

City of Peoria

FY2022-2031 Capital Improvement Program

Proposed Project Listing Summary

Drainage

Project Name	Page #	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
67th & Pinnacle Pk Regional Drainage Improvements - (EN00651)	CIP-22	\$6,702,676	\$15,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$21,702,676
83rd Av/Peoria Av/Grand Av Drainage Improvements - (EN00740)	CIP-23	\$0	\$1,197,504	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,197,504
91st Av & Hatfield Rd Drainage Facilities - (EN00631)	CIP-24	\$100,000	\$0	\$136,630	\$248,945	\$4,279,675	\$0	\$0	\$0	\$0	\$0	\$4,765,250
Bedford Village Units 1 and 2 Basin Upgrades - (EN00682)	CIP-25	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$171,000	\$801,000	\$0	\$972,000
Greenway Channel Repairs - (EN00681)	CIP-26	\$0	\$0	\$0	\$0	\$0	\$119,500	\$964,250	\$0	\$0	\$0	\$1,083,750
Neighborhood Drainage Program - (EN00458)	CIP-27	\$720,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$720,000
New River & Jomax Concrete Box Culvert - (EN00354)	CIP-28	\$0	\$0	\$82,000	\$241,300	\$2,776,000	\$0	\$0	\$0	\$0	\$0	\$3,099,300
Olive Av & 99th Av - Storm Drain Outfall Repair - (EN00680)	CIP-29	\$1,157,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,157,000
Section 12 Neighborhood Drainage Improvements - (EN00119)	CIP-30	\$1,919,017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,919,017
Storm Drain Land Preservation - Land Preservation - (EN00524)	CIP-31	\$590,000	\$852,800	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,442,800
Terramar Drainage Modifications - (EN00727)	CIP-32	\$1,030,572	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,030,572
Westgreen & Summersett Village Drainage - (EN00722)	CIP-33	\$273,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$273,000
Drainage Total		\$12,492,265	\$17,050,304	\$218,630	\$490,245	\$7,055,675	\$119,500	\$964,250	\$171,000	\$801,000	\$0	\$39,362,869

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Economic Development

Project Name	Page #	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Commercial Abatement - (ED00025)	CIP-34	\$55,626	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$55,626
Economic Development Agreements - (ED00031)	CIP-35	\$1,663,260	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,663,260
Old Town Parcel Assembly & Tenant Improvements - (ED00024)	CIP-36	\$606,017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$606,017
Old Town Streetscape - (EN00646)	CIP-37	\$6,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,000,000
P83 Entertainment District Improvements - (ED00002)	CIP-38	\$47,571	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$47,571
Placemaking Initiative - (EN00021)	CIP-39	\$945,335	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$945,335
Economic Development Total		\$9,317,809	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$9,317,809

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Proposed Project Listing Summary
Operational Facilities

Project Name	Page #	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts Distribution FY2022 - (AT02022)	CIP-40	\$2,055,833	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,055,833
Building Equipment Renovation and Replacement - (PW00050)	CIP-42	\$678,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$678,000
Building Fixture and Finish Renovation - (PW00060)	CIP-43	\$670,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$670,000
Bus Stop Improvement Program - (EN00673)	CIP-44	\$1,635,907	\$11,393	\$271,510	\$186,880	\$160,840	\$108,760	\$0	\$0	\$271,510	\$186,880	\$2,833,680
Chargeback Distribution FY2022 - (CB02022)	CIP-45	\$2,500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,500,000
City Hall Finance Call Center Improvements - (PW00530)	CIP-46	\$240,761	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$240,761
Citywide Security Camera Replacements - (IT00038)	CIP-47	\$230,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$230,000
Citywide Security Program - (PW00506)	CIP-48	\$240,497	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$240,497
Citywide Telecommunications Infrastructure Upgrade - (IT00005)	CIP-49	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000
Commercial Abatement - (NH00009)	CIP-50	\$150,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$150,000
Community Works Program - (COP0001)	CIP-51	\$1,379,571	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,379,571
Council Chambers Building Repair Program - (PW00510)	CIP-52	\$367,000	\$0	\$264,620	\$0	\$212,100	\$0	\$0	\$0	\$0	\$0	\$843,720
Fleet Maintenance Shop Awning - (PW00604)	CIP-53	\$150,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$150,000

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Operational Facilities

Project Name	Page #	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Fleet Shop Repair - (PW00306)	CIP-54	\$13,084	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$13,084
Fleet Shop Replacement - (PW00308)	CIP-55	\$2,294,770	\$0	\$14,062,334	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$16,357,104
Fuel Island Replacement at Fire Station No. 3 - (PW00545)	CIP-57	\$479,786	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$479,786
Impact Fee Study - (CD00007)	CIP-58	\$10,000	\$98,200	\$0	\$0	\$0	\$0	\$98,200	\$0	\$0	\$0	\$206,400
Infrastructure Cabling - (IT00037)	CIP-59	\$200,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$200,000
MOC Site Lighting Improvements - (PW00402)	CIP-60	\$29,103	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$29,103
Municipal Complex Fountain Improvements - (CS00243)	CIP-61	\$57,000	\$540,430	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$597,430
Municipal Complex Site Improvements - (CS00242)	CIP-62	\$0	\$464,661	\$2,725,139	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,189,800
Neighborhood and Human Services ADA Compliance - (NH00006)	CIP-63	\$154,100	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$154,100
Neighborhood and Human Services Facility Refurbish - (NH00007)	CIP-64	\$553,600	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$553,600
Network Infrastructure Repl - Tech Center Core - (IT00008)	CIP-65	\$1,450,000	\$0	\$0	\$0	\$0	\$0	\$0	\$1,450,000	\$0	\$0	\$2,900,000
Network Infrastructure Replacement - Microwave WAN - (IT00026)	CIP-66	\$60,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$60,000
Network Infrastructure Replacement - WiFi - (IT00036)	CIP-67	\$88,452	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$88,452

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Operational Facilities

Project Name	Page #	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Network Infrastructure Replacement-Sports Complex - (IT00019)	CIP-68	\$30,214	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$30,214
Paloma Community Park Phase II Artwork - (NH00008)	CIP-69	\$0	\$240,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$240,000
PCPA Ticket and Concessions Renovation - (NH00003)	CIP-70	\$384,722	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$384,722
Peoria Center for Performing Arts Storage Building - (NH00002)	CIP-71	\$547,239	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$547,239
Public Safety Admin Building EOC Renovations - (PW00540)	CIP-72	\$0	\$550,061	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$550,061
Public Safety Building Needs - (PW00090)	CIP-73	\$268,084	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$268,084
Radio Subscriber Replacements - (IT00018)	CIP-74	\$420,618	\$254,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$674,618
Renovate Main Library - (PW00509)	CIP-75	\$3,112,693	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,112,693
Roof Replacement - (PW00150)	CIP-76	\$0	\$0	\$0	\$1,688,881	\$0	\$0	\$0	\$0	\$0	\$0	\$1,688,881
Operational Facilities Total		\$20,501,034	\$2,158,745	\$17,323,603	\$1,875,761	\$372,940	\$108,760	\$98,200	\$1,450,000	\$271,510	\$186,880	\$44,347,433

City of Peoria

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Proposed Project Listing Summary

Parks & Recreation

Project Name	Page #	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
99th Ave and Olive Trailhead - (CS00088)	CIP-77	\$2,628,262	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,628,262
Airnasium at Neighborhood Parks - (CS00235)	CIP-78	\$600,000	\$0	\$0	\$124,320	\$686,999	\$0	\$0	\$0	\$0	\$0	\$1,411,319
Aloravita South Neighborhood Park - (CS00130)	CIP-79	\$0	\$0	\$0	\$0	\$0	\$7,696,467	\$12,541,759	\$0	\$0	\$0	\$20,238,226
Ball Field Lighting - (CS00195)	CIP-80	\$278,400	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$278,400
Centennial Plaza Decades Walk Expansion 10-20 Yrs - (CS00229)	CIP-81	\$316,089	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$316,089
Country Meadows Park Improvements - (CS00203)	CIP-82	\$400,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$400,000
Inclusive Playground at Rio Vista Community Park - (CS00205)	CIP-83	\$1,159,380	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,159,380
Irrigation and Turf Improvements Program - (CS00208)	CIP-84	\$400,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$400,000
Lone Mountain Parkway Trail System - (CS00209)	CIP-85	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$220,000	\$591,000	\$3,142,000	\$3,953,000
Mountain Trail/Preserve Improvements - (CS00217)	CIP-86	\$434,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$434,000
Neighborhood Park at Mystic - (CS00192)	CIP-87	\$0	\$0	\$4,136,903	\$6,440,768	\$0	\$0	\$0	\$0	\$0	\$0	\$10,577,671
Neighborhood Park at Northpoint (Vistancia) - (CS00159)	CIP-88	\$0	\$0	\$4,891,112	\$7,695,728	\$0	\$0	\$0	\$0	\$0	\$0	\$12,586,840
Neighborhood Parks Renovation Program - (CS00019)	CIP-89	\$0	\$318,554	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$318,554

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Parks & Recreation

Project Name	Page #	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
New River Trail - Happy Valley Rd to Jomax - (CS00165)	CIP-90	\$0	\$0	\$0	\$320,500	\$1,435,000	\$2,153,000	\$0	\$0	\$0	\$0	\$3,908,500
New River Trail - Villa Lindo and Pinnacle Pk - (CS00196)	CIP-91	\$0	\$0	\$0	\$0	\$180,000	\$302,500	\$2,204,000	\$0	\$0	\$0	\$2,686,500
New River Trail Connections - (CS00202)	CIP-92	\$342,698	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$342,698
New River Trail Pedestrian & Shade Program - (EN00750)	CIP-93	\$0	\$271,200	\$901,570	\$0	\$0	\$0	\$79,285	\$350,170	\$0	\$0	\$1,602,225
New River Trail; Williams Rd to Happy Valley Rd - (CS00128)	CIP-94	\$304,182	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$304,182
NRT - Jomax Rd to CAP and CAP to LPP - (CS00162)	CIP-95	\$230,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$230,000
Paloma Community Park - (CS00059)	CIP-96	\$5,309,179	\$22,405,587	\$615,720	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28,330,486
Paloma Community Park Trails - (CS00218)	CIP-97	\$112,977	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$112,977
Park and Recreation Facility Refurbishment - (CS00185)	CIP-98	\$746,800	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$746,800
Parks, Recreation and Community Fac Master Plan - (CS00067)	CIP-99	\$100,000	\$200,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$300,000
Parks, Recreation, Community Fac ADA Compliance - (CS00177)	CIP-100	\$245,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$245,000
Pioneer Community Park Rehab & Replacements - (CS00234)	CIP-101	\$0	\$0	\$0	\$1,189,780	\$0	\$0	\$0	\$0	\$0	\$0	\$1,189,780
Pool Renovation and Refurbishment Program - (CS00238)	CIP-102	\$272,700	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$272,700

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Parks & Recreation

Project Name	Page #	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Recreation Center At Paloma Community Park - (CS00167)	CIP-103	\$0	\$0	\$0	\$0	\$3,711,353	\$22,540,463	\$0	\$0	\$0	\$0	\$26,251,816
Retention Basin Refresh Program - (CS00004)	CIP-104	\$228,300	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$228,300
Rio Vista Skate Park - (CS00215)	CIP-105	\$250,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$250,000
Sports Complex Maintenance Building - (CS00240)	CIP-106	\$753,018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$753,018
Stadium Improvements (AZSTA) - (CS00213)	CIP-107	\$2,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$0	\$0	\$0	\$0	\$0	\$6,000,000
Stadium Multi-Use Path Phase 2 - (CS00232)	CIP-108	\$760,000	\$2,909,665	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,669,665
Stadium Trail Phase I - (CS00146)	CIP-109	\$2,730,583	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,730,583
Sunrise Mtn Library Automated Materials Handling - (CS00241)	CIP-110	\$174,001	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$174,001
Sunrise Mountain Trailhead - (CS00206)	CIP-111	\$0	\$0	\$644,349	\$3,033,216	\$0	\$0	\$0	\$0	\$0	\$0	\$3,677,565
Trailhead at BLM 160 - (CS00237)	CIP-112	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$464,271	\$2,110,083	\$0	\$2,574,354
Trailhead at the NWC of 83rd Ave and Happy Valley - (CS00220)	CIP-113	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$250,528	\$796,689	\$0	\$1,047,217
Westwing Park - ADA Connection to Maya Way - (CS00230)	CIP-114	\$180,523	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$180,523
Parks Total		\$20,956,092	\$27,105,006	\$12,189,654	\$19,804,312	\$7,013,352	\$32,692,430	\$14,825,044	\$1,284,969	\$3,497,772	\$3,142,000	\$142,510,631

City of Peoria
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Proposed Project Listing Summary
Public Safety

Project Name	Page #	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Fire Station No. 2 Dorm Expansion - (FD00011)	CIP-115	\$1,224,665	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,224,665
Fire Station No. 5 Expansion - (FD00027)	CIP-116	\$2,478,890	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,478,890
Fire Station No. 7 Jomax Emergency Traffic Signal - (FD13101)	CIP-117	\$653,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$653,000
Fire Station No. 8 - (FD00008)	CIP-118	\$0	\$0	\$0	\$2,013,748	\$12,237,572	\$0	\$0	\$0	\$0	\$0	\$14,251,320
Fire Support Services Building Fiber Installation - (FD00020)	CIP-119	\$147,915	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$147,915
Fire-Medical Department Fleet Storage Annex - (FD00030)	CIP-120	\$2,717,578	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,717,578
Mobile and Portable Radios Replacement - (FD00014)	CIP-121	\$807,345	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$807,345
Public Safety Admin Building Locker Room Improvs - (PD00026)	CIP-122	\$0	\$1,181,953	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,181,953
Self-Contained Breathing Apparatus - (FD00017)	CIP-123	\$1,757,733	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,757,733
Public Safety Total		\$9,787,126	\$1,181,953	\$0	\$2,013,748	\$12,237,572	\$0	\$0	\$0	\$0	\$0	\$25,220,399

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Proposed Project Listing Summary

Streets

Project Name	Page #	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
103rd Av; Northern Ave to Olive Ave - Full Street - (EN00422)	CIP-124	\$842,874	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$842,874
107th Av; Williams Rd to Hatfield Rd Rdwy - (EN00636)	CIP-125	\$273,000	\$0	\$0	\$0	\$1,085,000	\$1,144,000	\$7,763,000	\$0	\$0	\$0	\$10,265,000
135th Av; Ridgeline Rd - Montansoro Ln Rdwy Improv - (EN00757)	CIP-126	\$1,044,641	\$1,044,641	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,089,282
67th Av Widening; Pinnacle Peak to Happy Valley - (EN00100)	CIP-127	\$3,044,797	\$7,500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$10,544,797
67th Av; Olive Av to Redfield Rd Landscape Enhance - (EN00593)	CIP-128	\$701,121	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$701,121
75th Av & Cactus Rd Intersection Improvements - (EN00088)	CIP-129	\$30,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$30,000
75th Av & Peoria Av Intersection Improvements - (EN00081)	CIP-130	\$17,297	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$17,297
75th Av; Grand Av to Tbird Rd Landscape Enhancemnt - (EN00592)	CIP-131	\$1,174,978	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,174,978
91st Av; Mtn Vw Rd to Grand Av Landscape Enhancemn - (EN00594)	CIP-132	\$377,935	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$377,935
ADA Accessibility - (PW00025)	CIP-133	\$1,125,780	\$210,000	\$527,150	\$210,000	\$527,150	\$210,000	\$527,150	\$210,000	\$527,150	\$210,000	\$4,284,380
Bridge Maintenance & Guardrail Replacement Program - (EN00243)	CIP-134	\$500,000	\$327,000	\$327,000	\$327,000	\$327,000	\$327,000	\$327,000	\$327,000	\$327,000	\$327,000	\$3,443,000
Cactus Rd; 67th Av-83rd Av Shade & Landscape - (EN00689)	CIP-135	\$0	\$0	\$0	\$0	\$230,900	\$2,167,498	\$0	\$0	\$0	\$0	\$2,398,398
City Parking Lots - Parks & Facilities - (PW00995)	CIP-136	\$31,202	\$634,785	\$0	\$476,089	\$0	\$476,089	\$0	\$476,089	\$0	\$476,089	\$2,570,343

City of Peoria

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Proposed Project Listing Summary

Streets

Project Name	Page #	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Corrine Drive Street Improvements - (EN00627)	CIP-137	\$216,604	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$216,604
Deer Valley Rd; 109th Av to Lake Pleasant Pkwy - (EN00395)	CIP-138	\$1,795,957	\$1,500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,295,957
Deer Village Unit III Sound Wall - (EN00640)	CIP-139	\$200,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$200,000
El Mirage Rd; Blackstone Dr to Westland Rd - (EN00699)	CIP-140	\$1,870,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,870,000
Grand Av - Wrought Iron Fence Concrete Footing - (EN00728)	CIP-141	\$400,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$400,000
Happy Valley Pkwy Widening; LPP to Agua Fria - (EN00463)	CIP-142	\$370,630	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$370,630
Happy Valley Rd; LPP to 97th Av Safety Study - (EN00695)	CIP-143	\$250,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$250,000
Jomax Rd Improvements; 72nd Dr to 75th Av - (EN00591)	CIP-144	\$0	\$0	\$263,200	\$2,424,000	\$0	\$0	\$0	\$0	\$0	\$0	\$2,687,200
Jomax Rd; Loop 303 to Vistancia Blvd - (EN00585)	CIP-145	\$3,529,228	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,529,228
LED Streetlight Conversion - RESIDENTIAL - (PW11161)	CIP-146	\$0	\$0	\$1,221,000	\$1,221,000	\$1,221,000	\$0	\$0	\$0	\$0	\$0	\$3,663,000
LPP; Yearling Rd to Jomax Rd Street Improvements - (EN00637)	CIP-147	\$930,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$930,000
Northern Parkway - (EN00142)	CIP-148	\$1,000,000	\$1,021,500	\$1,021,500	\$5,107,500	\$1,573,673	\$131,571	\$0	\$0	\$0	\$0	\$9,855,744
Old Town Intersection Lighting - (EN00668)	CIP-149	\$340,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$340,000

City of Peoria

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Proposed Project Listing Summary

Streets

Project Name	Page #	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Olive Av, Loop 101 to 99th Ave Safety Improvements - (EN00731)	CIP-150	\$1,654,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,654,000
P83 Pedestrian & Shade Initiative Program - (EN00749)	CIP-151	\$0	\$0	\$0	\$0	\$0	\$0	\$327,000	\$1,264,000	\$0	\$0	\$1,591,000
Pavement Management Program - Preservation - (PW00138)	CIP-152	\$4,055,973	\$3,535,000	\$3,535,000	\$4,949,000	\$5,043,031	\$5,138,848	\$5,236,486	\$5,335,979	\$5,437,362	\$5,540,673	\$47,807,352
Pavement Management Program - Rehabilitation - (PW13000)	CIP-154	\$8,000,534	\$6,868,000	\$6,868,000	\$6,868,000	\$6,868,000	\$0	\$0	\$0	\$0	\$0	\$35,472,534
Peoria Av; 69th Av-79th Av Shade & Landscape - (EN00690)	CIP-156	\$0	\$0	\$0	\$0	\$151,350	\$1,390,832	\$0	\$0	\$0	\$0	\$1,542,182
Peoria High School Hawk Signal - (EN00742)	CIP-157	\$665,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$665,000
Quick Response Street Repairs - (PW00027)	CIP-158	\$175,000	\$176,750	\$202,000	\$202,000	\$202,000	\$227,250	\$227,250	\$227,250	\$227,250	\$227,250	\$2,094,000
Rural Area Road Maintenance - (PW00163)	CIP-159	\$460,396	\$0	\$0	\$465,413	\$0	\$0	\$0	\$0	\$465,413	\$0	\$1,391,222
Sidewalks Annual Program - (PW00046)	CIP-160	\$391,809	\$107,400	\$107,400	\$107,400	\$107,400	\$107,400	\$107,400	\$107,400	\$107,400	\$107,400	\$1,358,409
Sonoran Mountain Ranch Emergency Access - (EN00599)	CIP-161	\$0	\$0	\$142,150	\$87,600	\$1,667,000	\$0	\$0	\$0	\$0	\$0	\$1,896,750
Streetlight Pole Replacement & Infill Program - (PW11160)	CIP-162	\$1,374,803	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$5,874,803
Technical Pavement Condition Survey & Support - (PW00512)	CIP-163	\$0	\$255,000	\$0	\$0	\$255,000	\$0	\$0	\$255,000	\$0	\$0	\$765,000
Thunderbird Rd & 83rd Av Ped & Shade Initiative - (EN00645)	CIP-164	\$100,000	\$684,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$784,500

City of Peoria

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Proposed Project Listing Summary

Streets

Project Name	Page #	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Thunderbird Rd & 91st Av Intersection Safety Mods - (EN00743)	CIP-165	\$268,945	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$268,945
Thunderbird Rd; 67th Av-81st Av Shade & Landscape - (EN00691)	CIP-166	\$0	\$0	\$0	\$0	\$169,900	\$1,579,073	\$0	\$0	\$0	\$0	\$1,748,973
Traffic Signal Vistancia Blvd & Ridgeline Rd - (EN00709)	CIP-167	\$655,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$655,000
Utility Undergrounding Program - (EN00563)	CIP-168	\$0	\$0	\$0	\$0	\$0	\$0	\$535,000	\$535,000	\$535,000	\$535,000	\$2,140,000
Streets Total		\$37,867,504	\$24,364,576	\$14,714,400	\$22,945,002	\$19,928,404	\$13,399,561	\$15,550,286	\$9,237,718	\$8,126,575	\$7,923,412	\$174,057,438

City of Peoria

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Proposed Project Listing Summary

Traffic Control

Project Name	Page #	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
107th Av & Rose Garden Ln Traffic Signal - (EN00708)	CIP-169	\$50,000	\$229,236	\$1,102,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,381,236
85th Av & Olive Av Traffic Signal - (EN00657)	CIP-170	\$1,280,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,280,000
89th Av & Cactus Rd Traffic Signal - (EN00724)	CIP-171	\$0	\$0	\$955,870	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$955,870
Fiber Optics Installation - (EN00716)	CIP-172	\$366,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$366,000
HV Pkwy; LPP to L303 Interconn Conduit and Fiber - (EN00739)	CIP-173	\$0	\$0	\$0	\$1,720,000	\$0	\$0	\$0	\$0	\$0	\$0	\$1,720,000
Jomax Rd & LPP Intersection Safety Study - (EN00723)	CIP-174	\$154,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$154,000
Lake Pleasant Rd & Rose Garden Ln Traffic Signal - (EN00697)	CIP-175	\$187,500	\$887,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,074,500
North Peoria Communications Backup - (EN00675)	CIP-176	\$0	\$1,656,600	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,656,600
Traffic Management Center Equipment Replacement - (EN00433)	CIP-177	\$0	\$0	\$535,000	\$0	\$0	\$0	\$0	\$535,000	\$0	\$0	\$1,070,000
Traffic Signal Interconnect Project (TSIP) - (PVW00133)	CIP-178	\$200,000	\$0	\$207,000	\$0	\$207,000	\$0	\$207,000	\$0	\$207,000	\$0	\$1,028,000
Traffic Signal Program - (EN00170)	CIP-179	\$750,000	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	\$6,150,000
Traffic Signal Renovation and Replacement - (PVW00993)	CIP-180	\$1,221,744	\$309,000	\$309,000	\$309,000	\$309,000	\$309,000	\$309,000	\$309,000	\$309,000	\$309,000	\$4,002,744
Traffic Control Total		\$4,209,244	\$3,681,836	\$3,708,870	\$2,629,000	\$1,116,000	\$909,000	\$1,116,000	\$1,444,000	\$1,116,000	\$909,000	\$20,838,950

City of Peoria

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Proposed Project Listing Summary

Wastewater

Project Name	Page #	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
101st Ave & Northern Lift Station Pretreat (L103) - (UT00398)	CIP-181	\$112,870	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$112,870
Agua Fria Lift Station - Wastewater Campus Land - (UT00284)	CIP-182	\$200,000	\$0	\$4,200,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,400,000
Beardsley Equipment Upgrade & Replacement Program - (UT00317)	CIP-183	\$168,669	\$126,250	\$126,250	\$126,250	\$126,250	\$126,250	\$126,250	\$126,250	\$126,250	\$126,250	\$1,304,919
Beardsley WRF Expansion - (UT00314)	CIP-184	\$18,180,450	\$10,002,387	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28,182,837
Beardsley WRF Recharge Basins - (UT00515)	CIP-185	\$0	\$0	\$0	\$0	\$0	\$353,500	\$3,535,000	\$0	\$0	\$0	\$3,888,500
Butler Equipment Upgrade & Replacement Program - (UT00333)	CIP-186	\$1,309,037	\$353,500	\$202,000	\$202,000	\$202,000	\$202,000	\$202,000	\$202,000	\$202,000	\$202,000	\$3,278,537
Butler IPS Equipment Upgrade & Replacement Program - (UT00422)	CIP-187	\$829,647	\$101,000	\$101,000	\$101,000	\$101,000	\$101,000	\$101,000	\$101,000	\$101,000	\$101,000	\$1,738,647
Butler WRF Aeration System Upgrades - (UT00420)	CIP-188	\$103,683	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$103,683
Butler WRF Recharge Wells - (UT00309)	CIP-189	\$60,763	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$60,763
El Mirage Road Sewer Infrastructure Upsizing - (UT00432)	CIP-190	\$200,000	\$600,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$800,000
Emergency Generator Equipment Upgrades - (UT00514)	CIP-191	\$40,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$40,000
Jomax Equipment Upgrade & Replacement Program - (UT00323)	CIP-192	\$157,187	\$126,250	\$126,250	\$126,250	\$126,250	\$126,250	\$126,250	\$126,250	\$126,250	\$126,250	\$1,293,437
Jomax WRF Expansion - (UT00388)	CIP-193	\$2,825,885	\$0	\$11,110,000	\$16,160,000	\$16,160,000	\$0	\$0	\$0	\$0	\$0	\$46,255,885

City of Peoria

FY2022-2031 Capital Improvement Program

Proposed Project Listing Summary

Wastewater

Project Name	Page #	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Jomax WRF Operations Building - (UT00389)	CIP-194	\$7,637,318	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,637,318
Lift Station Reconditioning Program - (UT00116)	CIP-195	\$2,159,151	\$404,000	\$404,000	\$404,000	\$404,000	\$404,000	\$404,000	\$404,000	\$404,000	\$404,000	\$5,795,151
Local Wastewater Line Improvement Program - (UT00191)	CIP-196	\$1,229,239	\$202,000	\$202,000	\$202,000	\$202,000	\$202,000	\$202,000	\$202,000	\$202,000	\$202,000	\$3,047,239
LPH Mystic Wastewater Oversizing - (UT00446)	CIP-197	\$0	\$67,359	\$0	\$0	\$0	\$0	\$117,558	\$0	\$0	\$0	\$184,917
Manhole Rehabilitation Program - (UT00307)	CIP-198	\$1,050,000	\$404,000	\$404,000	\$404,000	\$404,000	\$404,000	\$404,000	\$404,000	\$404,000	\$404,000	\$4,686,000
Reclaimed Water System Upgrade Program - (UT00511)	CIP-199	\$800,000	\$50,500	\$50,500	\$50,500	\$50,500	\$50,500	\$50,500	\$50,500	\$50,500	\$50,500	\$1,254,500
Reclaimed Water Transmission Main - Project 2 - (UT00512)	CIP-200	\$0	\$0	\$7,635,600	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,635,600
Reclaimed Water Transmission Main - Project 3 - (UT00513)	CIP-201	\$0	\$0	\$2,020,000	\$0	\$0	\$10,125,251	\$10,125,251	\$0	\$0	\$0	\$22,270,502
SROG Line Assessment & Repair - (UT00321)	CIP-202	\$442,240	\$501,437	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$943,677
Trunk Sewer Line Inspection - (UT00322)	CIP-203	\$916,424	\$0	\$750,000	\$0	\$0	\$0	\$0	\$750,000	\$0	\$0	\$2,416,424
Trunk Sewer Rehabilitation - (UT00296)	CIP-204	\$100,000	\$0	\$0	\$2,555,300	\$0	\$0	\$0	\$0	\$2,555,300	\$0	\$5,210,600
Wastewater System R&M Expense Program - (UT00436)	CIP-205	\$1,518,066	\$707,000	\$707,000	\$707,000	\$707,000	\$707,000	\$707,000	\$707,000	\$707,000	\$707,000	\$7,881,066
West Agua Fria Wastewater Lines - (UT00171)	CIP-206	\$1,748,528	\$500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,248,528

City of Peoria
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Proposed Project Listing Summary
Wastewater

Project Name	Page #	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Wastewater Total		\$41,789,157	\$14,145,683	\$28,038,600	\$21,038,300	\$18,483,000	\$12,801,751	\$16,100,809	\$3,073,000	\$4,878,300	\$2,323,000	\$162,671,600

City of Peoria

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Proposed Project Listing Summary

Water

Project Name	Page #	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
67th Ave 16-in Waterline - Pinnacle Pk to Hatfield - (UT00440)	CIP-207	\$150,000	\$2,121,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,271,000
75th Avenue and Grand PRV Upgrade (P101) - (UT00408)	CIP-208	\$75,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75,000
Agua Fria Booster Station - Phase II - (UT00501)	CIP-209	\$0	\$0	\$0	\$0	\$459,500	\$3,881,300	\$0	\$0	\$0	\$0	\$4,340,800
Arrowhead Shores Site Rehabilitation - (UT00312)	CIP-210	\$511,957	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$511,957
Asset Management Program - (UT00256)	CIP-211	\$596,731	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$596,731
Bailey Well Site Improvements - (UT00414)	CIP-212	\$350,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$350,000
CAP Pump Station Rehabilitation - Quintero - (UT00274)	CIP-213	\$3,659,950	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,659,950
Desert Harbor Well Rehabilitation - (UT00510)	CIP-214	\$0	\$0	\$1,421,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,421,500
El Mirage Road Waterline Upsizing - (UT00430)	CIP-215	\$0	\$0	\$1,700,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,700,000
Facility Reconditioning & Water Quality Program - (UT00206)	CIP-216	\$3,721,924	\$808,000	\$808,000	\$808,000	\$808,000	\$808,000	\$808,000	\$808,000	\$808,000	\$808,000	\$10,993,924
Fire Hydrant & Valve Replacement Program - (UT00204)	CIP-217	\$350,000	\$353,500	\$353,500	\$353,500	\$353,500	\$353,500	\$353,500	\$353,500	\$353,500	\$353,500	\$3,531,500
Greenway Equipment Upgrade & Replacement Program - (UT00316)	CIP-218	\$1,953,446	\$606,000	\$606,000	\$151,500	\$151,500	\$151,500	\$151,500	\$151,500	\$151,500	\$151,500	\$4,225,946
Greenway WTP 8 MGD Expansion - (UT00311)	CIP-219	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,604,100	\$28,087,278	\$31,691,378

City of Peoria

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Proposed Project Listing Summary

Water

Project Name	Page #	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Integrated Water Utility Master Plan (IWUMP) - (UT00271)	CIP-220	\$370,000	\$240,000	\$0	\$0	\$0	\$0	\$0	\$370,000	\$240,000	\$0	\$1,220,000
Jomax Booster Station Upgrades - (UT00285)	CIP-221	\$5,365,655	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,365,655
Jomax Waterline - Loop 303 to El Mirage Road - (UT00503)	CIP-222	\$0	\$0	\$0	\$0	\$0	\$0	\$2,001,500	\$0	\$0	\$0	\$2,001,500
Local Waterline Improvement Program - (UT00203)	CIP-223	\$428,775	\$257,500	\$257,500	\$257,500	\$257,500	\$257,500	\$257,500	\$257,500	\$257,500	\$257,500	\$2,746,275
LPH Mystic Water Oversizing - (UT00445)	CIP-224	\$331,027	\$95,483	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$426,510
MOC Reservoir (R101) Site Improvements - (UT00434)	CIP-225	\$427,822	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$427,822
New River Utility Co. Acquisition & Improvements - (UT00390)	CIP-226	\$2,500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,500,000
Patterson Reservoir - Existing Well Connection - (UT00328)	CIP-227	\$437,194	\$0	\$661,500	\$4,000,000	\$2,565,000	\$0	\$0	\$0	\$0	\$0	\$7,663,694
Pyramid Peak Water Treatment Plant - Upgrades - (UT00037)	CIP-228	\$3,802,072	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,802,072
Pyramid Peak Water Treatment Plant Expansion - (UT00334)	CIP-229	\$25,393,843	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$25,393,843
Quintero Equipment Upgrade & Replacement Program - (UT00418)	CIP-230	\$424,050	\$101,000	\$101,000	\$50,500	\$50,500	\$50,500	\$50,500	\$50,500	\$50,500	\$50,500	\$979,550
Reclaimed Water Master Plan Implementation - (UT00505)	CIP-231	\$14,274,124	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$14,274,124
SCADA Equipment Replacement Program - (UT00266)	CIP-232	\$939,057	\$550,000	\$550,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$3,089,057

City of Peoria

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Proposed Project Listing Summary

Water

Project Name	Page #	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Sports Complex Well Relocation - (UT00391)	CIP-233	\$175,000	\$3,742,050	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,917,050
Sports Complex/WI115 Well Connection - (UT00327)	CIP-234	\$0	\$50,000	\$0	\$0	\$303,000	\$2,530,000	\$0	\$0	\$0	\$0	\$2,883,000
Sweetwater Well Site Rehabilitation - (UT00442)	CIP-235	\$0	\$0	\$257,500	\$2,552,725	\$0	\$0	\$0	\$0	\$0	\$0	\$2,810,225
Technology and Security Master Plan - (UT00304)	CIP-236	\$171,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$171,000
Terramar Booster Pump Station Rehabilitation - (UT00412)	CIP-237	\$2,300,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,300,000
Utility Billing System - (UT00160)	CIP-238	\$150,000	\$0	\$0	\$0	\$0	\$0	\$2,660,000	\$0	\$0	\$0	\$2,810,000
Water & Wastewater Rate Study - (UT00298)	CIP-239	\$50,355	\$100,000	\$0	\$0	\$100,000	\$0	\$0	\$100,000	\$0	\$0	\$350,355
Water Line Assessment and Replacement - (UT00335)	CIP-240	\$3,448,352	\$0	\$0	\$0	\$0	\$1,515,000	\$1,515,000	\$1,515,000	\$1,515,000	\$1,515,000	\$11,023,352
Water Meter Replacement Program - (UT00326)	CIP-241	\$456,772	\$0	\$0	\$0	\$4,725,000	\$4,870,000	\$5,010,000	\$0	\$0	\$0	\$15,061,772
Water System R&M Expense Program - (UT00438)	CIP-242	\$1,483,690	\$606,000	\$606,000	\$606,000	\$606,000	\$606,000	\$606,000	\$606,000	\$606,000	\$606,000	\$6,937,690
Water/Wastewater Hydraulic Model Update Program - (UT00428)	CIP-243	\$317,480	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$767,480
Water/Wastewater/Expansion Fee Update - (UT00070)	CIP-244	\$0	\$100,000	\$0	\$0	\$0	\$0	\$100,000	\$0	\$0	\$0	\$200,000
Weedville Well Site Rehabilitation - (UT00441)	CIP-245	\$2,535,097	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,535,097

City of Peoria
FY2022-2031 Capital Improvement Program
Proposed Project Listing Summary
Water

Project Name	Page #	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Wellhead Water Quality Mitigation - (UT00272)	CIP-246	\$2,895,635	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,895,635
Wells - New Construction - (UT00117)	CIP-247	\$1,324,354	\$303,000	\$2,323,000	\$200,000	\$1,484,000	\$2,323,000	\$0	\$0	\$0	\$0	\$7,957,354
West Agua Fria Water Lines - (UT00170)	CIP-248	\$1,871,037	\$0	\$1,900,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,771,037
Westland Reservoir/Booster Station - Phase II - (UT00502)	CIP-249	\$0	\$0	\$0	\$3,090,500	\$3,040,000	\$0	\$0	\$0	\$0	\$0	\$6,130,500
White Mountain Apache Tribe Water Rights Purchase - (UT00234)	CIP-250	\$0	\$0	\$1,850,000	\$560,000	\$530,000	\$500,000	\$480,000	\$0	\$0	\$0	\$3,920,000
Zone 1/2 PRV Upgrades (91st and Cactus) - (UT00261)	CIP-251	\$1,725,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,725,000
Zone 2/3 Booster Station - (UT00516)	CIP-252	\$0	\$0	\$0	\$0	\$0	\$353,500	\$3,535,000	\$0	\$0	\$0	\$3,888,500
Water Total		\$84,966,399	\$10,083,533	\$13,445,500	\$12,830,225	\$15,633,500	\$18,399,800	\$17,728,500	\$4,412,000	\$7,786,100	\$32,029,278	\$217,314,835
Citywide Total		\$241,886,630	\$99,771,636	\$89,639,257	\$83,626,593	\$81,840,443	\$78,430,802	\$66,383,089	\$21,072,687	\$26,477,257	\$46,513,570	\$835,641,964

CAPITAL PROJECT DETAIL

Drainage

67th & Pinnacle Pk Regional Drainage Improvements

Project Number: EN00651

Project Location: 67th Av & Pinnacle Pk Rd

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	Future GO Bonds	Base	\$0	\$134,977	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$134,977
Chargebacks	Future GO Bonds	Base	\$0	\$122,357	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$122,357
Construction	Future GO Bonds	Base	\$550,000	\$7,242,666	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,792,666
Construction	Future GO Bonds	Carryover	\$2,283,418	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,283,418
Land Acquisitio	Future GO Bonds	Base	\$1,200,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,200,000
Land Acquisitio	Future GO Bonds	Carryover	\$119,258	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$119,258
Construction	Outside Sources	Base	\$550,000	\$7,500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$8,050,000
Construction	Outside Sources	Carryover	\$800,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$800,000
Land Acquisitio	Outside Sources	Base	\$1,200,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,200,000
Total Budget			\$6,702,676	\$15,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$21,702,676

Description:

This project provides for the 67th Av & Pinnacle Peak Rd Regional Storm Drain improvements. The project includes coordination with the Flood Control District of Maricopa County (FCDMC), design, right-of-way, land acquisition, utility coordination, utility relocation and extensions as determined, materials testing, construction and construction administration for a regional storm drain system as conceptualized by the 2017 Drainage Study and further refined by the 2020 Design Concept Report (DCR). The improvements may consist of storm water basins, channel improvements, box culverts, storm drains, laterals and catch basins that are an extension of the overall drainage system. The City will partner with FCDMC on the regional drainage aspects of this project. This project will likely include processing of utility agreements (APS, Cox, CenturyLink, SRP, SWG, etc.) for utility relocations, and intergovernmental agreements with FCDMC.

Justification:

67th Av and Pinnacle Peak Rd Drainage Project is identified as an element of the Glendale-Peoria Area Drainage Master Plan (GPADMP) which is a regional storm drainage plan. Each element proposed in the GPADMP is essential to the proper function of the storm drainage system. The study, design, and construction of the near term solutions were completed in 2020. This proposed regional drainage project will make use of both the near term and regional drainage solutions working together to provide a 100-year level of drainage protection to the area. Intergovernmental agreements (IGAs) with FCDMC will be required for final design, land acquisition, utility relocation, construction, and construction administration for cost sharing these improvements. This project will be coordinated with the EN00119 - Near Term Drainage Solutions, EN00100 - 67th Av: Pinnacle Peak Rd to HVR Street Improvements, and UT00440 - 16" waterline/67th Av and Pinnacle Peak Rd projects.

CAPITAL PROJECT DETAIL

Drainage

83rd Av/Peoria Av/Grand Av Drainage Improvements

Project Number: EN00740

Project Location: 83rd Av & Peoria Av/Grand Av

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Chargebacks	Future GO Bonds	Base	\$0	\$9,504	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$9,504
Study	Future GO Bonds	Base	\$0	\$638,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$638,000
Study	Outside Sources	Base	\$0	\$550,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$550,000
Total Budget			\$0	\$1,197,504	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,197,504

Total Operating Impacts	\$0	\$0	\$0	\$0	\$0	\$0	\$63,000	\$63,000	\$63,000	\$63,000	\$252,000
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Description:

This project provides for the coordination with adjacent property owners, public involvement, design, right-of-way acquisition, utility coordination, utility relocation, construction and construction administration for a drainage study. This includes revising the hydrologic and hydraulic analysis in the Peoria Storm Drain Master Plan to assess the impact and efficacy of relocating the basin to the proposed location at 83rd Av and Peoria Av/Grand Av. This project also includes a new storm drain in 83rd Av to convey stormwater to this basin, land acquisition for the basin itself and a new basin. The study will also explore integrating the existing Bedford Village and Bedford Meadows stormwater management basins in order to optimize the performance of the drainage system. This project may also require processing of utility company (APS, Cox, CenturyLink, SRP, EPNG, SWG, etc.) design and construction agreements, development and intergovernmental agreements.

Justification:

The proposed project is situated in the northern portion of the Maryvale Area Drainage Master Study (ADMS) in a developed urban area within the City of Peoria near 83rd Av and Grand Av. Stormwater runoff from the study area is directed to existing residential, commercial, and educational development. This area was studied as part of the City of Peoria Storm Drain Master Plan in January 2014 (PSDMP). The PSDMP identified this area as Area 3, Drainage Issue 30, Figure 7.12 and 8.11. The study recommended a retention facility be situated at the intersection of 83rd Av and Varney Rd as shown on excerpt from the PSDMP. However, the City is unable to obtain the necessary land at this location.

This study evaluates relocating the proposed basin south to the southwest corner of 83rd Av and Grand Av and the addition of a parallel storm drain in 83rd Av to optimize the performance of 2 retention basins located along Shangri La Rd in the residential area east of 83rd Av and incorporate them into the storm drain system. This project would also acquire 8 parcels of land in this area for future use as this retention basin.

CAPITAL PROJECT DETAIL

Drainage

91st Av & Hatfield Rd Drainage Facilities

Project Number: EN00631

Project Location: 91st Av & Hatfield Rd

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	Future GO Bonds	Base	\$0	\$0	\$0	\$2,000	\$22,130	\$0	\$0	\$0	\$0	\$0	\$24,130
Chargebacks	Future GO Bonds	Base	\$0	\$0	\$32,630	\$46,945	\$50,045	\$0	\$0	\$0	\$0	\$0	\$129,620
Construction	Future GO Bonds	Base	\$0	\$0	\$0	\$0	\$1,994,500	\$0	\$0	\$0	\$0	\$0	\$1,994,500
Design	Future GO Bonds	Base	\$0	\$0	\$0	\$100,000	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000
Land Acquisitio	Future GO Bonds	Base	\$0	\$0	\$0	\$0	\$1,112,000	\$0	\$0	\$0	\$0	\$0	\$1,112,000
Study	Future GO Bonds	Base	\$0	\$0	\$52,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$52,000
Study	Future GO Bonds	Carryover	\$100,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000
Design	Outside Sources	Base	\$0	\$0	\$0	\$100,000	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000
Land Acquisitio	Outside Sources	Base	\$0	\$0	\$0	\$0	\$1,101,000	\$0	\$0	\$0	\$0	\$0	\$1,101,000
Study	Outside Sources	Base	\$0	\$0	\$52,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$52,000
Total Budget			\$100,000	\$0	\$136,630	\$248,945	\$4,279,675	\$0	\$0	\$0	\$0	\$0	\$4,765,250

Total Operating Impacts	\$0	\$0	\$0	\$0	\$0	\$0	\$14,500	\$14,500	\$14,500	\$14,500	\$58,000
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Description:

This project provides a stormwater detention/retention basin on the north side of Hatfield Rd near its intersection with 91st Av. This will assist with mitigating flooding of residences along the south side of Hatfield Rd east and west of 91st Av. This will also assist with mitigating sediment migration into the storm drain systems at Cielo Grande Rd and Pinnacle Peak Rd by capturing sediment associated with stormwater directed to the retention/detention basin prior to being directed to the system. Additionally, this project will extend the storm drain from Cielo Grande in 91st Av, north to approximately Hatfield Rd, and provide a connection to the retention/detention basin and bleed-off for this basin. The improvements will include: clearing and grubbing, excavation and construction of a retention basin in accordance with SRP/ASLD design guidelines, area inlets, storm drain pipe, trench drains, application of rock mulch and dust control. This project may also require processing of utility company design and construction agreements, development and intergovernmental agreements.

Justification:

The City has received a number of complaints regarding flooding due to stormwater run-off sheet flowing from 91st Av, across Hatfield Rd and impacting the homes along the south side of Hatfield Rd west of 91st Av. Similar conditions indicating the potential for shallow flooding exist for the residences east of 91st Av as well. As a result, staff is recommending that the detention basin be constructed to collect stormwater run-off from 91st Av and the area north of Hatfield Rd area, in order to provide protection to the homes downstream. Additionally, there has been a continuing problem with sediment from this watershed adversely impacting the storm drain system to the south at the intersection of 91st Av with both Cielo Grande Rd and Pinnacle Peak Rd. This basin will serve to assist in capturing sediment prior to the storm drain system and allowing for better maintenance and cleaning of the system.

CAPITAL PROJECT DETAIL

Drainage

Bedford Village Units 1 and 2 Basin Upgrades

Project Number: EN00682

Project Location: Bedford Village Units 1 and 2 Basins

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	Future GO Bonds Base		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,000	\$7,713	\$0	\$8,713
Chargebacks	Future GO Bonds Base		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$20,000	\$22,000	\$0	\$42,000
Construction	Future GO Bonds Base		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$771,287	\$0	\$771,287
Design	Future GO Bonds Base		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000	\$0	\$0	\$100,000
Study	Future GO Bonds Base		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000	\$0	\$0	\$50,000
Total Budget			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$171,000	\$801,000	\$0	\$972,000

Total Operating Impacts	\$0	\$0	\$0	\$0	\$27,700	\$27,700	\$27,700	\$27,700	\$27,700	\$27,700	\$27,700	\$166,200
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Description:

This project provides for the coordination with adjacent property owners, public involvement, study, design, utility coordination, utility relocation, construction and construction administration for the Bedford Village Unit 1 and Bedford Village 2 storm water basin improvements. The improvements include: design and reconstruction of the outfall of the Bedford Village Unit 1 basin, constructing a parallel storm drain bleed-off pipe from 82nd Av to 83rd Av, constructing a bleed-off connection to the Bedford Village 2 basin, cleaning the existing drywell, installing new drywells, reconstructing spillways, modifying perimeter walls, regrading basins, as needed, and refreshing the landscape in both basins. This project may also require processing of utility company (APS, Cox, CenturyLink, SRP, EPNG, SWG, etc.) design and construction agreements, development and intergovernmental agreements.

Justification:

Bedford Village Unit 1 and Bedford Village 2 subdivisions were constructed in 1985. The basins were sized in accordance with the storm drain design standards adopted by the City at that time. During major storm events, the run-off exceeds the capacity of the Bedford Village Unit 1 basin and run-off ponds in 82nd Av. Although the Bedford Village 6" bleed-off pipe is functional, it does not drain the basin adequately to keep up with the run-off entering the basin. This project will conduct a study to determine if the bleed-off pipe can be upsized or a parallel bleed-off is needed, if additional drywells are needed, evaluate the need for a flood wall along the south and west sides of the basin, provide a bleed-off to the Bedford Village Unit 2 basin, upgrade the spillways, and refresh the landscape.

CAPITAL PROJECT DETAIL

Drainage

Greenway Channel Repairs

Project Number: EN00681

Project Location: 92nd Dr alignment between Greenway Rd alignment and Bell Rd

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	Future GO Bonds Base		\$0	\$0	\$0	\$0	\$0	\$1,000	\$9,250	\$0	\$0	\$0	\$10,250
Chargebacks	Future GO Bonds Base		\$0	\$0	\$0	\$0	\$0	\$18,500	\$30,000	\$0	\$0	\$0	\$48,500
Construction	Future GO Bonds Base		\$0	\$0	\$0	\$0	\$0	\$0	\$925,000	\$0	\$0	\$0	\$925,000
Design	Future GO Bonds Base		\$0	\$0	\$0	\$0	\$0	\$100,000	\$0	\$0	\$0	\$0	\$100,000
Total Budget			\$0	\$0	\$0	\$0	\$0	\$119,500	\$964,250	\$0	\$0	\$0	\$1,083,750

Description:

This project provides for the coordination with adjacent property owners, public involvement, design, construction and construction administration for the rehabilitation of the existing Greenway Channel by employing several construction methods depending on need and location. Numerous areas of the Greenway Channel do not drain, causing ponding and subsequent vector problems, which pose a health concern. The project will employ various fixes such as removing the non-draining areas and replacing the rebar reinforced shotcrete, allowing for positive flow. Other areas will be allowed to drain by the use of installing a low flow channel. At areas where the shotcrete is cracked or non-existent, the existing cracked shotcrete will be removed and new rebar reinforced shotcrete will be installed. Sufficient expansion and contraction joints will be installed to reduce the possibility of future cracking. The Greenway Channel has 3-drop structures, which does not allow for the safe passage of maintenance equipment along the bottom of the channel. At these locations, concrete ramps will be installed allowing for safe passage without changing the hydraulic characteristics of the channel. In addition, this project will install 2 access ramps where personnel and equipment can safely travel down to the bottom of the channel. This project may also require processing of utility company (APS, Cox, CenturyLink, SRP, EPNG, SWG, etc.) design and construction agreements, development and intergovernmental agreements.

Justification:

The Greenway Channel was constructed in 1991 as part of a cost share project between the City of Peoria and the Flood Control District of Maricopa County (FCDMC). During the past 27 years, the lining of the channel has deteriorated and settled, causing run-off to flow slowly and in some cases, pond. The channel is in need of repair/rehabilitation. A substantial amount of water ponds in several areas of the channel. Based upon the depth of water and amount of ponded water, the water does not evaporate within the required 36-hour timeframe, providing a breeding ground for mosquitos. Mosquitos carry numerous diseases including; Chagas, Chikungunya, Dengue, Lyme Disease, Malaria, Rocky Mountain Spotted Fever, St. Louis Encephalitis, West Nile Virus and the Zika Virus. In addition, the Greenway Channel is one of the City's major drainage channels that protects residents' health and welfare. It is imperative to have a channel that is maintained and safe for personnel to access. Timely repairs will eliminate very costly future

CAPITAL PROJECT DETAIL

Drainage

Neighborhood Drainage Program

Project Number: EN00458

Project Location: Citywide

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	Future GO Bonds Base		\$500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$500,000
Construction	Future GO Bonds Carryover		\$220,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$220,000
Total Budget			\$720,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$720,000
Total Operating Impacts			\$8,000	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000	\$80,000

Description:

The Neighborhood Drainage Program (NDP) will address drainage, erosion, and sedimentation problems affecting private property in neighborhoods, coordination with adjacent property owners, public involvement, design, right-of-way acquisition, utility coordination, utility relocation, construction and construction administration. The NDP can study, design, and fund capital improvement projects and repair existing drainage systems. Technical assistance is also available for questions about construction, permit, and storm drainage. The improvements may include, but are not limited to: installation of drywells, connecting pipes and inlets to the adjacent storm drain systems, re-grading to improve the function of the storm water system, modifying connector pipes and inlets, restoring landscaping and irrigation systems. This project may also require processing of utility company (APS, Cox, CenturyLink, SRP, EPNG, SWG, etc.) and intergovernmental agreements may also be required.

Justification:

The NDP targets problems beyond the control of private homes and business owners. For example, many drainage pipes and channels cannot convey increased storm water runoff created by upstream construction, clearing, or filling. Some older drainage systems are now failing because no one is responsible to take care of them. Other problems are caused by drainage code violations like flow diversions or blockages. This program provides the type of services, construction projects, system repair and one-time maintenance, and technical assistance.

CAPITAL PROJECT DETAIL

Drainage

New River & Jomax Concrete Box Culvert

Project Number: EN00354

Project Location: New River and Jomax Rd

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	DIF - Streets CentBase		\$0	\$0	\$0	\$2,300	\$27,000	\$0	\$0	\$0	\$0	\$0	\$29,300
Chargebacks	DIF - Streets CentBase		\$0	\$0	\$2,000	\$9,000	\$49,000	\$0	\$0	\$0	\$0	\$0	\$60,000
Construction	DIF - Streets CentBase		\$0	\$0	\$0	\$0	\$2,700,000	\$0	\$0	\$0	\$0	\$0	\$2,700,000
Design	DIF - Streets CentBase		\$0	\$0	\$0	\$230,000	\$0	\$0	\$0	\$0	\$0	\$0	\$230,000
Study	DIF - Streets CentBase		\$0	\$0	\$80,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$80,000
Total Budget			\$0	\$0	\$82,000	\$241,300	\$2,776,000	\$0	\$0	\$0	\$0	\$0	\$3,099,300

Total Operating Impacts	\$0	\$0	\$0	\$0	\$0	\$2,400	\$2,400	\$2,400	\$2,400	\$2,400	\$12,000
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Description:

This project provides for the coordination with adjacent property owners, public involvement, design, right-of-way acquisition, utility coordination, utility relocation, construction and construction administration for the construction of a modification to the existing culvert crossing of the New River at Jomax Rd. This project will provide supporting engineering analysis and studies, engineering design and construction phase services, and construction and commissioning of the culvert crossing. The existing culvert crossing consists of a 12-barrel concrete box culvert, associated headwalls, and wingwalls. This project will add an additional 12 barrels to the culvert, modify the headwalls, wingwalls, add upstream erosion protection and embankment stabilization, and downstream energy dissipater. The existing roadway, curb and gutter, sidewalk, and landscaping will be removed and replaced. The roadway will be resurfaced in the immediate vicinity of the area disturbed for constructing the crossing modification. Grading to direct drainage into the crossing may be necessary both up and down stream of the crossing. This project may also require processing of utility company design and construction agreements, development and intergovernmental agreements.

Justification:

The existing box culvert crossing for New River at Jomax Rd was designed and constructed in accordance with City criteria by the developer of the adjacent residential community. However, the City's criteria for roadway and drainage does not account for extreme storm events. Consequently, when flow rates in New River exceed the flow rates used in the design of the existing box culvert, the roadway can become inundated and impassible to pedestrians and vehicles. The Jomax Rd crossing of New River provides a critical crossing for emergency personnel and equipment and is used by Fire Station No. 7 to respond to emergency service calls during extreme storm events. Because of this, it is important that the Jomax Rd crossing of New River continue to function during extreme storm events. This project is proposed to provide a more resilient crossing of New River that provides a reliable crossing for emergency vehicles and equipment in a wider variety of storm events.

CAPITAL PROJECT DETAIL

Drainage

Olive Av & 99th Av - Storm Drain Outfall Repair

Project Number: EN00680

Project Location: SEC Olive Av & 99th Av

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	Future GO Bonds	Carryover	\$1,157,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,157,000
Total Budget			\$1,157,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,157,000

Total Operating Impacts	\$0	\$0	\$0	\$0	\$1,600	\$1,600	\$1,600	\$1,600	\$1,600	\$1,600	\$1,600	\$9,600
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Description:

This project provides for the coordination with adjacent property owners, public involvement, design, construction, and construction administration for the repair and rehabilitation of the existing Olive Av storm drain outfall located at the SEC of Olive Av and east of 99th Av. The main focus will be to remove the existing concrete grass pavers which is in disrepair and to reline the channel with 6-inch thick shotcrete that will be embedded with rebar and provide maintenance access. Additional improvements will include adding guardrail along Olive Av for safety purposes and adding bank protection at the existing downstream headwall located at Olive Avenue. This project may also require processing of utility company (APS, Cox, Qwest, SRP, EPNG, SWG, etc.) design and construction agreements, development and intergovernmental agreements.

Justification:

The existing storm drain facilities, operated by FCDMC, located along Olive Avenue west of 99th Avenue discharge through an outfall channel extending from the southeast corner of the intersection of Olive Avenue and 99th Avenue to New River. As part of the New River channelization project constructed in the early 1990's by the US Army Corps of Engineers (USACOE) and Flood Control District of Maricopa County (FCDMC), the outfall channel was constructed with concrete grass pavers that allowed for vegetation to go through the center of the pavers. Unfortunately, trees and weeds have grown through the pavers displacing the pavers. In other areas, the pavers have been destroyed or are missing. Overall, the concrete grass pavers must be removed and replaced with a relatively maintenance free application such as concrete shotcrete. The design will allow for the safe maintenance access from the top of the channel bank to the bottom of channel so personnel and equipment can travel to the bottom of the channel for maintenance purposes quickly and safely. Due to the depth of the existing channel, extending the existing guardrail along Olive Avenue is warranted. A portion of the existing guardrail was recently hit and destroyed and the guardrail system is in need of replacement. Lastly, severe erosion is taking place at the downstream headwall that is located at Olive Avenue. The area will be regraded and rip rap will be placed to stop the ongoing erosion.

CAPITAL PROJECT DETAIL

Drainage

Section 12 Neighborhood Drainage Improvements

Project Number: EN00119

Project Location: 67th Av & Pinnacle Peak Rd - 67th Av to New River

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	GO Bonds 2019	Carryover	\$90,228	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$90,228
Land Acquisitio	GO Bonds 2019	Carryover	\$5,611	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,611
Construction	WIFA Loan	Carryover	\$1,823,178	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,823,178
Total Budget			\$1,919,017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,919,017

Total Operating Impacts	\$19,511	\$73,511	\$73,511	\$73,511	\$73,511	\$73,511	\$73,511	\$73,511	\$73,511	\$73,511	\$73,511	\$681,110
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Description:

The project includes the design, right-of-way and land acquisition, utility coordination, utility relocation and extensions, as determined, materials testing, construction and construction administration, for the near term drainage improvements identified in the approved drainage study completed in 2017. The near term drainage improvements will provide flood protection to the area bounded by Pinnacle Peak Rd, 67th Av, Happy Valley Rd and New River as soon as possible. These improvements will not provide 100-year protection until the regional improvements are constructed. The near term improvements will consist of basins, channels, roadway and storm drain improvements. This project will also include processing of utility agreements (APS, Cox, CenturyLink, SWG, etc.) for design and construction, and development and intergovernmental agreements.

Justification:

67th Av and Pinnacle Peak Road Drainage Project is identified as an element of the Glendale-Peoria Area Drainage Master Plan (ADMP) which is a regional storm drainage plan. Each element proposed in the ADMP is essential to the proper function of the storm drainage system. The City partnered with Flood Control District of Maricopa County (FCDMC) for the initial study. Subsequently, the City performed a Design Concept Report (DCR) for the roadway widening, paying attention to the drainage recommendations from the ADMP. The City hired Entellus to assist with the completion of the drainage study to develop near term and regional drainage improvements. The study was completed in 2017. The design of the near term solutions are in progress and this project will fund the construction phase. The proposed solutions will make use of existing drainage infrastructure and allow the near term and regional drainage solutions to work together to provide a 100-year level of drainage protection to the area. This project is being coordinated with EN00651 - 67th Avenue & Pinnacle Peak Road Storm Drain and EN00100 67th Avenue; Pinnacle Peak Road to HVR Roadway Improvements and UT00440 - 67th Avenue 16" Water Line/ 67th Avenue & Pinnacle Peak Road.

CAPITAL PROJECT DETAIL

Drainage

Storm Drain Land Preservation - Land Preservation

Project Number: EN00524

Project Location: Citywide

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	Future GO Bonds Base		\$0	\$52,800	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$52,800
Construction	Future GO Bonds Base		\$0	\$800,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$800,000
Land Acquisition	Future GO Bonds Carryover		\$590,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$590,000
Total Budget			\$590,000	\$852,800	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,442,800

Description:

This project focuses on the preparation of legal descriptions and exhibits, title reports, appraisals, and the purchase and preservation of high priority lands for use as storm water management basins as identified in the City's Storm Drainage Master Plans. Preserving the land now will allow the City to construct the storm water management basins as future storm drain projects are funded.

Justification:

The Peoria Storm Drain Master Plan (PSDMP) performed a thorough analysis to determine storm drain system needs through build-out. The master plan makes recommendations for locating storm drain facilities throughout Peoria. The recommendations are coordinated to work in concert to achieve a level of drainage protection dictated by the City. Each element of the plan is necessary to accomplish this protection. There have been in-fill developments that are encroaching upon and taking away lands that are recommended to accomplish the goals of the master plan. Since the City has no immediate funding to offer for purchase of these parcels, or for a cooperative effort to mutually achieve development with the master plan, these opportunities are often lost. The result is a more costly and more intrusive drainage option to accomplish the City's drainage goals. The purpose of this project is to preserve land rights needed to achieve the goals of the master plan. The project will exercise options for outright purchase, cooperative development agreements and possible reimbursements for elements that accomplish the master plan recommendations.

CAPITAL PROJECT DETAIL

Drainage

Terramar Drainage Modifications

Project Number: EN00727

Project Location: Terramar Park and Terramar Blvd; N/O Happy Valley Rd

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	Future GO Bonds	Carryover	\$1,030,572	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,030,572
Total Budget			\$1,030,572	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,030,572

Total Operating Impacts	\$17,500	\$17,500	\$17,500	\$17,500	\$17,500	\$17,500	\$17,500	\$17,500	\$17,500	\$17,500	\$17,500	\$175,000
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Description:

This project provides for the coordination with adjacent property owners, public involvement, study, design, utility coordination, utility relocation, construction and construction administration for two (2) projects: 1. the drainage modifications at Terramar Park; 2. construction of manholes along the Terramar Storm Drain. Project 1. This project will provide for the preparation of a drainage statement, design and construction of two 18" culverts, or other size as determined by the drainage statement, in series with the existing 12" culvert, remove and replace sections of existing sidewalk, remove the two existing 6" conduits, backfill the erosion area, refresh the river rock in the channel and install erosion protection at the upstream and down stream headwalls. Project 2. This project will provide the construction of four manholes located along the Terramar Storm Drain pipe and clean-out the pipe. Both projects will include traffic control, restoration of landscape and irrigation, repair existing striping and signage. These projects may also require processing of utility company (APS, Cox, Centurylink, SRP, EPNG, SWG, etc.) design and construction agreements, development and intergovernmental agreements.

Justification:

Project 1. The Parks, Recreation and Communities Facilities Department (PRCF) have experienced some drainage issues related to storm run-off from Terramar Parcel 1 entering the park site. The pipe culvert under the sidewalk seems to be undersized and has caused the run-off to find its way to the west basin through another route, resulting in the sidewalk being undermined and a significant amount of erosion. Project 2. When the developer constructed the Terramar storm drain pipe, approximately 750', they omitted all of the manholes. As a result, the pipe is 1/2 full of trash, silt and debris and staff is unable to access the pipe. With these manholes, the Public Works Department will be able to access the pipe, keep it clean and free of trash, silt and debris.

CAPITAL PROJECT DETAIL

Drainage

Westgreen & Summersett Village Drainage

Project Number: EN00722

Project Location: SRP Powerline Corridor btwn 91st Av & 89th Av

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	Future GO Bonds Base		\$223,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$223,000
Construction	Future GO Bonds Carryover		\$30,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$30,000
Land Acquisitio	Future GO Bonds Base		\$20,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$20,000
Total Budget			\$273,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$273,000

Total Operating Impacts	\$5,400	\$5,400	\$5,400	\$5,400	\$5,400	\$5,400	\$5,400	\$5,400	\$5,400	\$5,400	\$5,400	\$54,000
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Description:

This project provides for the coordination with adjacent property owners, public involvement, design, right-of-way acquisition, utility coordination, construction and construction administration for the construction of the drainage facilities. This project will also provide access for maintenance of drainage facilities, and for the preparation of a license agreement on SRP property (142-32-003B) to accommodate the drainage facilities. The improvements will include: clearing and grubbing, grading new storm water management basins, and applying decomposed granite and pre-emergent, and developing a license agreement with SRP. This project may require processing of utility company (APS, Cox, CenturyLink, SRP, EPNG, SWG, etc.) design and construction agreements, development and intergovernmental agreements.

Justification:

Following the September 2019 rains, SRP notified the City that the storm water run-off from the drainage facilities constructed on 89th Av between Griswold Rd and Las Palmaritas Dr, as part of the Summersett and the Westgreen subdivisions, directs storm runoff through a drainage corridor on lot 96 and onto the SRP parcel (142-32-003B). Upon discussion with SRP, staff confirmed that the developers did not obtain a license agreement from SRP to allow the drainage on to their parcel. They have requested that the City obtain a license agreement and design and construct more defined drainage facilities and maintain the drainage facilities.

CAPITAL PROJECT DETAIL

Economic Development

Commercial Abatement

Project Number: ED00025

Project Location: Citywide

Live Peoria Goal: Economic Prosperity

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	Half Cent Fund	Carryover	\$55,626	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$55,626
Total Budget			\$55,626	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$55,626

Description:

Commercial structures that are not properly maintained fall into disrepair and could become hazardous to the public. The abatement program utilizes code enforcement activities to identify the hazards and resolve through demolition if the structure cannot be repaired in a cost effective fashion. The City has budgeted \$500,000 to abate any commercial structures where owners are not compliant.

Justification:

Commercial structures vary in size and construction materials, which can be much more costly to demolish and remove than a typical residence. Since a commercial use is frequented by the greater public, ensuring public safety is a priority of the City along with the ability to adequately fund a potentially costly demolition process, if needed. The city costs are eventually recovered through placing a lien on the property for all incurred expenses.

CAPITAL PROJECT DETAIL

Economic Development

Economic Development Agreements

Project Number: ED0003I

Project Location: Citywide

Live Peoria Goal: Economic Prosperity

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Other	Econ Dev Fund	Base	\$1,486,483	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,486,483
Other	Half Cent Fund	Base	\$176,777	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$176,777
Total Budget			\$1,663,260	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,663,260

Description:

The City of Peoria has myriad economic development agreements (EDAs), which need to be tracked. Therefore, the purpose of this project is to identify existing or upcoming EDAs for FY22.

Justification:

The Economic Development Services Department actively pursues targeted industries as part of an overall sales and marketing effort to attract various industries to Peoria. This project will identify all existing and upcoming EDAs for FY22.

CAPITAL PROJECT DETAIL

Economic Development

Old Town Parcel Assembly & Tenant Improvements

Project Number: ED00024

Project Location: 83rd Av & Washington St, Old Town Peoria

Live Peoria Goal: Economic Prosperity

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Land Acquisition	Econ Dev Fund	Carryover	\$33	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$33
Study	Econ Dev Fund	Carryover	\$27,378	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$27,378
Construction	Half Cent Fund	Base	\$225,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$225,000
Construction	Half Cent Fund	Carryover	\$351,821	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$351,821
Land Acquisition	Half Cent Fund	Carryover	\$1,785	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,785
Total Budget			\$606,017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$606,017

Description:

This project entails land acquisition, hazardous materials testing, abatement, structural forensics, historic documentation/salvage, and demolition expenses related to strategic residential and commercial properties in Old Town Peoria. Consistent with prior Old Town property acquisitions, the City will stabilize razed property sites for dust control compliance and interim use for public events until redeveloped. Project savings from each acquisition will be rolled forward to successive acquisitions. The previously acquired Self-Serve Car Wash and NAPA Auto Parts properties are the focus for FY22 funding to include potential demolition, plus additional hazardous testing. There may be additional opportunities to acquire properties in Old Town, which this could assist in funding.

Justification:

For municipal owned commercial properties, regulatory compliance with ADEQ and Maricopa County is required prior to building demolition and the disposal of building materials. As properties in the project area are acquired, the City commences with the necessary testing, abatement, demolition, and site restoration expenses.

CAPITAL PROJECT DETAIL

Economic Development

Old Town Streetscape

Project Number: EN00646

Project Location: 83rd Av; Monroe St to Grand Av

Live Peoria Goal: Economic Prosperity

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	Econ Dev Fund	Carryover	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,000,000
Construction	General Fund	Carryover	\$1,500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,500,000
Other	General Fund	Carryover	\$500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$500,000
Construction	Half Cent Fund	Carryover	\$500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$500,000
Construction	Highway User Fun	Carryover	\$1,500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,500,000
Total Budget			\$6,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,000,000

Total Operating Impacts	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$400,000
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Description:

This project is part of the City’s Old Town Revitalization through Strategic Public Investment which focuses on creating a ‘place to be’ for families, while improving the economic vitality of the Old Town area. Key features of this project include pedestrian amenities, wider sidewalks, bulb-outs, protected crossings, trees, landscaping, shade features, lighting, banners, and signage. The first step of the project includes a Design Concept Report (DCR), which focuses on the area of 83rd Avenue from Monroe Street through Grand Avenue. The next steps of the project will include design and construction of recommended prioritized improvements.

Justification:

This project supports the City’s efforts to create a historic downtown, which is both a destination and point of pride for our residents and visitors.

CAPITAL PROJECT DETAIL

Economic Development

P83 Entertainment District Improvements

Project Number: ED00002

Project Location: 83rd Av, South of Bell Rd

Live Peoria Goal: Smart Growth

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	General Fund	Carryover	\$19,134	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$19,134
Construction	Other Capital	Carryover	\$28,437	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28,437
Total Budget			\$47,571	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$47,571

Description:

This project is for final design and construction of the final phase of P83 Improvements including way finding signage, monument signage, bridge aesthetics, lighting, and landscaping on 83rd Avenue, Arrowhead Fountain Center, and Paradise Lane from 83rd to 75th. The various phases of the project will include paving, concrete, landscaping, lighting, signage, aesthetics, utility relocations, right-of-way acquisition, public involvement, and drainage.

Justification:

As part of the adopted Economic Development Implementation Strategy (EDIS), this project addresses the Entertainment District Target area within the Investment Zones Initiatives and involves the revitalization of Peoria's Entertainment District consistent with the Peoria Sports Complex Area Urban Design Plan (adopted by Council in July 2010).

CAPITAL PROJECT DETAIL

Economic Development

Placemaking Initiative

Project Number: EN00021

Project Location: Various

Live Peoria Goal: Arts, Culture and Recreational Enrichment

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Other	General Fund	Base	\$900,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$900,000
Other	General Fund	Carryover	\$45,335	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$45,335
Total Budget			\$945,335	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$945,335

Description:

A recent report by MIT defined placemaking as "the deliberate shaping of an environment to facilitate social interaction and improve a community's quality of life." Placemaking is a response to the suburbanization of the 20th century that led to generic, auto-centric communities and the loss of public spaces. All across the country cities are undertaking placemaking initiatives in an effort to recapture a sense of community and create great public spaces. This project will provide a source of funding to design and construct such spaces and to engage the community in the process.

Justification:

The City Council's Strategic Goals include increasing bike/walk opportunities, promoting health and wellness, and enhancing the urban environment--all of which complement the aims of placemaking.

CAPITAL PROJECT DETAIL

Operational Facilities

Arts Distribution FY2022

Project Number: AT02022

Project Location:

Live Peoria Goal:

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	AZSTA - Sports CBase		\$10,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$10,000
Arts	Commercial Solid Base		\$71	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$71
Arts	DIF - Fire Base		\$15,933	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$15,933
Arts	DIF - Parks Zn 2 Base		\$9,951	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$9,951
Arts	DIF - Streets CentBase		\$19,878	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$19,878
Arts	DIF - Streets NortBase		\$54,349	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$54,349
Arts	Econ Dev Fund Base		\$20,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$20,000
Arts	Future GO Bonds Base		\$493,262	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$493,262
Arts	General Fund Base		\$87,823	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$87,823
Arts	GO Bonds 2019 Base		\$11,574	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$11,574
Arts	Half Cent Fund Base		\$12,827	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$12,827
Arts	Highway User Fun Base		\$74,598	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$74,598
Arts	IT Reserve Base		\$3,955	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,955
Arts	Municipal Asset R Base		\$11,555	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$11,555
Arts	Non-Bond Capital Base		\$5,993	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,993
Arts	Other Capital Base		\$2,735	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,735
Arts	Outside Sources Base		\$10,507	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$10,507
Arts	Percent for the A Base		\$4,432	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,432
Arts	Prp W/S Rev Bon Base		\$51,102	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$51,102
Arts	Residential Solid Base		\$285	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$285
Arts	Transportation SalBase		\$159,322	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$159,322
Arts	W/S Rev Bonds (Base		\$115,194	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115,194
Arts	Wastewater Expa Base		\$112,616	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$112,616
Arts	Wastewater Fund Base		\$141,080	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$141,080
Arts	Water Expansion Base		\$153,860	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$153,860
Arts	Water Fund Base		\$237,910	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$237,910
Arts	WIFA Loan Base		\$18,232	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$18,232
Arts	WIFA Revenue B Base		\$216,789	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$216,789
Total Budget			\$2,055,833	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,055,833

Description:

CAPITAL PROJECT DETAIL

Operational Facilities

Section 2-129 of the City Code requires that all "capital projects submitted for inclusion in the City's capital improvement program ... shall include an amount equal to 1 percent of the project cost of such capital improvement for public art." This project, whose purpose is purely administrative, holds appropriation for all arts charges. Projects are charged the percent for the arts as qualifying capital expenditures are made throughout the fiscal year.

CAPITAL PROJECT DETAIL

Operational Facilities

Building Equipment Renovation and Replacement

Project Number: PW00050

Project Location: Citywide

Live Peoria Goal: Smart Growth

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Equipment	Municipal Asset R Base		\$568,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$568,000
Study	Municipal Asset R Base		\$75,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75,000
Study	Municipal Asset R Carryover		\$35,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35,000
Total Budget			\$678,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$678,000

Description:

This program provides replacement for major building systems and equipment.

1. Building Assessment Study: A comprehensive Building Assessment Study to be conducted in FY22. The program commenced in FY21. Year one will assess City Hall Complex facilities, year two will assess all remaining buildings (not including the Sports Complex) and Water Services facilities (building systems, but not including process systems) (\$75K FY22).
2. Elevator Refurbishment Program- Replace elevators in City Hall, Main Library, and IT over 4 years, FY22-FY25. Replace 2nd elevator in City Hall FY22 for \$100K, FY 23 for \$105K Main Library Public, FY24 for \$110K Main Library Employee elevator, FY25 for \$115 IT.
3. HVAC R-22 to R-410A Replacement/Conversion at the MOC Admin and MOC Warehouse for a total of 39 Units (\$510K). Also, include Bi-polar ionization technology to improve the air quality within the facility (\$47K).
4. Install Bi-polar ionization to the AC Units at the DCSB (9 Units at \$11K)

Justification:

1. Building Assessment Study: The greater majority of City facilities are at or beyond an age where they are more likely at risk of major building system failures. This effort to assess the condition of our buildings will allow for the development of a building maintenance master plan based upon the results of the assessments.
2. City Hall was constructed in 1990, the Main Library and Tech Center were constructed in 1992, thus the elevators will be exceeding 30 years of service and require replacement and refurbishment.
3. The HVAC units have reached or about to reach the end of the 15 year life cycle for these units. In addition to the age of these units, the majority of them function on R-22 refrigerant. As of January 1, 2020 the production and import of R-22 is illegal in the United States. Since January 2020, the global supply of new refrigerant has diminished. This has seen the cost of the refrigerant to increase significantly and replacement parts for the R-22 mechanical system have started winding down production, driving up the cost of routine maintenance to unsustainable levels. We have already started to have difficulty sourcing parts. When the costs of maintenance and equipment lifecycle are both taken into consideration, it is the appropriate time to fund their replacement. The Bi-polar ionization technology will reduce the impacts of molds, bacteria, viruses, and VOC's enhancing the overall air quality of the facilities.

CAPITAL PROJECT DETAIL

Operational Facilities

Building Fixture and Finish Renovation

Project Number: PW00060

Project Location: Citywide

Live Peoria Goal: Smart Growth

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	Municipal Asset R Base		\$670,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$670,000
Total Budget			\$670,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$670,000

Description:

This program provides for the renovation of building fixtures and finishes. The Facilities Division reviews requests from departments and staff to assess fixtures, paint, flooring and roofing.

1. Repair Roofs at Rio Vista Recreation Center \$105K, DCSB \$84K, Sunrise Library \$42K, Fire Support Services Building \$47K, Quintero WTP \$53K, and the Sunrise Family Center \$18K
2. Repair Concrete City Hall Complex Picnic \$32K.
3. Municipal Complex Painting FY22 - PSAB Parking Garage Steel Canopies (Level 2), Security Barriers (Level 1), Stairs and Railings; DCSB Parking Garages Steel Canopies (Level 2), Security Barriers (Level 1), Stairs and Railings; PSAB Equipment and Refuse Gates: DCSB West Elevation Steel Fascia; DCSB Equipment and Refuse Gates \$105K: FY23 Library Parking Garage Security Barriers (Level 1), Stairs and Railings; Central Plant/City Hall Dock Rolling Gate, City Hall Landscape Steel Fascia: East Parking Garage Stairs and Railings \$63K.
4. Carpet Replacement Program FY22 City Hall \$184K; FY23 MOC Admin and Warehouse \$95K, FY24 Beardsley, Butler and Jomax \$73K, Council Chambers \$37K; FY25 Court \$136K.

Justification:

1. The identified roofs require a roof coating to maintain the roof and extend the life of the roofing underlayment.
2. Repair the concrete picnic areas on the west side of City Hall. The picnic areas have been damaged by the growth of the trees planted in the area.
3. The parking garages and canopies throughout the City Hall Complex are exposed to harsh environmental conditions and require a refresh to provide a protective coating and enhance the atmosphere within the City Hall Complex. There has been no refresh since original construction.
4. Carpet at City Hall has exceeded the life cycle of 12 years and is in need of replacement.

CAPITAL PROJECT DETAIL

Operational Facilities

Bus Stop Improvement Program

Project Number: EN00673

Project Location: Citywide

Live Peoria Goal: Integrated Transportation

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	Transportation SalBase		\$0	\$105	\$2,510	\$1,730	\$1,490	\$1,010	\$0	\$0	\$2,510	\$1,730	\$11,085
Chargebacks	Transportation SalBase		\$0	\$788	\$18,000	\$12,150	\$10,350	\$6,750	\$0	\$0	\$18,000	\$12,150	\$78,188
Construction	Transportation SalBase		\$1,018,780	\$10,500	\$251,000	\$173,000	\$149,000	\$101,000	\$0	\$0	\$251,000	\$173,000	\$2,127,280
Construction	Transportation SalCarryover		\$617,127	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$617,127
Total Budget			\$1,635,907	\$11,393	\$271,510	\$186,880	\$160,840	\$108,760	\$0	\$0	\$271,510	\$186,880	\$2,833,680

Total Operating Impacts	\$88,200	\$88,200	\$88,200	\$88,200	\$88,200	\$88,200	\$88,200	\$88,200	\$88,200	\$88,200	\$88,200	\$882,000
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Description:

This program includes funds for additional bus stops, replacement bus stops, refurbishments and/or major repairs. Funds will be used for installation of bus stop improvements citywide as needed on existing routes (Peoria Avenue, Thunderbird Road, 83rd Avenue, and/or POGO). The bus stop improvements projects may include the following: bus pullouts to allow buses to pick up and discharge passengers outside of the traffic flow, bus stops (no pullout), transit shelters which could provide weather protection, seating, bike racks, landscaping, lighting and other passenger amenities. FY22 includes funds for installation of additional shade structures at approximately 6 existing bus stop locations, improvements to bus stops on Thunderbird Road, and 2 pullouts in areas to be determined as needed. Areas being reviewed include 83rd Avenue near the stadium and 107th Avenue and Olive.

Bus stop improvements may include engineering design, existing drainage relocations and modifications, coordination with adjacent property owners, public involvement, ROW/easement acquisition, utility coordination, utility relocation, construction and construction administration. This may also require processing of utility company (APS, Cox, Qwest, SRP, EPNG, SWG, etc.) design and construction agreements, development and intergovernmental agreements.

Justification:

Transit promotes sustainable growth and improves Peoria's environment and quality of life. Well-planned and maintained public transit helps create a safe, clean, equitable and healthy city.

CAPITAL PROJECT DETAIL

Operational Facilities

Chargeback Distribution FY2022

Project Number: CB02022

Project Location:

Live Peoria Goal:

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Chargebacks	Commercial Solid Base		\$1,538	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,538
Chargebacks	DIF - Streets CentBase		\$186,917	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$186,917
Chargebacks	Future GO Bonds Base		\$1,153,331	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,153,331
Chargebacks	General Fund Base		\$103,801	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$103,801
Chargebacks	Half Cent Fund Base		\$27,327	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$27,327
Chargebacks	Highway User Fun Base		\$19,530	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$19,530
Chargebacks	Municipal Asset R Base		\$167,608	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$167,608
Chargebacks	Non-Bond Capital Base		\$14,575	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$14,575
Chargebacks	Residential Solid Base		\$6,149	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,149
Chargebacks	Transportation SalBase		\$758,933	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$758,933
Chargebacks	Wastewater Fund Base		\$12,810	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$12,810
Chargebacks	Water Fund Base		\$47,481	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$47,481
Total Budget			\$2,500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,500,000

Description:

Personnel costs associated with the design, acquisition of land, construction, and inspection of a capital project are charged back to that project. This project, whose purpose is purely administrative, holds appropriation for all chargebacks. Individual capital projects are charged throughout the fiscal year for staff time dedicated to the delivery of those projects.

CAPITAL PROJECT DETAIL

Operational Facilities

City Hall Finance Call Center Improvements

Project Number: PW00530

Project Location: Peoria Municipal Complex

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	Commercial Solid	Base	\$6,283	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,283
Design	Commercial Solid	Base	\$842	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$842
Equipment	Commercial Solid	Base	\$233	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$233
Construction	General Fund	Carryover	\$20,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$20,000
Construction	Residential Solid	Base	\$25,133	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$25,133
Design	Residential Solid	Base	\$3,368	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,368
Equipment	Residential Solid	Base	\$933	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$933
Construction	Wastewater Fund	Base	\$52,363	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$52,363
Design	Wastewater Fund	Base	\$7,016	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,016
Equipment	Wastewater Fund	Base	\$1,944	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,944
Construction	Water Fund	Base	\$104,725	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$104,725
Design	Water Fund	Base	\$14,032	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$14,032
Equipment	Water Fund	Base	\$3,889	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,889
Total Budget			\$240,761	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$240,761

Description:

This project entails an initial space study and the subsequent design and renovation of the City Hall second floor Finance Department call center suite. Desired improvements include additional space for growth, sound control measures, improved lighting, visual aids, and security monitors. Total capital costs include design, construction, administrative fees, furniture, fixtures, and information technology costs.

Justification:

The current call center suite and its adjacent supports spaces are awkwardly configured, causing noise challenges, cramped work spaces, and missed opportunities to leverage oversized circulation areas. Fluorescent office lighting and outdated conference room fixtures are end of life and should be replaced with new LED fixtures. The in-suite break room creates noise challenges.

CAPITAL PROJECT DETAIL

Operational Facilities

Citywide Security Camera Replacements

Project Number: IT00038

Project Location: Citywide

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Equipment	Municipal Asset R Base		\$230,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$230,000
Total Budget			\$230,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$230,000

Description:

This project will replace cameras, emergency phones, software and servers on a rotational basis. Install additional cameras to enhance security and update surveillance capabilities. Cameras are recommended to be replaced after 5 years, this request looks at deferring camera replacements to 8 years, thus we will be replacing 1/8 of the cameras per year (73 out of 584).

Justification:

Cameras, emergency phones, servers and software replacements have been deferred for several years and will need to be replaced. Also, increased concern for employee safety and security require additional cameras at various locations throughout the City.

CAPITAL PROJECT DETAIL

Operational Facilities

Citywide Security Program

Project Number: PW00506

Project Location: Citywide

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Equipment	General Fund	Carryover	\$20,497	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$20,497
Equipment	Municipal Asset R	Carryover	\$170,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$170,000
Study	Municipal Asset R	Carryover	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000
Total Budget			\$240,497	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$240,497

Description:

1. Renovate lobby of Water Services and Facilities enhance security. Install window, furniture, remote door access in the Water Services Area. Install remote access in the Facilities area (\$50K).
2. DCSB entrance camera and monitor to enhance security. (\$20K).
3. Main Library miscellaneous security enhancements (\$100K).
4. Conduct a citywide study in FY22 of existing cameras as it pertains to priority, cost, data storage/retention policy, quantity, locations and current technology (\$50K).

Justification:

Facility modifications to meet Threat Assessment recommendations as identified by the City Site Security Committee.

CAPITAL PROJECT DETAIL

Operational Facilities

Citywide Telecommunications Infrastructure Upgrade

Project Number: IT00005

Project Location: Citywide

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Equipment	IT Reserve	Base	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000
Total Budget			\$50,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000

Description:

This request will enable the IT Department to upgrade existing telecommunications systems in order to ensure all Voice over Internet Protocol (VoIP) systems are at levels that remain vendor supported for hardware and software.

Justification:

An upgrade is projected for FY22, a potential full replacement is projected for FY24, and an upgrade is projected in FY29 to ensure functionality and reliability for the City's phone systems. The upgrades and replacement are needed because functionality of all telecommunication infrastructure equipment for the City relies on these systems being available 24/7/365. These upgrades cannot be phased over multiple years, the entire upgrade needs to be completed at once to avoid services being negatively impacted.

CAPITAL PROJECT DETAIL

Operational Facilities

Commercial Abatement

Project Number: NH00009

Project Location: Citywide

Live Peoria Goal: Economic Prosperity

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	Half Cent Fund	Base	\$150,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$150,000
Total Budget			\$150,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$150,000

Description:

Commercial structures that are not properly maintained fall into disrepair and may become hazardous to the public. This citywide abatement program utilizes code enforcement activities to identify the hazards and resolve through demolition if the structure cannot be repaired in a cost-effective fashion. Where a property owner fails to self-remediate documented hazards, the City may elect to incur and recover the necessary testing, regulatory permitting, demolition, and site stabilization expenses. Project savings from each abatement effort will be rolled forward to successive abatements. The previously cited Edwards Hotel property in Old Town, as well as potential properties along Grand Avenue is the focus for FY2022 funding.

Justification:

Commercial structures vary in size and construction materials, which can be much more costly to demolish and remove than a typical residence. Since a commercial use is frequented by the greater public, ensuring public safety is a priority of the City. Also a priority, is the ability to adequately fund a potentially costly demolition process, if needed. The city costs are eventually recovered through placing a lien on the property for all incurred expenses.

CAPITAL PROJECT DETAIL

Operational Facilities

Community Works Program

Project Number: COP0001

Project Location: Citywide

Live Peoria Goal: Healthy Neighborhoods

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	General Fund	Base	\$230,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$230,000
Construction	General Fund	Carryover	\$319,571	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$319,571
Construction	Highway User Fun	Base	\$600,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$600,000
Construction	Highway User Fun	Carryover	\$230,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$230,000
Total Budget			\$1,379,571	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,379,571

Total Operating Impacts	\$2,000	\$4,000	\$6,000	\$8,000	\$10,000	\$12,000	\$14,000	\$16,000	\$18,000	\$20,000	\$110,000
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Description:

The program provides a mechanism to fund smaller projects addressing more localized needs that may otherwise be overlooked in the capital program. This program may address projects that the Council feels are advantageous to meet the City's mission, that present a timely opportunity that could be missed if pursued under the regular CIP approval process, or address an immediate need that cannot or should not wait for the regular CIP approval process.

Quick Response for weed abatement and ROW Contract Maintenance - (\$50,000) & storm damage (\$50,000)

Wayfinding Signage - \$100,000.00

End of Road Terminations - \$100,000.00

Non-City owned property maintenance - \$30,000

Entry Monuments - \$80,000.00

NTMP - \$60,000.00

Ped, Bike, Signing/Striping - \$65,000.00

Wall Painting - \$75,000.00

Streetlight Infill - \$50,000.00

Green Bike-\$50,000.00

Quick Response for Streets - \$120,000

Justification:

The Community Works Program targets problems beyond the control of private home and business owners. For example, many small roadway, sidewalk, ADA, projects. Some older neighborhoods are now failing because no one is responsible to take care of them. This program allows the City to offer a one-time upgrade to certain improvements.

CAPITAL PROJECT DETAIL

Operational Facilities

Council Chambers Building Repair Program

Project Number: PW00510

Project Location: Peoria Municipal Complex

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	Future GO Bonds Base		\$0	\$0	\$2,620	\$0	\$2,100	\$0	\$0	\$0	\$0	\$0	\$4,720
Construction	Future GO Bonds Base		\$367,000	\$0	\$262,000	\$0	\$210,000	\$0	\$0	\$0	\$0	\$0	\$839,000
Total Budget			\$367,000	\$0	\$264,620	\$0	\$212,100	\$0	\$0	\$0	\$0	\$0	\$843,720

Description:

The Council Chambers building is reaching an age where the building envelope and building technical systems are reaching the end of their serviceable life. The funding in this program will provide for the planned repair, replacement, and upgrade of these systems on a prioritized need basis.

1. In FY22, repair of exterior soffits, metal fascias, gutters, and the replacement of the concrete tile roof (\$367K).
2. In FY24, funding anticipates building HVAC system replacements and ADA upgrades (\$262K).
3. In FY26, funding includes replacement of carpet, furnishings, and paint (\$210K).

Justification:

This project will provide an ongoing building improvements program for the Council Chambers.

CAPITAL PROJECT DETAIL

Operational Facilities

Fleet Maintenance Shop Awning

Project Number: PW00604

Project Location: Municipal Operations Center

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	General Fund	Base	\$150,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$150,000
Total Budget			\$150,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$150,000

Description:

Construction of a 32' x 100' x 19' single slope tee canopy (awning) on the south side of the existing Fleet Maintenance main shop at the MOC.

Justification:

The Fleet Maintenance facility is scheduled for replacement in FY24 because the building has been outgrown with technicians working outside on a regular basis and the deteriorating condition of the steel building. Fleet technicians assigned to bays on the south side of the building regularly work outside in the sun and heat as they have permanent automotive lifts fixed in their bays and cannot bring in large heavy duty equipment such as refuse trucks that they are required to repair. The recent north awning does offer some shaded space; however, when both shifts are working at the same time starting at 9 AM there are not enough open flat bays or shaded external bays to accommodate staff. Therefore, often on a daily basis technicians are working during all times of year outside the south side of the building. A shaded covering will offer relief from direct sun and diminish heat concerns for the technicians. It will also provide shelter from the occasional rains during work hours.

CAPITAL PROJECT DETAIL

Operational Facilities

Fleet Shop Repair

Project Number: PW00306

Project Location: Municipal Operations Center

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	General Fund	Carryover	\$13,084	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$13,084
Total Budget			\$13,084	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$13,084

Description:

Phase 1 is the renovation of the existing 20,000 sq. ft. building to repair existing failures. Some of the major repairs include roof repair (\$35K), rain gutters replaced (\$45K), a new air compressor system, a new fluid distribution system, coolers replaced (\$20K), and a safety harness system for working on top of large truck bodies. The repairs will keep the building functional until a new facility can be constructed.

Justification:

The current shop is 28 years old and needs major repairs. The facility is outdated and does not meet the needs of the current and future vehicle count. Every day there are several units being worked on outside of the existing building. This creates several issues and hinders the mechanics' productivity.

CAPITAL PROJECT DETAIL

Operational Facilities

Fleet Shop Replacement

Project Number: PW00308

Project Location: Municipal Operations Center

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	Commercial Solid Base		\$0	\$0	\$4,900	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,900
Chargebacks	Commercial Solid Base		\$0	\$0	\$4,693	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,693
Construction	Commercial Solid Base		\$0	\$0	\$490,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$490,000
Arts	Future GO Bonds Base		\$0	\$0	\$77,802	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$77,802
Chargebacks	Future GO Bonds Base		\$0	\$0	\$151,235	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$151,235
Construction	Future GO Bonds Base		\$0	\$0	\$7,780,139	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,780,139
Design	Future GO Bonds Base		\$2,294,770	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,294,770
Arts	Highway User Fun Base		\$0	\$0	\$13,250	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$13,250
Chargebacks	Highway User Fun Base		\$0	\$0	\$12,672	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$12,672
Construction	Highway User Fun Base		\$0	\$0	\$1,325,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,325,000
Arts	Residential Solid Base		\$0	\$0	\$31,400	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$31,400
Chargebacks	Residential Solid Base		\$0	\$0	\$30,037	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$30,037
Construction	Residential Solid Base		\$0	\$0	\$3,140,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,140,000
Arts	Wastewater Fund Base		\$0	\$0	\$4,910	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,910
Chargebacks	Wastewater Fund Base		\$0	\$0	\$4,696	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,696
Construction	Wastewater Fund Base		\$0	\$0	\$490,997	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$490,997
Arts	Water Fund Base		\$0	\$0	\$4,910	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,910
Chargebacks	Water Fund Base		\$0	\$0	\$4,696	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,696
Construction	Water Fund Base		\$0	\$0	\$490,997	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$490,997
Total Budget			\$2,294,770	\$0	\$14,062,334	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$16,357,104

Description:

This project entails the design and construction of a new fleet maintenance facility sized and equipped to meet the needs of the City's fleet growth and changes in the delivery of fleet maintenance services. This new facility will be located at the Municipal Operations Center, allowing for phased construction and the transition of fleet operations from the outdated 28 year old facility into the new. A new facility will remedy ADOSH and ADEQ compliance challenges. The initial programming, phasing study, design, and permitting will precede construction by two years and will determine the feasibility of achieving a 45,000 sq. ft. facility size target. The construction phase funding is a placeholder based on fund source availability and is subject to upward adjustment in a future capital year. The capital budget will fund all site infrastructure expenses, existing building decommissioning, city paid development costs, building FF&E and all required technology systems.

Justification:

There are two major driving factors for the need to replace the Fleet Maintenance facility:

1. The current condition of the building is requiring high ongoing maintenance costs. A CIP project in the amount of \$100,000 was completed that resealed the roof and

CAPITAL PROJECT DETAIL

Operational Facilities

repaired the eaves to keep the building operational by minimizing water damage. The cost of the roof and eave repairs exhausted funds for other items of current need. These include: 1. Main shop evaporative coolers identified by Facilities as needing replaced. 2. High temperatures in the building transformer room that require repaired cooling. 3. Water separator drains deteriorating inside and outside the building that need replaced. 4. Underground oil storage tanks that will soon need to be replaced. 5. Ongoing bay door repairs that range from \$3,000-\$8,000 dollars per instance, from motor or drive gear failures. These are not improvements or upgrades to the facility, rather they are needed to keep the building operational and in compliance with various requirements.

2. The fleet size continues to expand - staff maintains over 800 vehicles. Most notable has been the increase in Solid Waste vehicles. The side-loader count has increased by 10 trucks over the past five years. They demand much more maintenance than typical heavy duty vehicles, averaging 200 labor hours a year each as an industry standard. Fleet is simply outgrowing its facility. The original layout alone has presented challenges for internal room to make repairs and store special tools. There is only 5ft between bays, which allows for minimal if any component tear down space when technician toolboxes are also accounted for. There is no provision for a tool room, so tools are being stored in a container in the parking lot. Currently the layout consists of 10 large bays and 3 small bays (occupied as the tire shop and light PM shop). The 10 large bays consist of 5 automotive lifts, and 2 heavy truck lifts. With 10 technicians working together bridging half of their shifts, space is an issue. On a daily basis three to four technicians end up working outside the building because of space limitations on heavy duty vehicles as there are only three bays inside that can accommodate them, besides the two with the heavy lifts. This leads to exposure to the elements, such as intense heat. In addition, these repair areas have no water separator access that raises issues with ADEQ inspections for stormwater drains because of any fluid spills that naturally occur with equipment repairs. According to NAFA Fleet Management Association, the facility recommendation is 1.5 light duty bays per technician and 2 heavy duty bays per technician. This is to accommodate downtime waiting for parts, so they can move on to another task in the meantime. The City of Peoria Fleet average is one 1.2 bays per technician for heavy duty repairs and light. Additionally, the oil dispensing system utilizes 'below ground' storage tanks that are coming up on their end of life. Other components lacking in the current facility include: a separate welding area to protect bystanders of arc flash, noise, debris, and fume hazards; a conference room to be utilized for training and staff meetings, storage area for specialty tools owned by the city, and an overhead crane capable of removing large truck components (current limitation with 2 ton overhead crane on a pillar that has only 'arc' movement).

CAPITAL PROJECT DETAIL

Operational Facilities

Fuel Island Replacement at Fire Station No. 3

Project Number: PW00545

Project Location: 83rd Av & Emile Zola Av

Live Peoria Goal: Superior Public Safety

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	Future GO Bonds Base		\$407,961	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$407,961
Design	Future GO Bonds Base		\$71,825	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$71,825
Total Budget			\$479,786	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$479,786

Description:

This project entails the decommissioning and removal of the underground diesel fuel tank and dispensing pump located at the Peoria Fire Station No. 3 (FS193). This fueling system is approaching 30 years in service and replacement is required by the US EPA. The replacement solution will be a dual fuel, above ground tank and dispenser solution mimicking the installation recently constructed at the new Police Patrol Services Building at the PPPSF Campus. The project will restore the asphalt and concrete hardscape on the north side of the Fire Station to like new condition. The project budget includes design, construction, administrative fees, and required Information Technology costs. Connect fuel tank level monitors to FMLive fueling sentry so data can be fed to Fleet's fuel operating system, FMLive.

Justification:

After completion, the only City of Peoria underground fuel storage tanks will be located at the MOC, thereby reducing environmental contamination risks. Fire Station No. 3 in combination with the Patrol Services Building provide secure, distributed fueling options for fire apparatus. The above ground fuel tank solution can accommodate diesel and unleaded fuels, expanding the fueling options for smaller fleet vehicles.

CAPITAL PROJECT DETAIL

Operational Facilities

Impact Fee Study

Project Number: CD00007

Project Location: Citywide

Live Peoria Goal: Smart Growth

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Study	DIF - Fire	Base	\$0	\$9,000	\$0	\$0	\$0	\$0	\$9,000	\$0	\$0	\$0	\$18,000
Study	DIF - Law Enf	Base	\$0	\$9,000	\$0	\$0	\$0	\$0	\$9,000	\$0	\$0	\$0	\$18,000
Study	DIF - Parks Zn 1	Base	\$0	\$9,000	\$0	\$0	\$0	\$0	\$9,000	\$0	\$0	\$0	\$18,000
Study	DIF - Parks Zn 2	Base	\$0	\$9,000	\$0	\$0	\$0	\$0	\$9,000	\$0	\$0	\$0	\$18,000
Study	DIF - Parks Zn 3	Base	\$0	\$9,000	\$0	\$0	\$0	\$0	\$9,000	\$0	\$0	\$0	\$18,000
Study	DIF - Streets Cent	Base	\$0	\$53,200	\$0	\$0	\$0	\$0	\$53,200	\$0	\$0	\$0	\$106,400
Study	Wastewater Expa	Carryover	\$10,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$10,000
Total Budget			\$10,000	\$98,200	\$0	\$0	\$0	\$0	\$98,200	\$0	\$0	\$0	\$206,400

Description:

This study will update City impact fees. These fees should be updated every five years to ensure that they accurately recover the cost of constructing infrastructure required by new development. The project will be coordinated with the Finance Department.

Justification:

Impact fees are updated every five years to ensure the fees cover the cost of infrastructure required by new development.

CAPITAL PROJECT DETAIL

Operational Facilities

Infrastructure Cabling

Project Number: IT00037

Project Location: Citywide

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	IT Reserve	Carryover	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000
Equipment	IT Reserve	Base	\$150,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$150,000
Total Budget			\$200,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$200,000

Description:

This project entails the network infrastructure replacement, including all network infrastructure equipment. Infrastructure cabling needs to be replaced due to aging fiber and cabling and increased connectivity demands. Funding is being requested annually to replace segments of the cabling and fiber connectivity.

Justification:

Due to the substantial investment in technology infrastructure the City has made, it is necessary to provide for the replacement of the equipment and systems to maintain existing service levels to citizens and city employees. This funding would be used to replace cabling and fiber as it reaches the end of its useful life, or as performance and/or growth issues require to maintain acceptable service levels to all city departments. This would alleviate the need to continue to ask for one-time funding during budget cycles to replace these items.

CAPITAL PROJECT DETAIL

Operational Facilities

MOC Site Lighting Improvements

Project Number: PW00402

Project Location: Municipal Operations Center

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	GO Bonds 2019	Carryover	\$29,103	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$29,103
Total Budget			\$29,103	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$29,103

Description:

A study of the current lighting at the MOC was completed in October 2016. This CIP in FY20 will provide improvements to the exterior lighting systems and reduce energy costs. The project will include engineering services, replacement of lighting fixtures with current technology LED lighting, and adding or replacing light poles to achieve a more uniformly lighted MOC yard.

Justification:

The study identified areas for improvement due largely to aged and degraded lighting fixtures.

CAPITAL PROJECT DETAIL

Operational Facilities

Municipal Complex Fountain Improvements

Project Number: CS00243

Project Location: Peoria Municipal Complex

Live Peoria Goal: Arts, Culture and Recreational Enrichment

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	Municipal Asset R Base		\$0	\$4,898	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,898
Chargebacks	Municipal Asset R Base		\$0	\$45,705	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$45,705
Construction	Municipal Asset R Base		\$0	\$439,453	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$439,453
Design	Municipal Asset R Base		\$57,000	\$50,374	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$107,374
Total Budget			\$57,000	\$540,430	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$597,430

Description:

This project entails the design and construction of hardscape, landscape, irrigation and shade improvements on the north side of the Peoria Municipal Complex (aka City Hall Campus). Improvements will demolish the decommissioned cooling tower / fountain and will remove and safely terminate formerly used campus utilities. Replacement concepts will focus on fully accessible solutions that are developed for citizen input through surveys and through the Parks & Recreation Board. Opportunities for public art may arise, but the commissioning of public art will be an independent process and separate funding.

Justification:

The large decommissioned fountain structure in the plaza originally served as the cooling tower for the municipal complex central plant. In 2009, the central plant modifications relocated the cooling tower function, relegating the fountain to a decorative campus feature. Years of deterioration of the structure due to water exposure combined with a non-accessible means of accessing the fountain justify its demolition and thoughtful re-envisioning as the arrival gateway to the municipal complex. This project's cost-timing shall consider other proposed municipal complex site improvements to avoid construction congestion.

CAPITAL PROJECT DETAIL

Operational Facilities

Municipal Complex Site Improvements

Project Number: CS00242

Project Location: Peoria Municipal Complex

Live Peoria Goal: Arts, Culture and Recreational Enrichment

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	Future GO Bonds Base		\$0	\$4,218	\$26,089	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$30,307
Chargebacks	Future GO Bonds Base		\$0	\$38,610	\$38,610	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$77,220
Construction	Future GO Bonds Base		\$0	\$0	\$2,608,877	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,608,877
Design	Future GO Bonds Base		\$0	\$421,833	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$421,833
Equipment	Future GO Bonds Base		\$0	\$0	\$51,563	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$51,563
Total Budget			\$0	\$464,661	\$2,725,139	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,189,800

Description:

This project entails the design and construction of hardscape, landscape, irrigation and shade improvements on the west side of the Peoria Municipal Complex (aka City Hall Campus). Improvements will demolish and replace the non-ADA compliant hardscape connections to the Main Library, former brook and water fall features, and will enhance pedestrian connections to Centennial Plaza, re-routing and replacement of cross campus communications infrastructure between City Hall and the Main Library.

CAPITAL PROJECT DETAIL

Operational Facilities

Neighborhood and Human Services ADA Compliance

Project Number: NH00006

Project Location: Citywide

Live Peoria Goal: Arts, Culture and Recreational Enrichment

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	General Fund	Base	\$75,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75,000
Construction	General Fund	Carryover	\$79,100	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$79,100
Total Budget			\$154,100	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$154,100

Description:

This request will address ADA deficiencies at Sunrise Family Center, the Community Center, Peoria Center for the Performing Arts, and the Womens Club.

Justification:

This request ensures Neighborhood and Human Services' facilities are in compliance with the Americans with Disabilities Act (ADA).

CAPITAL PROJECT DETAIL

Operational Facilities

Neighborhood and Human Services Facility Refurbish

Project Number: NH00007

Project Location: Citywide

Live Peoria Goal: Arts, Culture and Recreational Enrichment

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	General Fund	Base	\$154,800	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$154,800
Equipment	General Fund	Base	\$150,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$150,000
Construction	Municipal Asset R	Carryover	\$55,730	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$55,730
Construction	Percent for the A	Carryover	\$193,070	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$193,070
Total Budget			\$553,600	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$553,600

Description:

This is a request to repair, replace/refurbish items at the following locations: Community Center, Womens Club, Sunrise Family Center and the Peoria Center for the Performing Arts.

Justification:

These facilities are aging and experience heavy use by citizens and visitors to the city, resulting in these facilities showing a worn look.

CAPITAL PROJECT DETAIL

Operational Facilities

Network Infrastructure Repl - Tech Center Core

Project Number: IT00008

Project Location: Peoria Municipal Complex

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Equipment	Future GO Bonds Base		\$1,450,000	\$0	\$0	\$0	\$0	\$0	\$0	\$1,450,000	\$0	\$0	\$2,900,000
Total Budget			\$1,450,000	\$0	\$0	\$0	\$0	\$0	\$0	\$1,450,000	\$0	\$0	\$2,900,000

Description:

This project entails the network infrastructure replacement, including all network infrastructure equipment. Network equipment would be replaced as it reaches the end of its useful life (typically seven years), or as performance and/or growth issues require to provide acceptable and uninterrupted service to all city departments.

Core infrastructure in the Technology Center Data Center, including network storage, will require replacement in FY22 and FY29.

Justification:

Due to the substantial investment in technology infrastructure the City has made, it is necessary to provide for the replacement of the equipment to maintain existing service levels to citizens and city employees. This funding would be used to replace network equipment as it reaches the end of its useful life, or as performance and/or growth issues require to maintain acceptable service levels to all city departments. This would alleviate the need to continue to ask for one-time funding during budget cycles to replace these items.

CAPITAL PROJECT DETAIL

Operational Facilities

Network Infrastructure Replacement - Microwave WAN

Project Number: IT00026

Project Location: Citywide

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	IT Reserve	Carryover	\$60,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$60,000
Total Budget			\$60,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$60,000

Description:

This project entails the network infrastructure replacement, including all network infrastructure equipment. Network equipment would be replaced as it reaches the end of its useful life (typically five to seven years), or as performance and/or growth issues require to provide acceptable and uninterrupted service to all city departments.

Microwave WAN infrastructure equipment at various city locations will require replacement in FY24, FY27, and FY30.

Justification:

Due to the substantial investment in technology infrastructure the City has made, it is necessary to provide for the replacement of the equipment to maintain existing service levels to citizens and city employees. This funding would be used to replace network equipment as it reaches the end of its useful life, or as performance and/or growth issues require to maintain acceptable service levels to all city departments. This would alleviate the need to continue to ask for one-time funding during budget cycles to replace these items.

CAPITAL PROJECT DETAIL

Operational Facilities

Network Infrastructure Replacement - WiFi

Project Number: IT00036

Project Location: Citywide

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	IT Reserve	Carryover	\$88,452	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$88,452
Total Budget			\$88,452	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$88,452

Description:

This project entails the network infrastructure replacement, including all network infrastructure equipment. Network equipment and systems would be replaced as it reaches the end of its useful life (typically seven years), or as performance and/or growth issues require to provide acceptable and uninterrupted service to all city departments.

Network infrastructure equipment allowing wireless access in City facilities will require replacement in FY26.

Justification:

Due to the substantial investment in technology infrastructure the City has made, it is necessary to provide for the replacement of the equipment and systems to maintain existing service levels to citizens and city employees. This funding would be used to replace network equipment and systems as it reaches the end of its useful life, or as performance and/or growth issues require to maintain acceptable service levels to all city departments. This would alleviate the need to continue to ask for one-time funding during budget cycles to replace these items.

CAPITAL PROJECT DETAIL

Operational Facilities

Network Infrastructure Replacement-Sports Complex

Project Number: IT00019

Project Location: Peoria Sports Complex

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	IT Reserve	Carryover	\$30,214	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$30,214
Total Budget			\$30,214	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$30,214

Description:

This project entails the network infrastructure replacement, including all network infrastructure equipment. Network equipment would be replaced as it reaches the end of its useful life (typically seven years), or as performance and/or growth issues require to provide acceptable and uninterrupted service to all City departments.

Infrastructure at the Sports Complex will require replacement in FY21 and FY28.

Justification:

Due to the substantial investment in technology infrastructure the City has made, it is necessary to provide for the replacement of the equipment to maintain existing service levels to citizens and City employees. This funding would be used to replace network equipment as it reaches the end of its useful life, or as performance and/or growth issues require to maintain acceptable service levels to all City departments. This would alleviate the need to continue to ask for one-time funding during budget cycles to replace these items.

CAPITAL PROJECT DETAIL

Operational Facilities

Paloma Community Park Phase II Artwork

Project Number: NH00008

Project Location: Paloma Community Park

Live Peoria Goal: Arts, Culture and Recreational Enrichment

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	General Fund	Base	\$0	\$240,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$240,000
Total Budget			\$0	\$240,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$240,000

Description:

The proposed project would include a public call to artists for public art for the Phase II development of Paloma Park and its corresponding trail system. There will be a public process to determine the theme, medium, and other specifics for the project.

Justification:

This request is sanctioned by the Arts and Cultural Master Plan to promote art in the community.

CAPITAL PROJECT DETAIL

Operational Facilities

PCPA Ticket and Concessions Renovation

Project Number: NH00003

Project Location: 10580 N. 83rd Dr

Live Peoria Goal: Arts, Culture and Recreational Enrichment

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	General Fund	Base	\$286,120	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$286,120
Design	General Fund	Base	\$72,232	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$72,232
Other	General Fund	Base	\$26,370	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$26,370
Total Budget			\$384,722	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$384,722

Description:

This project entails an interior tenant improvement of the ticketing and concessions functions within the Peoria Center for the Performing Arts. The internal functions will be swapped to allow concessions service to the building exterior via the underutilized walk-up ticket counters. No net increase in building square footage is anticipated. The project includes the design, construction, development permits and fees, and internal project management expenses.

Justification:

The Peoria Center for the Performing Arts was designed with a small footprint concessions stand to serve a limited offering of pre-packaged snacks and beverages to patrons. The role of the PCPA has grown to become the hub of public events in Old Town Peoria. To enhance public gathering, the existing Ticket Office exterior windows can be repurposed to serve public gatherings in the PCPA plaza and Osuna Park.

CAPITAL PROJECT DETAIL

Operational Facilities

Peoria Center for Performing Arts Storage Building

Project Number: NH00002

Project Location: 10580 N. 83rd Dr

Live Peoria Goal: Arts, Culture and Recreational Enrichment

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	Percent for the A	Base	\$270,772	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$270,772
Construction	Percent for the A	Carryover	\$250,097	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$250,097
Other	Percent for the A	Base	\$26,370	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$26,370
Total Budget			\$547,239	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$547,239

Description:

The storage unit provides architecturally compatible, enclosed 528 square feet storage building located on the south side of the Peoria Center for Performing Arts. The facility will house theater equipment that currently crowds the performance venues, incurring violation notices during annual fire department inspections. The storage will also be used to house furniture, games, and stage equipment for the multitude of placemaking events in Old Town. This projects supports the arts and livability priorities of the Mayor and Council. The project includes the design, construction, development permits and fees, and internal project management expenses.

Any unspent funds from fiscal year 2021 are to be carried over.

Justification:

This project will free up space inside the theater and ensure compliance to fire code and safety.

CAPITAL PROJECT DETAIL

Operational Facilities

Public Safety Admin Building EOC Renovations

Project Number: PW00540

Project Location: Peoria Municipal Complex

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	Future GO Bonds Base		\$0	\$4,915	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,915
Chargebacks	Future GO Bonds Base		\$0	\$36,900	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$36,900
Construction	Future GO Bonds Base		\$0	\$431,139	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$431,139
Design	Future GO Bonds Base		\$0	\$60,366	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$60,366
Equipment	Future GO Bonds Base		\$0	\$16,741	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$16,741
Total Budget			\$0	\$550,061	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$550,061

Description:

This project entails the renovation of multiple conference rooms and the computer training lab in the Public Safety Administration Building to better accommodate the City's Emergency Operations Center (EOC). Now nearly 20 years old, existing building conference rooms serve as the EOC during times of activation. This tenant improvement will refresh the carpet, finishes, and lighting in the highly used Peoria conference room and will reconfigure the adjacent computer lab, Arizona conference room, and computer training lab allowing EOC equipment to be deployed for training and maintenance. The capital budget includes design, development fees, construction, and any necessary information technology expenditures. In addition, remaining savings from project budget will be used to purchase other items such as furniture.

Justification:

The laptops and phones used during EOC activation are relegated to storage carts when not in use and readiness and technology maintenance setups of the room regularly conflict with conference room demands. The Peoria Room is one of the city's most frequently used large conference spaces utilized by all departments within the city for meetings and training. Its frequent use has accelerated the wear of the carpet and first generation LED lighting retrofits have now yellowed, both needing replacement. The spaces adjacent to the Peoria Room can be reconfigured for greater space efficiency and enhanced functionality.

CAPITAL PROJECT DETAIL

Operational Facilities

Public Safety Building Needs

Project Number: PW00090

Project Location: Citywide

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	General Fund	Carryover	\$6,084	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,084
Equipment	Municipal Asset R	Base	\$262,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$262,000
Total Budget			\$268,084	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$268,084

Description:

1. Replace HVAC units at the Fire Support Services Facility (3 Units), Fire Stations 196 and 197 (6 units each = 12 Units) for a total of 15 units for a total cost of \$195,000. To also include the installation of bi-polar ionization technology to improve the air quality of the facilities at a cost of \$22K.
2. Install bi-polar ionization to the AC Units at Fire Stations 193,194, 195, 196, and 199 (35 Units at \$45K)

Justification:

1. The units in this request have reached or about to reach the end of the 15 year life cycle for package/split units in a commercial environment. In addition to the age of the units, the majority of them function on R-22 refrigerant. As of January 1, 2020 the production and import of R-22 is illegal in the United States. Since January 2020, the global supply of new refrigerant has shrunk. This has sent the refrigerant cost soaring, and manufacturers of R-22 mechanical system parts have started winding down production driving up the cost of routine maintenance and repairs to unsustainable levels. We have already had difficulty sourcing some parts. Thus, due to the equipment approaching or exceeding estimate lifecycle replacement and the increasing cost of maintenance we recommend the replacement of the HVAC units. The bi-polar technology will improve the overall air quality to include minimizing the effects of mold, bacteria, viruses, and VOC's.

CAPITAL PROJECT DETAIL

Operational Facilities

Radio Subscriber Replacements

Project Number: IT00018

Project Location: Citywide

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	IT Reserve	Carryover	\$166,618	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$166,618
Equipment	IT Reserve	Base	\$254,000	\$254,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$508,000
Total Budget			\$420,618	\$254,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$674,618

Description:

The City's subscriber radio units deployed citywide will require replacement because they've reached the end of their life. Subscriber replacements began in FY16 and will continue through FY23.

Justification:

The radio subscriber units have reached the end of their life and must be replaced in order for the city's public safety and general government personnel to be able to continue to communicate on the RWC radio system.

CAPITAL PROJECT DETAIL

Operational Facilities

Renovate Main Library

Project Number: PW00509

Project Location: Peoria Municipal Complex

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	Future GO Bonds	Carryover	\$2,760,884	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,760,884
Equipment	Future GO Bonds	Base	\$142,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$142,000
Construction	GO Bonds 2019	Carryover	\$206,495	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$206,495
Study	GO Bonds 2019	Carryover	\$3,314	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,314
Total Budget			\$3,112,693	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,112,693

Total Operating Impacts	\$13,950	\$14,369	\$14,800	\$15,244	\$15,701	\$16,172	\$16,657	\$17,157	\$17,671	\$18,202	\$159,923
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Description:

The Main Library, constructed in 1991, had had no major renovations or furniture replacements since its construction. This project originally planned for interior and building systems refurb/replacement. In FY17, furniture modernization was prioritized; FY18 focused on fixed seating and ADA enhancements in the Willow Room, roof and HVAC system repairs, while developing a strategic plan for service delivery that includes citizen engagement and will inform how Main Library renovations will respond to system-wide needs. In FY20 and FY21, the Main Library underwent a first phase of interior renovations and fire alarm system upgrades, followed by a second phase of exterior patio and site improvements, each designed to improve the library patron experience and enliven the outdated concrete plaza in favor of comfortable shade and event friendly spaces. The additional request in FY22 is for an Automated Handling System (AMH) that will provide efficient and reliable check-in and pre-sorting of materials. In addition, this system promotes reduced customer contact and will streamline workflow practices.

Justification:

This request will provide needed refurbishments to the building's major components and address the evolving business model of public libraries.

CAPITAL PROJECT DETAIL

Operational Facilities

Roof Replacement

Project Number: PW00150

Project Location: Peoria Municipal Complex

Live Peoria Goal: Smart Growth

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	Future GO Bonds Base		\$0	\$0	\$0	\$16,573	\$0	\$0	\$0	\$0	\$0	\$0	\$16,573
Chargebacks	Future GO Bonds Base		\$0	\$0	\$0	\$15,000	\$0	\$0	\$0	\$0	\$0	\$0	\$15,000
Construction	Future GO Bonds Base		\$0	\$0	\$0	\$1,657,308	\$0	\$0	\$0	\$0	\$0	\$0	\$1,657,308
Total Budget			\$0	\$0	\$0	\$1,688,881	\$0	\$0	\$0	\$0	\$0	\$0	\$1,688,881

Description:

The City Hall roof will be in excess of 30 years old in FY25 when the replacement roof is recommended for restoration. The replacement will include a complete replacement of the underlayment, new tiles and flashing material. In FY2017, the four corner ridges of the City Hall roof were repaired at a cost of \$16K. (\$1,657,000 FY25).

Justification:

The life expectancy for a tile roof such as City Hall is 30 years. We have identified an increase in leaks and deterioration in the underlayment and associated flashing. The replacement is necessary to prevent damage due to leaks.

CAPITAL PROJECT DETAIL

Parks & Recreation

99th Ave and Olive Trailhead

Project Number: CS00088

Project Location: 99th Av & Olive Av

Live Peoria Goal: Arts, Culture and Recreational Enrichment

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	Future GO Bonds	Base	\$2,600,336	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,600,336
Study	Outside Sources	Carryover	\$27,926	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$27,926
Total Budget			\$2,628,262	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,628,262

Total Operating Impacts	\$133,481	\$105,181	\$105,181	\$105,181	\$105,181	\$105,181	\$105,181	\$105,181	\$105,181	\$105,181	\$105,181	\$105,181	\$1,080,110
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Description:

This project is for design and construction of an access point to the New River Trail system with comfort facilities such as a shade ramadas, drinking fountain, and resting areas. Coordination is necessary with the Maricopa County Flood Control District through the existing IGA. The extent of remediation of buried landfill debris within the trailhead and access road impact area is under evaluation. A \$165,000 US EPA Brownfield assessment grant was received in FY 2019 and will fund environmental assessment professional services prior to any final land acquisition.

Justification:

This project is consistent with the Community Services Master Plan and the West Valley Corridor plan to provide a trailhead and comfort station along the New River Trail system at various points. Despite the costs to mitigate buried landfill debris, this trailhead site remains advantageous given a presumed land cost of zero dollars and its adjacency to the recently completed New River Trail between Northern and Olive.

CAPITAL PROJECT DETAIL

Parks & Recreation

Airnasium at Neighborhood Parks

Project Number: CS00235

Project Location: Citywide

Live Peoria Goal: Arts, Culture and Recreational Enrichment

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	Future GO Bonds Base		\$0	\$0	\$0	\$870	\$6,441	\$0	\$0	\$0	\$0	\$0	\$7,311
Chargebacks	Future GO Bonds Base		\$0	\$0	\$0	\$36,450	\$36,450	\$0	\$0	\$0	\$0	\$0	\$72,900
Construction	Future GO Bonds Base		\$0	\$0	\$0	\$87,000	\$570,106	\$0	\$0	\$0	\$0	\$0	\$657,106
Construction	Future GO Bonds Carryover		\$600,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$600,000
Design	Future GO Bonds Base		\$0	\$0	\$0	\$0	\$74,002	\$0	\$0	\$0	\$0	\$0	\$74,002
Total Budget			\$600,000	\$0	\$0	\$124,320	\$686,999	\$0	\$0	\$0	\$0	\$0	\$1,411,319

Description:

As a citywide initiative, staff continues to seek opportunities for increasing the amount of shaded play, activity, and fitness features in neighborhoods. As such, this project provides capacity for two additional neighborhood park airnasiums—a steel shade canopy installed at current basketball/activity courts.

Justification:

Part of the shade initiative program’s intent is to create desirable, year-round, useable play and fitness covered surfaces in the neighborhood parks, which this project will contribute to this goal.

CAPITAL PROJECT DETAIL

Parks & Recreation

Aloravita South Neighborhood Park

Project Number: CS00130

Project Location: Northern Peoria

Live Peoria Goal: Arts, Culture and Recreational Enrichment

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	DIF - Parks Zn 2	Base	\$0	\$0	\$0	\$0	\$0	\$8,449	\$0	\$0	\$0	\$0	\$8,449
Chargebacks	DIF - Parks Zn 2	Base	\$0	\$0	\$0	\$0	\$0	\$18,690	\$0	\$0	\$0	\$0	\$18,690
Construction	DIF - Parks Zn 2	Base	\$0	\$0	\$0	\$0	\$0	\$844,924	\$0	\$0	\$0	\$0	\$844,924
Land Acquisitio	DIF - Parks Zn 2	Base	\$0	\$0	\$0	\$0	\$0	\$2,127,937	\$0	\$0	\$0	\$0	\$2,127,937
Arts	Future GO Bonds	Base	\$0	\$0	\$0	\$0	\$0	\$13,227	\$122,833	\$0	\$0	\$0	\$136,060
Chargebacks	Future GO Bonds	Base	\$0	\$0	\$0	\$0	\$0	\$29,258	\$47,948	\$0	\$0	\$0	\$77,206
Construction	Future GO Bonds	Base	\$0	\$0	\$0	\$0	\$0	\$1,322,720	\$12,283,319	\$0	\$0	\$0	\$13,606,039
Equipment	Future GO Bonds	Base	\$0	\$0	\$0	\$0	\$0	\$0	\$87,659	\$0	\$0	\$0	\$87,659
Land Acquisitio	Future GO Bonds	Base	\$0	\$0	\$0	\$0	\$0	\$3,331,262	\$0	\$0	\$0	\$0	\$3,331,262
Total Budget			\$0	\$0	\$0	\$0	\$0	\$7,696,467	\$12,541,759	\$0	\$0	\$0	\$20,238,226

Total Operating Impacts	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$223,485	\$194,985	\$194,985	\$613,455
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Description:

This project is 15 to 20 acres and includes land acquisition, design and construction of a neighborhood park with typical amenities such as playgrounds, picnic shelters, hard court surfacing, landscaping, restroom, possible lighted multi-use fields, etc.

Justification:

This park has been identified in the sale of State Land and has been master planned. As the planned development moves forward, staff will coordinate park location that is consistent within the square mile of development, and development fees will be used to develop the neighborhood park.

Moreover, voter approval is required to increase the debt issuance limit of general obligation (G.O.) bonds for park and trail type capital projects beginning in FY24.

CAPITAL PROJECT DETAIL

Parks & Recreation

Ball Field Lighting

Project Number: CS00195

Project Location: 95th Av & Williams Rd

Live Peoria Goal: Arts, Culture and Recreational Enrichment

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	Future GO Bonds	Carryover	\$40,150	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$40,150
Construction	GO Bonds 2019	Carryover	\$238,250	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$238,250
Total Budget			\$278,400	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$278,400

Total Operating Impacts			\$16,000	\$16,000	\$16,000	\$16,000	\$16,000	\$16,000	\$16,000	\$16,000	\$16,000	\$0	\$144,000
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Description:

This project entails the installation of multi-use field lighting in northern part of the City as parks are developed. A current site under review is the Meadows Park which will be next to a potential future school site.

Justification:

As identified in our Community Services Master Plan there is a need for lighted ballfields in the northern part of the City.

CAPITAL PROJECT DETAIL

Parks & Recreation

Centennial Plaza Decades Walk Expansion 10-20 Yrs

Project Number: CS00229

Project Location: Peoria Municipal Complex

Live Peoria Goal: Arts, Culture and Recreational Enrichment

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	General Fund	Base	\$162,559	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$162,559
Construction	General Fund	Carryover	\$125,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$125,000
Design	General Fund	Base	\$28,530	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28,530
Total Budget			\$316,089	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$316,089

Description:

This project enhances the Centennial Plaza Decades Walk with a plaza node to honor the City, State, and Federal historic events from 2012-2032 (20 years). The node establishes a framework for continuing the presentation of history the 100 years following the Arizona Centennial. Improvements will be made adjacent to the Decades Walk and will include hardscape, landscape, and vertical walls upon which to capture the historic events, lighting, signage, and directional wayfinding.

Justification:

The existing Decades Walk concluded with the Arizona Centennial in 2012.

CAPITAL PROJECT DETAIL

Parks & Recreation

Country Meadows Park Improvements

Project Number: CS00203

Project Location: W. Butler Dr & N. 111th Av

Live Peoria Goal: Arts, Culture and Recreational Enrichment

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	Future GO Bonds	Carryover	\$400,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$400,000
Total Budget			\$400,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$400,000

Description:

This project entails updating park amenities that was determined through a public input process in FY20. The City will utilize its contracted Parks Job Order Contractor(s) to advise on project costs and for project construction in FY21. Amenities at Country Meadows Park will include an airnasium, minor enhancements of existing playgrounds, fall surfacing, lighting repairs, and/or a restroom refresh undertaken concurrently.

Justification:

Country Meadows Park was constructed in the late 1990's. Residential growth in the Pine District and the proximity to the adjacent school has led to increased utilization of the park. This park is of a size that can accommodate one or more additional park amenities without compromising the open turf park character.

CAPITAL PROJECT DETAIL

Parks & Recreation

Inclusive Playground at Rio Vista Community Park

Project Number: CS00205

Project Location: Rio Vista Community Park

Live Peoria Goal: Arts, Culture and Recreational Enrichment

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	Future GO Bonds	Carryover	\$1,159,380	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,159,380
Total Budget			\$1,159,380	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,159,380

Description:

This project entails installing/replacing inclusive/accessible play areas at Rio Vista Community Park. This request expands the amenities offered to an expanded population.

Justification:

There is a desire to have these type of amenities in city parks.

CAPITAL PROJECT DETAIL

Parks & Recreation

Irrigation and Turf Improvements Program

Project Number: CS00208

Project Location: Citywide

Live Peoria Goal: Arts, Culture and Recreational Enrichment

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	General Fund	Base	\$200,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$200,000
Other	General Fund	Carryover	\$200,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$200,000
Total Budget			\$400,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$400,000

Description:

As a result of the Irrigation and Turf Reduction study, we are proposing the process to become more resourceful and sustainable with our water resources. The study has specifically identified key areas and strategies that we are looking to implement and execute for the long-term savings, stewardship, and vegetative quality of park sites. The focus is to execute turf reduction strategies identified in the turf and irrigation reduction study. Turf areas identified for reduction are non-use areas that require additional resources to maintain. The enhancements will provide a better quality turf to the remaining area due to the ability to reallocate resources to a smaller defined area. Projects may include a renovation or infrastructure enhancements that are needed such as pump starters, mainline upsizing and valve replacements. The study identified that the divisions are watering to their budget, but below expected plant requirements. The reduction will allow to enhance existing sites without increasing water costs. The location(s) will be based on a prioritized list.

Justification:

The project will result in long term benefits to the allocation of parks maintenance resources, water allotments and park users experience in turf areas. The primary focus is to be a leader of environmental stewardship by promoting sustainable landscape principles.

CAPITAL PROJECT DETAIL

Parks & Recreation

Lone Mountain Parkway Trail System

Project Number: CS00209

Project Location: Lone Mountain Pkwy from LPP to L303

Live Peoria Goal: Integrated Transportation

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	Future GO Bonds Base		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,000	\$30,000	\$33,000
Chargebacks	Future GO Bonds Base		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$68,000	\$112,000	\$180,000
Construction	Future GO Bonds Base		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$20,000	\$0	\$3,000,000	\$3,020,000
Design	Future GO Bonds Base		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$300,000	\$0	\$300,000
Land Acquisition	Future GO Bonds Base		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$220,000	\$0	\$220,000
Study	Future GO Bonds Base		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$200,000	\$0	\$0	\$200,000
Total Budget			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$220,000	\$591,000	\$3,142,000	\$3,953,000

Total Operating Impacts	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$39,973	\$119,746	\$159,719
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Description:

This project provides for the coordination with adjacent property owners, public involvement, design, right-of-way acquisition, utility coordination, utility relocation, burying overhead facilities, construction and construction administration. This project will convert the 25' wide aggregate base course (ABC) maintenance road constructed for the water line to a 12' AC trail and an 8' soft trail with 2' shoulders on each side, installation of three strand wire fence and gates along both sides of the trail to prohibit trespassing onto adjacent properties, constructing culverts at the low water crossings (11 each) and a bridge over the Beardsley Canal. This project may also require processing of utility company (APS, Cox, CenturyLink, SRP, EPNG, SWG, etc.) design and construction agreements, development and intergovernmental agreements.

Justification:

The Lone Mountain Pkwy water line is currently being constructed. As part of the water line construction, a 25' wide ABC maintenance road will be constructed. Vistancia residents, the Trilogy Bike Club and others have requested that the City consider construction of a trail along the water line. Staff will investigate the possibility of converting the maintenance road in to a trail. This conversion will require a significant amount of coordination with the adjacent owners, Arizona State Land Department (ASLD) and Bureau of Land Management (BLM).

CAPITAL PROJECT DETAIL

Parks & Recreation

Mountain Trail/Preserve Improvements

Project Number: CS00217

Project Location: Peoria Mountain Preserve

Live Peoria Goal: Arts, Culture and Recreational Enrichment

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	Future GO Bonds Base		\$434,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$434,000
Total Budget			\$434,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$434,000

Total Operating Impacts	\$0	\$42,000	\$42,000	\$42,000	\$42,000	\$42,000	\$42,000	\$42,000	\$42,000	\$42,000	\$42,000	\$42,000	\$378,000
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Description:

This project entails improving the existing soft surface trails on Sunrise Mountain, East Wing, Calderwoode Butte and WestWing Mountain and enhance the safety and sustainability of our preserve areas. In addition to soft surface trail improvements, this project will be utilized to eliminate wildcat trails and improve drainage impacts on designated trails.

Justification:

Sunrise Mountain was purchased in 2016 as a recreational and preservation asset for the citizens of Peoria. As citizens begin to utilize the asset, it is important that we identify, communicate and provide safe trails for patrons to utilize. The intent of all of our hiking trails is to provide an outlet for citizens to escape the developed urban environment within our own community. As development occurs, these areas' value increases as well as their use. It is important that we have trails appropriately identified and marked to ensure the preservation of our natural resource remain intact. The improvements will also allow us to focus our maintenance regiment, signage packages and promotion of these unique assets.

CAPITAL PROJECT DETAIL

Parks & Recreation

Neighborhood Park at Mystic

Project Number: CS00192

Project Location: Mystic

Live Peoria Goal: Arts, Culture and Recreational Enrichment

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	DIF - Parks Zn 3	Base	\$0	\$0	\$4,050	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,050
Chargebacks	DIF - Parks Zn 3	Base	\$0	\$0	\$17,385	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$17,385
Construction	DIF - Parks Zn 3	Base	\$0	\$0	\$405,005	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$405,005
Land Acquisitio	DIF - Parks Zn 3	Base	\$0	\$0	\$1,073,560	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,073,560
Arts	Future GO Bonds	Base	\$0	\$0	\$7,120	\$63,295	\$0	\$0	\$0	\$0	\$0	\$0	\$70,415
Chargebacks	Future GO Bonds	Base	\$0	\$0	\$30,563	\$47,948	\$0	\$0	\$0	\$0	\$0	\$0	\$78,511
Construction	Future GO Bonds	Base	\$0	\$0	\$711,970	\$6,329,525	\$0	\$0	\$0	\$0	\$0	\$0	\$7,041,495
Land Acquisitio	Future GO Bonds	Base	\$0	\$0	\$1,887,250	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,887,250
Total Budget			\$0	\$0	\$4,136,903	\$6,440,768	\$0	\$0	\$0	\$0	\$0	\$0	\$10,577,671

Total Operating Impacts	\$0	\$0	\$0	\$176,772	\$138,272	\$0	\$148,272	\$148,262	\$148,262	\$148,262	\$908,102
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Description:

This park is 10 acres and improvements will include land acquisition, design and construction of a neighborhood park with typical amenities such as: playground, picnic shelters, restroom, parking, turf area, hard court surfacing, lighted ball fields, etc.

Justification:

This project will be based on growth.

Moreover, voter approval is required to increase the debt issuance limit of general obligation (G.O.) bonds for park and trail type capital projects beginning in FY24.

CAPITAL PROJECT DETAIL

Parks & Recreation

Neighborhood Park at Northpoint (Vistancia)

Project Number: CS00159

Project Location: Vistancia

Live Peoria Goal: Arts, Culture and Recreational Enrichment

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	DIF - Parks Zn 3	Base	\$0	\$0	\$4,086	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,086
Chargebacks	DIF - Parks Zn 3	Base	\$0	\$0	\$14,705	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$14,705
Construction	DIF - Parks Zn 3	Base	\$0	\$0	\$408,606	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$408,606
Land Acquisitio	DIF - Parks Zn 3	Base	\$0	\$0	\$1,072,603	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,072,603
Arts	Future GO Bonds	Base	\$0	\$0	\$9,238	\$75,500	\$0	\$0	\$0	\$0	\$0	\$0	\$84,738
Chargebacks	Future GO Bonds	Base	\$0	\$0	\$33,243	\$47,948	\$0	\$0	\$0	\$0	\$0	\$0	\$81,191
Construction	Future GO Bonds	Base	\$0	\$0	\$923,752	\$7,550,027	\$0	\$0	\$0	\$0	\$0	\$0	\$8,473,779
Equipment	Future GO Bonds	Base	\$0	\$0	\$0	\$22,253	\$0	\$0	\$0	\$0	\$0	\$0	\$22,253
Land Acquisitio	Future GO Bonds	Base	\$0	\$0	\$2,424,879	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,424,879
Total Budget			\$0	\$0	\$4,891,112	\$7,695,728	\$0	\$0	\$0	\$0	\$0	\$0	\$12,586,840

Total Operating Impacts	\$0	\$0	\$0	\$0	\$153,054	\$153,054	\$153,054	\$153,054	\$153,054	\$153,084	\$918,354
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Description:

This park is 12 acres and improvements will include land acquisition, design and construction of a neighborhood park with typical amenities, such as a playground, picnic shelters, restroom, parking, turf area, hard court surfacing, lighted ball fields, etc.

Justification:

This project will be based on growth.

Moreover, voter approval is required to increase the debt issuance limit of general obligation (G.O.) bonds for park and trail type capital projects beginning in FY24.

CAPITAL PROJECT DETAIL

Parks & Recreation

Neighborhood Parks Renovation Program

Project Number: CS00019

Project Location: Citywide

Live Peoria Goal: Arts, Culture and Recreational Enrichment

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	General Fund	Base	\$0	\$3,154	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,154
Construction	General Fund	Base	\$0	\$315,400	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$315,400
Total Budget			\$0	\$318,554	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$318,554

Description:

This program entails the partial renovation/refresh of existing City maintained neighborhood parks, which include heavy vegetative cleanup with tree crown cleaning and shrub cleanup, irrigation repairs/replacement to landscape drip systems as necessary, replacement of lost trees and/or shrubs and top-dress existing granite with new granite or stabilized DG (depending on site conditions), playground replacements and utility location services for tree planting. Option to review turf grass condition to apply where appropriate. In addition, this program will work in combination with Facilities requests, such as the soft scrap from the curb into the park to provide an aesthetically pleasing view from the roadway and matching with the improvement from the outer ring to improvements within the park. It will allow staff to place and reconfigure the right tree/plant in the proper place. An example would be removing Sissoo trees away from sidewalks and replanting with an appropriate species that will not impact walkways. The locations will be based on a prioritized list. The PRCF department utilizes a staff driven review with specific rating criteria to prioritize and rate the parks and basins for projecting programmatic renovations to specific locations. The reviews are conducted annually and are flexible to allow for the management of any updates of the prioritization list of projects. This allows the leveraging for contract pricing and combination of projects and potential sites. Typically, a program allows for two parks and retention basins to be refreshed on an annual basis. The department's goal is to provide these renovation programs in an equitable manner across the parks and retention basins in the City.

Justification:

This project supports the Mayor and Council's Arts, Culture and Recreational Enrichment goal, which aims to beautify existing parks in Peoria and make them more welcoming to the public.

CAPITAL PROJECT DETAIL

Parks & Recreation

New River Trail - Happy Valley Rd to Jomax

Project Number: CS00165

Project Location: New River - South of HVR to Jomax Rd (East Side)

Live Peoria Goal: Arts, Culture and Recreational Enrichment

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	Future GO Bonds Base		\$0	\$0	\$0	\$2,500	\$14,000	\$20,000	\$0	\$0	\$0	\$0	\$36,500
Chargebacks	Future GO Bonds Base		\$0	\$0	\$0	\$68,000	\$21,000	\$133,000	\$0	\$0	\$0	\$0	\$222,000
Construction	Future GO Bonds Base		\$0	\$0	\$0	\$0	\$0	\$2,000,000	\$0	\$0	\$0	\$0	\$2,000,000
Design	Future GO Bonds Base		\$0	\$0	\$0	\$250,000	\$0	\$0	\$0	\$0	\$0	\$0	\$250,000
Land Acquisition	Future GO Bonds Base		\$0	\$0	\$0	\$0	\$1,400,000	\$0	\$0	\$0	\$0	\$0	\$1,400,000
Total Budget			\$0	\$0	\$0	\$320,500	\$1,435,000	\$2,153,000	\$0	\$0	\$0	\$0	\$3,908,500

Total Operating Impacts	\$0	\$0	\$0	\$0	\$0	\$17,833	\$17,833	\$17,833	\$17,833	\$17,833	\$89,165
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Description:

This project provides for the coordination with adjacent property owners, public involvement, design, ROW acquisition, utility coordination, utility relocation, construction and construction administration for the New River trail along the east side of New River extending from south of Happy Valley Road to Jomax Road. The improvements will include: clearing and grubbing construction of 12' wide concrete trail with an 8' soft trail and 2' shoulders, pedestrian bridges, drainage facilities, environmental clearances and hydro seeding. This project may also require processing of utility company (APS, Cox, Qwest, SRP, EPNG, SWG, etc.) design and construction agreements, development and intergovernmental agreements.

Justification:

The City of Peoria General Plan - Circulation Element recommends developing a continuous multi-modal plan to include a trail system in accordance with the Trails Master Plan. The Community Services Master Plan recommends that the trail system be expanded along rivers and washes, connected to developments and ultimately the Maricopa Regional Trail System. Phases 1 and 2 of this project will extend the trail system along the east side of New River from Happy Valley Rd to Jomax Rd. The City applied for and anticipates receiving federal funding to prepare a project assessment and 15% plans for the New River Trail (east side) from Happy Valley Rd to Jomax Rd and the Hatfield Power Line Corridor Trail System from New River to 107th Avenue. Once the PA and 15% plans are completed, staff will program funding for the design, land acquisition and construction for only the section of the New River Trail from south of Happy Valley Rd to Jomax Rd. Funding for the design, land acquisition and construction for the Hatfield Power Line Corridor Trail System will be programmed at a later date.

Moreover, voter approval is required to increase the debt issuance limit of general obligation (G.O.) bonds for park and trail type capital projects beginning in FY24.

CAPITAL PROJECT DETAIL

Parks & Recreation

New River Trail - Villa Lindo and Pinnacle Pk

Project Number: CS00196

Project Location: West Side New River; Pinnacle Pk Rd to Happy Valley Rd

Live Peoria Goal: Arts, Culture and Recreational Enrichment

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	Future GO Bonds Base		\$0	\$0	\$0	\$0	\$0	\$2,500	\$21,000	\$0	\$0	\$0	\$23,500
Chargebacks	Future GO Bonds Base		\$0	\$0	\$0	\$0	\$20,000	\$50,000	\$83,000	\$0	\$0	\$0	\$153,000
Construction	Future GO Bonds Base		\$0	\$0	\$0	\$0	\$0	\$0	\$2,100,000	\$0	\$0	\$0	\$2,100,000
Design	Future GO Bonds Base		\$0	\$0	\$0	\$0	\$0	\$250,000	\$0	\$0	\$0	\$0	\$250,000
Study	Future GO Bonds Base		\$0	\$0	\$0	\$0	\$160,000	\$0	\$0	\$0	\$0	\$0	\$160,000
Total Budget			\$0	\$0	\$0	\$0	\$180,000	\$302,500	\$2,204,000	\$0	\$0	\$0	\$2,686,500

Total Operating Impacts	\$0	\$0	\$0	\$0	\$0	\$0	\$47,000	\$47,000	\$47,000	\$47,000	\$188,000
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Description:

This project provides for the coordination with adjacent property owners, public involvement, a study phase which will include: assessing the feasibility of various trail alignment alternatives, identifying amenities, trail easements, 404 issues, environmental issues, archeological issues. The study will refine the plan for one alternative and complete an in-depth evaluation of the approximate costs and impacts and prepare concept level 15% plans. The project also includes the design, ROW acquisition, utility coordination, utility relocation, extending utilities, construction and construction administration for two sections of New River Trail: 1. approximately 1,800 ft. of new concrete trail along the west side of New River from the proposed Riverwalk subdivision to the south boundary of the Caballos Del Rio subdivision and 2. approximately 1,000 ft. of new concrete trail along Pinnacle Pk Rd extending from the Riverwalk subdivision trail, a pedestrian bridge over New River and a connection to the trail on the east side of New River. The improvements will include: acquisition of necessary trail easements, environmental evaluation, clearing and grubbing, excavation and grading, construction of a 12' wide concrete trail, a 8' wide soft trail, and the construction of a pedestrian bridge. The proposed trail will follow existing dirt paths. This project may also require processing of utility company (APS, Cox, Qwest, SRP, EPNG, SWG, etc.) design and construction agreements, development and intergovernmental agreements.

Justification:

The City's Community Services Master Plan identifies multi-use trails to be constructed in the northern portion of the City and recommends that trail system be extended and to create walking loops where possible, specifically, the City should consider formally identifying walking/running loops in as many existing and future facilities when possible and adding mileage markers to encourage active use of the walks and paths as part of resident's daily exercise routines.

Moreover, voter approval is required to increase the debt issuance limit of general obligation (G.O.) bonds for park and trail type capital projects beginning in FY24.

CAPITAL PROJECT DETAIL

Parks & Recreation

New River Trail Connections

Project Number: CS00202

Project Location: Citywide

Live Peoria Goal: Arts, Culture and Recreational Enrichment

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	Future GO Bonds	Carryover	\$312,698	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$312,698
Land Acquisition	Future GO Bonds	Carryover	\$30,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$30,000
Total Budget			\$342,698	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$342,698

Description:

This project provides for the coordination with adjacent property owners, public involvement, design, ROW acquisition, utility coordination, utility relocation, construction and construction administration for 7 trail connections between existing developments and the New River Trail System throughout the City. The improvements will include: clearing and grubbing, grading, construction of new sections of trail connecting the New River Trail System to adjacent development. This project may also require processing of utility company (APS, Cox, Qwest, SRP, EPNG, SWG, etc.) design and construction agreements, development and intergovernmental agreements.

Justification:

There are 7 developments that have on-site pedestrian access that is stubbed out close to the New River Trail, which the areas are identified as the following: Sparrow Ranch, Desert Harbor Parcel 18 (CIGNA Medical Group), Freedom Plaza, Desert Vista Place, Arrowhead Mall, SC Townhouse Manufactured Community (2 connections). This project will dedicate the easements and construct the trail connections between the developments and the New River Trail System providing new and easier access to the New River Trail System. These connections will bring the trail segments to ADA standards.

CAPITAL PROJECT DETAIL

Parks & Recreation

New River Trail Pedestrian & Shade Program

Project Number: EN00750

Project Location: New River Trail - Northern Av to Happy Valley Rd

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	Future GO Bonds Base		\$0	\$1,200	\$4,700	\$0	\$0	\$0	\$785	\$2,990	\$0	\$0	\$9,675
Chargebacks	Future GO Bonds Base		\$0	\$0	\$49,870	\$0	\$0	\$0	\$0	\$47,180	\$0	\$0	\$97,050
Construction	Future GO Bonds Base		\$0	\$0	\$847,000	\$0	\$0	\$0	\$0	\$300,000	\$0	\$0	\$1,147,000
Design	Future GO Bonds Base		\$0	\$120,000	\$0	\$0	\$0	\$0	\$78,500	\$0	\$0	\$0	\$198,500
Land Acquisitio	Future GO Bonds Base		\$0	\$150,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$150,000
Total Budget			\$0	\$271,200	\$901,570	\$0	\$0	\$0	\$79,285	\$350,170	\$0	\$0	\$1,602,225

Total Operating Impacts	\$0	\$0	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$80,000
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Description:

The New River Trail Pedestrian and Shade Initiative Program will enhance pedestrian shade and walkability by adding improvements to the existing New River Trail at various locations. Locations that may receive improvements include: New River Trail and Happy Valley Rd, Peoria Av and New River, Thunderbird Av and New River Trail, Ross Av/70th Av and New River Trail, and other New River Trail locations. Improvements may include shade trees, landscaping, landscape irrigation, streetlights equipped with shade canopies, shade structures, benches, pedestrian and canopy lighting, trash receptacles and other amenities. Project may require removal of existing sidewalk, ADA ramps, site grading (fill) and other miscellaneous features. This project may also require processing of utility company (APS, Cox, CenturyLink, SRP, EPNG, SWG, etc.) design and construction agreements, development, and intergovernmental agreements.

Justification:

The New River Trail Pedestrian and Shade Initiative Program will implement such strategies as targeting high incidence areas, improve pedestrian networks and connectivity, emphasize pedestrians and bikes in planning, construct corridors and intersection improvements, upgrade pedestrian signals, enhance lighting, modify behaviors through education and enforcement. To help get these materials into use and encourage safety in and around our trails, parks, streets, bus stops, transit stations, and other multi-modal connections, staff will engage safety experts, existing and new stakeholders, local officials, and the public on a range of targeted strategies.

CAPITAL PROJECT DETAIL

Parks & Recreation

New River Trail; Williams Rd to Happy Valley Rd

Project Number: CS00128

Project Location: E/O New River; Pinnacle Peak Rd and Happy Valley Rd

Live Peoria Goal: Arts, Culture and Recreational Enrichment

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	Future GO Bonds	Carryover	\$192,578	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$192,578
Construction	GO Bonds 2019	Carryover	\$105,263	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$105,263
Land Acquisition	Non-Bond Capital	Carryover	\$6,341	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,341
Total Budget			\$304,182	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$304,182

Total Operating Impacts	\$14,000	\$27,500	\$27,500	\$27,500	\$27,500	\$27,500	\$27,500	\$27,500	\$27,500	\$27,500	\$27,500	\$261,500
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Description:

New River Trail; Williams Rd to Happy Valley Rd. This project is separated into 2 Phases; Phase 1 - Williams Rd to Pinnacle Pk Rd and, Phase 2 - Pinnacle Pk Rd to Happy Valley Rd.

Phase 1 - Provides for the coordination with the City of Glendale, adjacent property owners, public involvement, design, ROW acquisition, utility coordination, construction and construction administration for the construction of the low-water crossing at New River connecting the City's trail that terminates at Williams Rd on the west side of New River to the City of Glendale's New River Trail Path to be located on the east side of New River. Glendale's trail will extend from Hillcrest Blvd to Pinnacle Pk Rd. The trail project was completed in March 2019. Phase 2 - Provides for the coordination with adjacent property owners, public involvement, design, land acquisition, utility coordination, construction and construction administration for the remaining sections of the trail along the east side of New River and extending from Pinnacle Peak Road to south of Happy Valley Road.

The improvements will include: clearing and grubbing, obtaining new easements, construction of a concrete trail. This project may also require processing of design and construction agreements, development and intergovernmental agreements. The design and land acquisition phases of the trail are in progress.

Justification:

The City of Peoria General Plan - Circulation Element recommends developing a continuous multi-modal plan to include a trail system in accordance with the Trails Master Plan. The Community Services Master Plan recommends that the trail system be expanded along rivers and washes, connected to developments and ultimately the Maricopa Regional Trail System. Phases 1 and 2 of this project will extend the trail system along the east side of New River from Williams Rd to Happy Valley Rd.

CAPITAL PROJECT DETAIL

Parks & Recreation

NRT - Jomax Rd to CAP and CAP to LPP

Project Number: CS00162

Project Location: New River - Jomax Rd to CAP and along CAP to LPP

Live Peoria Goal: Arts, Culture and Recreational Enrichment

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Study	General Fund	Base	\$230,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$230,000
Total Budget			\$230,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$230,000

Description:

This project provides for the coordination and preparation of a Design Concept Report (DCR) for constructing a regional trail along the east side of the New River from Jomax Road to the Central Arizona Project (CAP) canal and along the CAP to Lake Pleasant Parkway. Under the scope of this project a consultant and City staff will work with area stakeholders, land owners, adjacent property owners, developers, CAP, FCDMC, USACOE, city departments, and utility companies to assess the feasibility of various trail alternatives, identify amenities, trail easements, 404 issues, environmental issues, archeological issues, refine the plan for one alternative and complete an in-depth evaluation of the approximate impacts, costs and prepare concept level 15% plans. Upon completion of the study, staff will program the funding for design, land acquisition and construction to be considered in the 10 year CIP.

Justification:

The Community Services Master Plan recommends: 1. The trail network be expanded by developing new trails, trailheads and connections to community amenities; 2. Enhance the trail connectivity in Peoria by linking the trail connections from existing and future development to the core trail network and; 3. Coordinate with Maricopa County Parks and Recreation Department to implement sections of The Maricopa County Regional Trail System Plan, which establishes a framework to link approximately 242 miles of existing and proposed trails to create the Maricopa Trail loop around the Valley. The primary purpose of this section of the New River Trail is to continue and provide a safe, convenient, and functional transportation link for pedestrians and bicyclists who seek to utilize non-motorized modes of transportation to meet their regular travel needs and for recreational purposes.

CAPITAL PROJECT DETAIL

Parks & Recreation

Paloma Community Park

Project Number: CS00059

Project Location: Lake Pleasant Parkway at Dixileta Dr.

Live Peoria Goal: Arts, Culture and Recreational Enrichment

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	DIF - Parks Zn 2	Carryover	\$995,057	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$995,057
Arts	Future GO Bonds	Base	\$0	\$220,494	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$220,494
Chargebacks	Future GO Bonds	Base	\$0	\$135,720	\$135,720	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$271,440
Construction	Future GO Bonds	Base	\$0	\$22,049,373	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$22,049,373
Construction	Future GO Bonds	Carryover	\$2,706,838	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,706,838
Design	Future GO Bonds	Base	\$128,940	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$128,940
Equipment	Future GO Bonds	Base	\$0	\$0	\$480,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$480,000
Land Acquisitio	Future GO Bonds	Base	\$25,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$25,000
Construction	GO Bonds 2019	Carryover	\$480,958	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$480,958
Other	GO Bonds 2019	Carryover	\$210,387	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$210,387
Equipment	Other Capital	Carryover	\$761,999	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$761,999
Total Budget			\$5,309,179	\$22,405,587	\$615,720	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28,330,486

Total Operating Impacts	\$0	\$517,337	\$517,337	\$517,337	\$517,337	\$517,337	\$517,337	\$517,337	\$517,337	\$517,337	\$517,337	\$4,656,033
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Description:

This project entails the design and construction of a second phase of amenities at Paloma Community Park. The initial park construction was completed in Fall 2020 and includes 85 acres of community park amenities and infrastructure capable of supporting an additional 40+ acres. The core program for Phase 2 will include lighted sports fields and associated restroom(s) and parking. Citizen engagement and Phase 1 feedback will inform the program of smaller amenities (courts, trails, equestrian, etc.). This capital project also funds the communications infrastructure, development fees payable to other agencies through IGAs, and additional park capital equipment.

Justification:

Through the Community Services Master Plan update, it recommended building a community park north of Bell Road. According to the 2013 Needs Assessment Survey, large community parks were listed as one of the facility types identified by households as being the most needed north of Bell Road. Phase 2 will complete this needed community park in the northern area of the city.

CAPITAL PROJECT DETAIL

Parks & Recreation

Paloma Community Park Trails

Project Number: CS00218

Project Location: Paloma Community Park

Live Peoria Goal: Arts, Culture and Recreational Enrichment

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	Future GO Bonds	Carryover	\$100,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000
Study	Future GO Bonds	Carryover	\$12,977	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$12,977
Total Budget			\$112,977	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$112,977

Total Operating Impacts	\$114,294	\$83,294	\$83,294	\$83,294	\$83,294	\$83,294	\$83,294	\$83,294	\$83,294	\$83,294	\$83,294	\$83,294	\$863,940
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Description:

This project entails improving the trails that will connect WestWing Mountain and Paloma Community Park. In addition, the IGA with Maricopa County Flood Control District and the City of Peoria for Paloma Community Park states that the City will be issued a recreational use easement for the open space between Paloma Community Park and Sonoran Mountain Ranch Park. Within this parcel there are existing wildcat trails that exist because of non-permitted use. This project will provide the resources to better define a trails system. With the recreational use easement, the City of Peoria will have a unique recreational asset that not many cities have. These trail improvements will provide the connectivity of Sunrise Mt. to WestWing Mt., WestWing Mt. to Paloma Community Park, Paloma Community Park to Sonoran Mt. Ranch Park, and Sonoran Mt. Ranch Park to Eastwing Mt.

Justification:

This project will provide an easily identifiable and safe trail system that can be enjoyed by hikers, bikers and equestrian users.

CAPITAL PROJECT DETAIL

Parks & Recreation

Park and Recreation Facility Refurbishment

Project Number: CS00185

Project Location: Citywide

Live Peoria Goal: Arts, Culture and Recreational Enrichment

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	General Fund	Carryover	\$746,800	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$746,800
Total Budget			\$746,800	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$746,800

Description:

This funding will be used for asset replacement and maintenance projects based on operational priority, such as pool maintenance, park refurbishment, refurbishment of practice fields and turf, landscape features, trail improvements and repairs, asset replacement such as playground equipment, fitness equipment, library checkout machines and air conditioning units, and Parks, Recreation and Community Facility building maintenance and improvements such as paint, furniture and flooring replacements.

Justification:

The facilities in the Department offer a variety of recreational activities for the public to enjoy and are used daily. Due to the abundant amount of use, amenities wear, break, and degrade in appearance. This project funds the ability to provide safe, updated, and aesthetically pleasing facilities.

CAPITAL PROJECT DETAIL

Parks & Recreation

Parks, Recreation and Community Fac Master Plan

Project Number: CS00067

Project Location: Citywide

Live Peoria Goal: Arts, Culture and Recreational Enrichment

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Study	DIF - Parks Zn 1	Base	\$0	\$103,235	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$103,235
Study	DIF - Parks Zn 2	Base	\$0	\$33,100	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$33,100
Study	DIF - Parks Zn 3	Base	\$0	\$63,665	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$63,665
Study	Other Capital	Carryover	\$100,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000
Total Budget			\$100,000	\$200,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$300,000

Description:

This project entails updating the comprehensive Community Services Master Plan (CSMP) to guide and assist with development and prioritization, especially in the northern portion of the city. The project will include a thorough inventory analysis, benchmarking study, community input surveys, public meetings and comments to help direct the future program and development of parks, recreation, open spaces, and trails.

Justification:

By performing regularly scheduled updates of the CSMP, future planning will be more responsive to address the needs of the city. The CSMP contains information used when planning for future parks, trail systems, recreation programming, future recreational sites and open space.

CAPITAL PROJECT DETAIL

Parks & Recreation

Parks, Recreation, Community Fac ADA Compliance

Project Number: CS00177

Project Location: Citywide

Live Peoria Goal: Arts, Culture and Recreational Enrichment

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	General Fund	Carryover	\$245,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$245,000
Total Budget			\$245,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$245,000

Description:

Title II of the Americans with Disabilities Act (ADA) requires that all municipal sites and facilities be evaluated for accessibility to the programs and services provided, including those that existed before 1992. In September 2010, the Department of Justice published a new ADA Title II regulation that included new accessibility standards known as the “2010 ADA Standards for Accessible Design”. The City of Peoria is required to use these standards to evaluate all existing sites.

Justification:

The ADA study was completed in early 2014. A final report identifies access deficiencies and a solution for each throughout the parks and recreation system. Recommendations have been provided in the report for phasing of the changes that are required by Title II of the Americans with Disabilities Act. These changes include everything from parking lots, signage, structural barriers, recreation equipment, and more at the City’s recreational facilities, libraries, sports complexes, parks, and trail systems.

CAPITAL PROJECT DETAIL

Parks & Recreation

Pioneer Community Park Rehab & Replacements

Project Number: CS00234

Project Location: 83rd Av and Olive Av

Live Peoria Goal: Arts, Culture and Recreational Enrichment

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	Future GO Bonds Base		\$0	\$0	\$0	\$11,780	\$0	\$0	\$0	\$0	\$0	\$0	\$11,780
Construction	Future GO Bonds Base		\$0	\$0	\$0	\$1,178,000	\$0	\$0	\$0	\$0	\$0	\$0	\$1,178,000
Total Budget			\$0	\$0	\$0	\$1,189,780	\$0	\$0	\$0	\$0	\$0	\$0	\$1,189,780

Description:

This project provides for rehabilitation and replacements of major play and group amenities at Pioneer Community Park, such as playground structures, shade canopies and surfacing, splash pad fixtures and surfacing, ramadas, picnic tables, barbeque grills, and trash receptacles.

Justification:

Pioneer Community Park has been a prime destination for Peoria residents and visitors since its opening in 2013. As a result, the amenities have sustained above average use and are in dire need of replacement. Given its reputation for lush fields for sporting events, an expansive splash pad and open shaded facilities, the heavy use requires immediate attention to keep the park operating in a well-functioning manner. In addition, the timing of the replacements comes at a time when other regional parks are undergoing rehabilitations or finalizing completion of new amenities, such as Rio Vista and Paloma Community Parks, which is an appropriate time to evaluate the current playground equipment and incorporate necessary upgrades to be inclusive for all users.

CAPITAL PROJECT DETAIL

Parks & Recreation

Pool Renovation and Refurbishment Program

Project Number: CS00238

Project Location: Sunrise Pool

Live Peoria Goal: Arts, Culture and Recreational Enrichment

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	Municipal Asset R	Carryover	\$272,700	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$272,700
Total Budget			\$272,700	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$272,700

Description:

The Pool Renovation and Refurbishment Program addresses maintenance needs at three aquatic facilities in Peoria. The first priority is Sunrise Pool due to it being the highest used aquatic facility in the City. In fact, the last summer experienced nearly 10,000 open swim paid admissions, 5,000 registrations for swim lessons, 130 lifeguard/instructor trainings, and more than 30 private rentals. The maintenance issues being addressed at this location will include a full re-plaster and refurbishment of the play features.

Justification:

There is a clear demand for aquatic facilities and services. Therefore, it is prudent to plan accordingly and coordinate the recurring renovation and refurbishment required to maintain the three aquatic facilities optimally. With the support of Peoria Unified School District, which contributes 50% for planned renovation and refurbishment at the jointly used facilities currently, this program provides a multi-year plan to better align project goals and objectives together.

CAPITAL PROJECT DETAIL

Parks & Recreation

Recreation Center At Paloma Community Park

Project Number: CS00167

Project Location: Paloma Community Park

Live Peoria Goal: Arts, Culture and Recreational Enrichment

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	Future GO Bonds Base		\$0	\$0	\$0	\$0	\$33,899	\$217,603	\$0	\$0	\$0	\$0	\$251,502
Chargebacks	Future GO Bonds Base		\$0	\$0	\$0	\$0	\$217,598	\$217,598	\$0	\$0	\$0	\$0	\$435,196
Construction	Future GO Bonds Base		\$0	\$0	\$0	\$0	\$0	\$21,760,296	\$0	\$0	\$0	\$0	\$21,760,296
Design	Future GO Bonds Base		\$0	\$0	\$0	\$0	\$3,389,856	\$0	\$0	\$0	\$0	\$0	\$3,389,856
Equipment	Future GO Bonds Base		\$0	\$0	\$0	\$0	\$0	\$344,966	\$0	\$0	\$0	\$0	\$344,966
Land Acquisition	Future GO Bonds Base		\$0	\$0	\$0	\$0	\$70,000	\$0	\$0	\$0	\$0	\$0	\$70,000
Total Budget			\$0	\$0	\$0	\$0	\$3,711,353	\$22,540,463	\$0	\$0	\$0	\$0	\$26,251,816

Total Operating Impacts	\$0	\$0	\$0	\$0	\$0	\$2,258,025	\$1,749,325	\$1,749,325	\$1,749,325	\$1,749,325	\$1,749,325	\$9,255,025
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Description:

This project entails the design and construction of a multi-generational recreation center to serve north Peoria residents. A study will be conducted at the onset of this project to evaluate the programs and amenities offered at the City's recreation and community centers as a means of validating the new building's program spaces and square footage. The infrastructure at the Paloma Community Park has been designed in anticipation of up to a 60,000 sf facility inside the park at the foot of West Wing Mountain. Total capital costs include design, construction, land acquisition expenses, administrative fees, furniture, fixtures, and information technology to achieve a facility similar to the Rio Vista Recreation Center. The building will seek LEED silver certification consistent with City sustainability objectives.

Justification:

The Rio Vista Recreation Center opened to the public in 2007, highlighting the City's commitment to provide its residents with healthy lifestyle amenities. The Rio Vista Recreation Center draws regular users from up to a 5 mile radius. The co-location of a new recreation center at the Paloma Community Park (approximately 10 miles north) is ideal to provide an equal level of service to north Peoria residents. Like Rio Vista, this facility will also offset a substantial portion of its ongoing operating costs through fee based programs and memberships. The Community Services Master Plan recommended either a Community Center or Recreation Center up north.

Moreover, voter approval is required to increase the debt issuance limit of general obligation (G.O.) bonds for park and trail type capital projects beginning in FY24.

CAPITAL PROJECT DETAIL

Parks & Recreation

Retention Basin Refresh Program

Project Number: CS00004

Project Location: Citywide

Live Peoria Goal: Arts, Culture and Recreational Enrichment

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	General Fund	Base	\$228,300	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$228,300
Total Budget			\$228,300	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$228,300

Description:

This project provides for partial renovation or refresh of existing storm water retention basins owned by the City based on a prioritized ranking of current landscape conditions. Landscape renovations to include heavy vegetative cleanup with tree crown cleaning, irrigation repairs and replacement as necessary. Replacement of lost trees and/or shrubs. Top-dress existing granite with new granite. Includes utility location services for tree planting. Funds will be utilized to execute the prioritized list of retention basins. The refresh will include irrigation repairs, plant replacements, DG refresh and tree lifting. The majority of the vegetative refurbishment will occur 20-30 feet off the boundary property lines. The locations will be based on the prioritized list. The PRCF department utilizes a staff driven review with specific rating criteria to prioritize and rate the parks and basins for projecting programmatic renovations to specific locations. The reviews are conducted annually and are flexible to allow for the management of any updates of the prioritization list of projects. This allows the leveraging for contract pricing and combination of projects and potential sites. Typically, a program allows for two parks and retention basins to be refreshed on an annual basis. The department's goal is to provide these renovation programs in an equitable manner across the parks and retention basins in the City.

Justification:

This project will enhance image of city owned and maintained storm water retention basins.

CAPITAL PROJECT DETAIL

Parks & Recreation

Rio Vista Skate Park

Project Number: CS00215

Project Location: Rio Vista Community Park

Live Peoria Goal: Arts, Culture and Recreational Enrichment

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	General Fund	Carryover	\$225,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$225,000
Study	General Fund	Carryover	\$25,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$25,000
Total Budget			\$250,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$250,000
Total Operating Impacts			\$6,750	\$6,750	\$6,750	\$6,750	\$6,750	\$6,750	\$6,750	\$6,750	\$6,750	\$6,750	\$67,500

Description:

This project entails the completion of a structural study for the existing skate park to investigate and determine solutions for vertical and horizontal cracking in concrete throughout the entire surface. The intent of the study is to determine if the continuation of crack repairs are sustainable long term or if it is needed to alter design elements.

Justification:

The Rio Vista skate park is over 13 years old and is a destination amenity for Peoria residents. This asset is heavily used and by nature of the use it receives, it is susceptible to damage that can begin to compound into greater issues. This request is to get in front of the degradation that will turn more costly as the facility continues to age.

CAPITAL PROJECT DETAIL

Parks & Recreation

Sports Complex Maintenance Building

Project Number: CS00240

Project Location: Peoria Sports Complex

Live Peoria Goal: Arts, Culture and Recreational Enrichment

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	Future GO Bonds Base		\$612,838	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$612,838
Design	Future GO Bonds Base		\$116,398	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$116,398
Equipment	Future GO Bonds Base		\$23,782	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$23,782
Total Budget			\$753,018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$753,018

Description:

This project provides an architecturally compatible, enclosed 820 square feet maintenance building expansion located on the north side of the Peoria Sports Complex Maintenance Building. The facility expansion will provide conditioned shared office space for maintenance technicians and dry storage for parts, supplies, and small equipment. The project assumes a small quantity of building envelope maintenance (ex: weatherproofing) during construction. The project includes the design, construction, development permits and fees, and internal project management expenses.

Justification:

The facility expansion will provide conditioned shared office space for maintenance technicians and dry storage for parts, supplies, and small equipment.

CAPITAL PROJECT DETAIL

Parks & Recreation

Stadium Improvements (AZSTA)

Project Number: CS00213

Project Location: Peoria Sports Complex

Live Peoria Goal: Arts, Culture and Recreational Enrichment

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	AZSTA - Sports CBase		\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$0	\$0	\$0	\$0	\$0	\$5,000,000
Construction	AZSTA - Sports CCarryover		\$1,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,000,000
Total Budget			\$2,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$0	\$0	\$0	\$0	\$0	\$6,000,000

Description:

As the Peoria Sports Complex facility continues to mature, there is a need to ensure that it retains its attractiveness and first choice for residents and visitors. Therefore, these improvements are intended to provide enhancements to the team clubhouses and stadium.

Justification:

As part of the long-term contract with the Mariners and Padres teams, future reimbursements from the Arizona Sports and Tourism Authority (AZSTA) will fund the clubhouse and stadium improvements.

CAPITAL PROJECT DETAIL

Parks & Recreation

Stadium Multi-Use Path Phase 2

Project Number: CS00232

Project Location: ACDC from 75th Av to Skunk Creek

Live Peoria Goal: Integrated Transportation

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	Future GO Bonds	Base	\$0	\$28,343	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28,343
Chargebacks	Future GO Bonds	Base	\$0	\$47,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$47,000
Construction	Future GO Bonds	Carryover	\$260,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$260,000
Design	Future GO Bonds	Base	\$500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$500,000
Construction	Outside Sources	Base	\$0	\$2,834,322	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,834,322
Total Budget			\$760,000	\$2,909,665	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,669,665

Total Operating Impacts	\$0	\$0	\$12,000	\$12,000	\$12,000	\$12,000	\$12,000	\$12,000	\$12,000	\$12,000	\$12,000	\$96,000
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Description:

This project provides for the coordination with adjacent property owners, public involvement, drainage study, design, ROW acquisition, utility coordination, utility relocation, burying overhead facilities, construction and construction administration for the connection between Skunk Creek Trail and 75th Avenue. This project is a gap-fill initiative to maintain a contiguous off-street shared-use path along the north bank of Arizona Canal Diversion Channel (ACDC). This project will add 0.2 miles to the ACDC Trail and provide separation from vehicular travel to connect a multi-family apartment complex from the west to the two proposed Marriott hotels to the east. The project will also provide a pedestrian bridge across Skunk Creek and an at-grade connection to 75th Avenue, located south of Paradise Lane. Future phases will include a pedestrian underpass to connect the Skunk Creek Trail to the ACDC Trail. Project also includes a study task to update an existing Design Concept Report as required. This project may also require processing of utility company (APS, Cox, Centurylink, SRP, EPNG, SWG, etc.) design and construction agreements, development and intergovernmental agreements.

Justification:

The Skunk Creek Trail represents the off-street network for pedestrians, cyclists, joggers, equestrians, and event space for organized races. The first phase of the project scheduled for FY22 will provide a sidewalk and DG path connection from 83rd Avenue to 77th Avenue, and from 75th Avenue to 73rd Avenue on the north bank of Skunk Creek. The second phase, submitted to MAG for a federal grant, would alleviate pedestrian traffic along Paradise Lane adjacent to vehicular traffic. The Project Assessment Report for the Skunk Creek Multi-Use Path; 83rd Av to 73rd Av completed in 2017 recommended a connection between the ACDC trail system and the proposed Skunk Creek MUP to be located along the north side of the ACDC. This application would continue the off-street path across the Skunk Creek tributary with the Arizona Canal Diversion Channel by adding a pedestrian bridge and connection to 75th Avenue.

CAPITAL PROJECT DETAIL

Parks & Recreation

Stadium Trail Phase I

Project Number: CS00146

Project Location: 73rd Av to 83rd Av

Live Peoria Goal: Arts, Culture and Recreational Enrichment

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	Future GO Bonds	Base	\$913,412	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$913,412
Design	Future GO Bonds	Carryover	\$271,383	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$271,383
Construction	Outside Sources	Base	\$1,545,788	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,545,788
Total Budget			\$2,730,583	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,730,583

Total Operating Impacts	\$17,000	\$56,500	\$31,000	\$31,000	\$31,000	\$31,000	\$31,000	\$31,000	\$31,000	\$31,000	\$31,000	\$321,500
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Description:

This project entails the design and construction of the Stadium Trail, which will provide missing connections to the city of Glendale (at 73rd Avenue) and crucial connections into the Peoria Sports Complex and P83 Entertainment District. The City of Peoria received a Design Assistance grant from MAG to pursue a Design Concept Report (DCR) for 15% design for the undeveloped Stadium Trail segments. The City of Peoria was awarded a \$1,545,788 grant from MAG (CMAQ) for FY 2022 towards the construction of two segments on City of Peoria and/or Flood Control District of Maricopa County land; 73rd to 75th Ave, and 75th Ave. to 83rd Ave. Any additional grant funding received would be prioritized toward trail lighting, landscape improvements, and 75th Ave crossing enhancements. Project expenditures will include City procured professional services, development fees, and ADOT project administration charges.

Justification:

This portion of the Stadium Trail has been identified in a number of policy documents, including the General Plan and Community Services Master Plan. This area is already heavily trafficked by walkers/joggers and is commonly used for 5k races around the ballfields.

CAPITAL PROJECT DETAIL

Parks & Recreation

Sunrise Mntn Library Automated Materials Handling

Project Number: CS00241

Project Location: Sunrise Mountain Library

Live Peoria Goal: Arts, Culture and Recreational Enrichment

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	General Fund	Base	\$34,519	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$34,519
Design	General Fund	Base	\$5,482	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,482
Equipment	General Fund	Base	\$134,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$134,000
Total Budget			\$174,001	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$174,001

Total Operating Impacts	\$13,950	\$14,369	\$14,800	\$15,244	\$15,701	\$16,172	\$16,657	\$17,157	\$17,671	\$18,202	\$159,923
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Description:

This project entails the building modifications necessary to support a conversion from manual book returns to an automated materials handling (AMH) system, including minor demolition, structural modifications, glazing modifications, and supporting power/data infrastructure. The City will directly procure the AMH equipment separate from the required construction.

Justification:

The AMH will increase efficiency of the materials check-in process, eliminating the need for a staff member to empty the bookdrop, take items to the computer station, check them in, then sort them to the appropriate cart in preparation for return of material to the shelves. With the AMH, the check-in and sorting are automatically done leaving only emptying materials from bins and placing them on a cart for staff. This equipment will also enhance public services by effectively aiding staff to return items to the shelves sooner, thereby making the materials more readily available to our users.

CAPITAL PROJECT DETAIL

Parks & Recreation

Sunrise Mountain Trailhead

Project Number: CS00206

Project Location: 87th Av and Happy Valley Rd

Live Peoria Goal: Arts, Culture and Recreational Enrichment

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	Future GO Bonds Base		\$0	\$0	\$6,044	\$29,592	\$0	\$0	\$0	\$0	\$0	\$0	\$35,636
Chargebacks	Future GO Bonds Base		\$0	\$0	\$33,930	\$33,930	\$0	\$0	\$0	\$0	\$0	\$0	\$67,860
Construction	Future GO Bonds Base		\$0	\$0	\$0	\$2,959,194	\$0	\$0	\$0	\$0	\$0	\$0	\$2,959,194
Design	Future GO Bonds Base		\$0	\$0	\$604,375	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$604,375
Land Acquisition	Future GO Bonds Base		\$0	\$0	\$0	\$10,500	\$0	\$0	\$0	\$0	\$0	\$0	\$10,500
Total Budget			\$0	\$0	\$644,349	\$3,033,216	\$0	\$0	\$0	\$0	\$0	\$0	\$3,677,565

Total Operating Impacts	\$0	\$0	\$0	\$0	\$89,473	\$60,973	\$60,973	\$60,973	\$60,973	\$60,973	\$60,973	\$394,338
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Description:

This project entails the design and construction of a trailhead, semi-improved mountain trail, restroom building and related parking and resting node appurtenances at Sunrise Mountain.

Justification:

There is a desire to offer these types of amenities at city facilities.

Moreover, voter approval is required to increase the debt issuance limit of general obligation (G.O.) bonds for park and trail type capital projects beginning in FY24.

CAPITAL PROJECT DETAIL

Parks & Recreation

Trailhead at BLM 160

Project Number: CS00237

Project Location: 99th Av and Dynamite Rd

Live Peoria Goal: Arts, Culture and Recreational Enrichment

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	Future GO Bonds Base		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,159	\$20,602	\$0	\$24,761
Chargebacks	Future GO Bonds Base		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$29,250	\$29,250	\$0	\$58,500
Construction	Future GO Bonds Base		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,060,231	\$0	\$2,060,231
Design	Future GO Bonds Base		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$415,862	\$0	\$0	\$415,862
Land Acquisition	Future GO Bonds Base		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$15,000	\$0	\$0	\$15,000
Total Budget			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$464,271	\$2,110,083	\$0	\$2,574,354

Total Operating Impacts	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000	\$50,000	\$100,000
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Description:

This project entails the design and construction of a desert style trailhead at the terminus of 99th Ave, at the Dynamite Blvd alignment. The improvements will be located on the south end of the 160 acre leased BLM land parcel and accessed from 99th Avenue. The trailhead amenities will be similar to the Skunk Creek Trailhead with related parking and resting node appurtenances plus a semi-improved accessible trail, restroom building, and cultural display. The capital budget will fund all site infrastructure expenses, cultural investigation, park equipment, and city paid development costs.

Justification:

The City of Peoria entered into a lease agreement with the BLM over a decade ago for a municipal park function on the 160 acre parcel located at the terminus of 99th Avenue & Dynamite Blvd. This project will create the initial gateway to this open space, allowing for hiking, mountain biking, and picnicking. The initial development will help to solidify our long term recreation interest in the parcel, preserving our lease agreement with BLM.

Moreover, voter approval is required to increase the debt issuance limit of general obligation (G.O.) bonds for park and trail type capital projects beginning in FY24.

CAPITAL PROJECT DETAIL

Parks & Recreation

Trailhead at the NWC of 83rd Ave and Happy Valley

Project Number: CS00220

Project Location: 83rd Ave & Cortez Place Alignment

Live Peoria Goal: Arts, Culture and Recreational Enrichment

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	Future GO Bonds Base		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,165	\$7,671	\$0	\$9,836
Chargebacks	Future GO Bonds Base		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$21,893	\$21,893	\$0	\$43,786
Construction	Future GO Bonds Base		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$767,125	\$0	\$767,125
Design	Future GO Bonds Base		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$216,470	\$0	\$0	\$216,470
Land Acquisition	Future GO Bonds Base		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$10,000	\$0	\$0	\$10,000
Total Budget			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$250,528	\$796,689	\$0	\$1,047,217

Total Operating Impacts	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$83,273	\$83,273	\$166,546
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Description:

This project entails the design and construction of an estimated 1.5 acre desert style trailhead as an amenity within the future Aloravita masterplanned community west of 83rd Avenue nearest the Cortez Place alignment. The improvements may be constructed through a development agreement with subdivision cost sharing opportunities not yet determined. The trailhead amenities will be similar to the New River Trail Westbrook Trailhead with related parking and resting node appurtenances plus a semi-improved accessible trail, trail signage, and historic / educational display. The capital budget will fund all site infrastructure expenses, cultural investigation, park-trailhead equipment, and city paid development costs.

Justification:

This project will create an east side gateway to the Sunrise Mountain open space, allowing for hiking, mountain biking, and picnicking.

Moreover, voter approval is required to increase the debt issuance limit of general obligation (G.O.) bonds for park and trail type capital projects beginning in FY24.

CAPITAL PROJECT DETAIL

Parks & Recreation

Westwing Park - ADA Connection to Maya Way

Project Number: CS00230

Project Location: Westwing Park and Maya Way

Live Peoria Goal: Healthy Neighborhoods

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	Other Capital	Carryover	\$180,523	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$180,523
Total Budget			\$180,523	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$180,523

Total Operating Impacts	\$1,590	\$1,590	\$1,590	\$1,590	\$1,590	\$1,590	\$1,590	\$1,590	\$1,590	\$1,590	\$1,590	\$1,590	\$15,900
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Description:

This project provides for the coordination with City departments, adjacent property owners, public involvement, design, utility coordination, utility relocation, construction and construction administration for the construction of an ADA ramp and an 8-foot wide concrete path extending from Maya Way to the Westwing Park sidewalk along the west side of the parking lot. The improvements will include: clearing and grubbing, grading, saw cut along existing pavement, install new pavement, concrete path, decomposed granite, a handicap ramp, restore landscape and irrigation system and striping and signage. This project may also require processing of utility company (APS, Cox, CenturyLink, SRP, EPNG, SWG, etc.) design and construction agreements, development and intergovernmental agreements.

Justification:

The City has received a number of citizen requests to convert the existing decomposed granite trail extending from Maya Way to the existing play plaza sidewalk at the Westwing park lot to a concrete path that meets ADA standards. This project will design and construct a new ADA ramp at Maya Way and an 8-foot wide concrete sidewalk, underlain with 4-inches of aggregate base, from the play plaza sidewalk to Maya Way. A portion of the path will be 9-inches thick in order to support City maintenance trucks and vehicles, a new ADA mid-block ramp will be constructed on Maya to provide connectivity, decomposed granite, which will be installed on both sides of the proposed sidewalk, clearing & grubbing, grading to ensure drainage of the park is not impacted, removal and relocation of existing landscaping and landscape irrigation, removal of existing curb and gutter, and installation of appropriate signage.

CAPITAL PROJECT DETAIL

Public Safety

Fire Station No. 2 Dorm Expansion

Project Number: FD00011

Project Location: 18500 N. 89th Ave

Live Peoria Goal: Superior Public Safety

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	DIF - Fire	Carryover	\$1,000,300	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,000,300
Equipment	DIF - Fire	Carryover	\$84,465	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$84,465
Other	DIF - Fire	Carryover	\$58,900	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$58,900
Construction	Future GO Bonds	Carryover	\$81,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$81,000
Total Budget			\$1,224,665	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,224,665

Total Operating Impacts	\$0	\$21,600	\$21,600	\$21,600	\$21,600	\$21,600	\$21,600	\$21,600	\$21,600	\$21,600	\$21,600	\$21,600	\$194,400
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Description:

This project entails the expansion of Peoria Fire-Medical Station No. 2 to include four to six dorm rooms, additional crew office, secure surface parking, medical supply storage and a remote mid-height apparatus bay for the low acuity unit. Fire Station No. 2 was constructed in 2004 and capital budget limitations led to the need to phase the station's dorm capacity with growth in services. The expansion of the station will also entail modifications to existing site retention and landscaping. Additional City project expenses include expanded IT infrastructure, alarm radio system expansion, and dorm furnishings.

Justification:

The Peoria Fire-Medical Department is improving medical response for Peoria residents in innovative ways. New programs include deploying a low acuity unit, implementing a Community Paramedicine program and adding emergency transportation services. Fire Station No. 2 has the highest call volume of all Peoria's fire stations, with an average of 385 calls per month. This makes it the ideal station to house new programs to better serve the community. However, the station's dorm area is currently limited to one crew.

CAPITAL PROJECT DETAIL

Public Safety

Fire Station No. 5 Expansion

Project Number: FD00027

Project Location: 23100 N. Lake Pleasant Pkwy

Live Peoria Goal: Superior Public Safety

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	Future GO Bonds Base		\$2,166,207	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,166,207
Construction	Future GO Bonds Carryover		\$225,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$225,000
Design	Future GO Bonds Base		\$12,838	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$12,838
Equipment	Future GO Bonds Base		\$74,845	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$74,845
Total Budget			\$2,478,890	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,478,890

Total Operating Impacts	\$0	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$45,000
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Description:

This project entails a renovation and expansion of the Fire Department portion of the Pinnacle Peak Public Safety Facility (PPPSF). Improvements will include a detached bay for ambulance or low acuity apparatus, additional dorms and restrooms, reconfiguration of the public lobby for secure access to the Police department, interior painting, and a refresh of living environment appurtenances. Site security fencing and gates to protect the existing apparatus bay will be explored. Total capital costs include design, construction, administrative fees, furniture fixtures and equipment, and information technology costs.

Justification:

The Pinnacle Peak Public Safety Facility was constructed in the year 2000 as a joint Police substation and Peoria's Fire Station No. 5. In the twenty years since construction, north Peoria has grown substantially both in residential units and large commercial buildings. Peoria has also grown Peoria Fire-Medical's core services to include low acuity response and ambulance transport. The new apparatus to support enhanced services and a need to position a ladder company at Fire Station No. 5 has triggered a need for an additional dorms, batallion chief offices, and a climate controlled apparatus bay.

CAPITAL PROJECT DETAIL

Public Safety

Fire Station No. 7 Jomax Emergency Traffic Signal

Project Number: FD13101

Project Location: Jomax Rd at 77th Av Alignment

Live Peoria Goal: Superior Public Safety

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	DIF - Fire	Carryover	\$593,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$593,000
Land Acquisition	DIF - Fire	Carryover	\$60,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$60,000
Total Budget			\$653,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$653,000

Total Operating Impacts	\$0	\$0	\$7,040	\$7,040	\$7,040	\$7,040	\$7,040	\$7,040	\$7,040	\$7,040	\$7,040	\$7,040	\$56,320
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Description:

The Jomax Fire Station #7 Emergency Traffic Signal project includes the design, land acquisition, and construction of an emergency (only) traffic signal in front of the fire station on Jomax Road at approximately the 77th Av alignment. During an emergency call, the departure of fire apparatus from the fire station bay(s) will trigger the signal to stop east and west bound traffic on Jomax Road, thereby avoiding traffic conflict. The signal will be clearly identified as serving the fire station (only) and does not interrupt normal traffic flow.

Justification:

In September 2006, the Mayor and Council awarded the construction contract for the Jomax Fire Station. The surrounding development was in its infancy at the time of the station's construction; therefore, funding was identified as a future expenditure for the emergency traffic signal. Subsequent development in the vicinity continues to increase traffic flow on Jomax Road thus requiring the need for the emergency signal. The project's cost timing anticipates a recovery of development activity in the area and heightened traffic within five years. Once completed, all of Peoria's fire stations will have an emergency traffic signal.

CAPITAL PROJECT DETAIL

Public Safety

Fire Station No. 8

Project Number: FD00008

Project Location: Northern Peoria

Live Peoria Goal: Superior Public Safety

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	DIF - Fire	Base	\$0	\$0	\$0	\$12,365	\$62,564	\$0	\$0	\$0	\$0	\$0	\$74,929
Chargebacks	DIF - Fire	Base	\$0	\$0	\$0	\$69,998	\$46,324	\$0	\$0	\$0	\$0	\$0	\$116,322
Construction	DIF - Fire	Base	\$0	\$0	\$0	\$0	\$6,256,439	\$0	\$0	\$0	\$0	\$0	\$6,256,439
Design	DIF - Fire	Base	\$0	\$0	\$0	\$1,236,507	\$0	\$0	\$0	\$0	\$0	\$0	\$1,236,507
Equipment	DIF - Fire	Base	\$0	\$0	\$0	\$0	\$1,433,218	\$0	\$0	\$0	\$0	\$0	\$1,433,218
Land Acquisition	DIF - Fire	Base	\$0	\$0	\$0	\$694,878	\$0	\$0	\$0	\$0	\$0	\$0	\$694,878
Arts	Future GO Bonds	Base	\$0	\$0	\$0	\$0	\$36,219	\$0	\$0	\$0	\$0	\$0	\$36,219
Chargebacks	Future GO Bonds	Base	\$0	\$0	\$0	\$0	\$24,451	\$0	\$0	\$0	\$0	\$0	\$24,451
Construction	Future GO Bonds	Base	\$0	\$0	\$0	\$0	\$3,621,857	\$0	\$0	\$0	\$0	\$0	\$3,621,857
Equipment	Future GO Bonds	Base	\$0	\$0	\$0	\$0	\$756,500	\$0	\$0	\$0	\$0	\$0	\$756,500
Total Budget			\$0	\$0	\$0	\$2,013,748	\$12,237,572	\$0	\$0	\$0	\$0	\$0	\$14,251,320

Total Operating Impacts	\$0	\$0	\$0	\$0	\$0	\$2,050,000	\$2,050,000	\$2,050,000	\$2,050,000	4,490,000	12,690,000
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Description:

This project provides funding to construct a fire station in the northwest section of the city. The facility would mimic the City's district fire station 4 bay prototype and be programmed at approximately 14,150 square feet. Total capital cost includes administrative fees, engineering and design, furniture, fixtures, land, construction, and equipment. Costs include one traffic signal. This building is priced to include LEED silver level certification consistent with city sustainability objectives. The station will start off housing a fire engine and rescue. Depending on the continued development of the area, the department predicts a ladder truck and ladder tender will need to be added in FY2029.

Justification:

A new station is needed to support development in the northwestern portion of the city. Timing of the facility is dependent upon the rate of development, but design is tentatively scheduled for FY2025, with construction in FY2026. The station will be designed with future development in mind, which allows additional fire apparatus resources to be added as needed.

CAPITAL PROJECT DETAIL

Public Safety

Fire Support Services Building Fiber Installation

Project Number: FD00020

Project Location: 8557 N. 78th Ave

Live Peoria Goal: Superior Public Safety

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	General Fund	Carryover	\$147,915	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$147,915
Total Budget			\$147,915	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$147,915

Description:

This project will fund the installation of a singlemode 48 strand fiber optic cable between the City's current fiber network to the Fire Support Services Building. Connecting the building via fiber cable will improve user productivity through better network connection and performance.

Justification:

The current bandwidth cannot support multiple users on multiple computers at the same time. This is causing a disruption in productivity on a daily basis. The IT department has tried many options to improve the wireless bandwidth performance, which is running around 40-80 megabit per second (mbps). Connecting the building with a hard wire fiber run will increase connectivity to a minimum of 1000 mbps allowing multiple users to have constant connection at greater speeds without outside interference.

CAPITAL PROJECT DETAIL

Public Safety

Fire-Medical Department Fleet Storage Annex

Project Number: FD00030

Project Location: 7733 W. Seldon Lane

Live Peoria Goal: Superior Public Safety

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	Future GO Bonds	Carryover	\$634,078	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$634,078
Land Acquisition	Future GO Bonds	Carryover	\$2,083,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,083,500
Total Budget			\$2,717,578	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,717,578

Total Operating Impacts	\$33,000	\$33,000	\$33,000	\$33,000	\$33,000	\$33,000	\$33,000	\$33,000	\$33,000	\$33,000	\$33,000	\$330,000
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Description:

This project entails the purchase of and minor renovations to an industrial building located at 7733 W. Seldan Lane, Peoria, AZ. After minor site and building improvements, this facility will securely house the Peoria Fire-Medical Department's reserve apparatus, support trailers, and bulk fire department supplies. Administration of this facility will occur with existing department staff from the adjacent Peoria Fire-Medical Support Services facility located at 8557 N. 78th Ave.

Justification:

The Fire-Medical Department Fleet Facility stores four reserve engines, one each reserve ladder truck and ladder tender, one mass casualty box truck, a reserve Battalion Chief vehicle, a training van, a heavy duty delivery truck, and three support service fleet vehicles. These collectively represent over \$3M in capital assets, many with heat sensitive electronic equipment, currently without shaded parking and exposed to the extreme Arizona sun. This property acquisition and related improvements enable secure indoor storage which further the apparatus life and allows for receiving, storage, and deployment of Fire-Medical supplies.

CAPITAL PROJECT DETAIL

Public Safety

Mobile and Portable Radios Replacement

Project Number: FD00014

Project Location: Citywide

Live Peoria Goal: Superior Public Safety

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Equipment	Other Capital	Carryover	\$807,345	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$807,345
Total Budget			\$807,345	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$807,345

Total Operating Impacts	\$0	\$9,300	\$9,300	\$9,300	\$9,300	\$9,300	\$9,300	\$9,300	\$9,300	\$9,300	\$9,300	\$9,300	\$83,700
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Description:

The Fire-Medical Department is replacing the entire existing radio inventory including 146 portable (handheld) and 40 mobile (vehicle) 800 MHz radios due to age and compatibility with other equipment.

Justification:

Good radio communications is vital to fireground survival. The department's current Motorola APX7000 radios are outdated and increasingly more difficult/expensive to maintain. Motorola's APX8000 radio has new and improved technology, including Bluetooth capabilities to communicate though the new self-contained breathing apparatus facemasks. They also include noise-cancelling technology and increased durability. In addition, going with the newer model of the Motorola radio, the department will utilize existing chargers to save cost.

CAPITAL PROJECT DETAIL

Public Safety

Public Safety Admin Building Locker Room Improvs

Project Number: PD00026

Project Location: Peoria Municipal Complex

Live Peoria Goal: Superior Public Safety

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	Future GO Bonds Base		\$0	\$11,058	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$11,058
Chargebacks	Future GO Bonds Base		\$0	\$40,860	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$40,860
Construction	Future GO Bonds Base		\$0	\$984,613	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$984,613
Design	Future GO Bonds Base		\$0	\$121,220	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$121,220
Equipment	Future GO Bonds Base		\$0	\$24,202	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$24,202
Total Budget			\$0	\$1,181,953	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,181,953

Description:

This project entails the renovation of the locker and shower core of the Public Safety Administration Building. Now nearly 20 years old, the locker and shower facilities no longer adequately address the uniform and equipment storage needs of a more diverse population of officers. This project proposes a renovation to match the north precinct's model of larger ventilated lockers with device charging capabilities located in a common area, supported by private restroom and shower compartments. The capital budget includes design, development fees, construction, and any necessary information technology expenditures.

Justification:

Prescriptive ratios of binary male and female building occupants were building code defined when the PSAB was designed nearly 20 years ago. The current model of combined shower and locker rooms poorly addresses the showering, changing, and personal privacy needs of a more modern and diverse police force. The model adopted in the new Patrol Services Building design more effectively addressed these needs with common lockers and privatized restroom and shower functions.

CAPITAL PROJECT DETAIL

Public Safety

Self-Contained Breathing Apparatus

Project Number: FD00017

Project Location: Citywide

Live Peoria Goal: Superior Public Safety

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	General Fund	Carryover	\$1,757,733	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,757,733
Total Budget			\$1,757,733	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,757,733

Total Operating Impacts	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$0	\$225,000
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Description:

Self Contained Breathing Apparatus have a safe usable lifespan of approximately ten years. Our current SCBA's were purchased in 2009. With new technology comes increased safety and reliability, in addition to an improved external communication component for the end user (the firefighter).

Justification:

Increased safety for firefighters. Newer technology. Current SCBA's no longer supported by the manufacturer with spare parts. Met their ten-year life span.

CAPITAL PROJECT DETAIL

Streets

103rd Av; Northern Ave to Olive Ave -Full Street

Project Number: EN00422

Project Location: 103rd Av; Northern Av to Olive Av

Live Peoria Goal: Integrated Transportation

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	Transportation Sal	Carryover	\$447,874	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$447,874
Land Acquisitio	Transportation Sal	Carryover	\$395,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$395,000
Total Budget			\$842,874	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$842,874

Total Operating Impacts	\$71,000	\$71,000	\$71,000	\$71,000	\$71,000	\$71,000	\$71,000	\$71,000	\$71,000	\$71,000	\$71,000	\$71,000	\$710,000
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Description:

The first phase of this project provided for the geotechnical investigation to determine the limits of the old City of Glendale landfill impacting 103rd Av, public meetings and a preliminary traffic study and these tasks have been completed. The second phase of this project provides for an additional public meeting, final design, ROW acquisition, materials testing, construction, construction administration, signal modifications, utility coordination, utility relocation, and undergrounding overhead facilities as needed, replacement of a section of existing water line, drainage facilities, coordination with the 103rd Av & Butler Dr well site improvements, reconstruction and construction of the 103rd Av street improvements from Northern Av to Olive Av and construction of a new fence along the old Glendale landfill and golf course. This project will likely include processing utility company (APS, Cox, CenturyLink, SRP, EPNG, SWG, etc) design and construction agreements, as well as development and intergovernmental agreements. The improvements will include clearing and grubbing, saw cut along existing pavement, install new pavement, construct curb and gutter, concrete sidewalk, landscaping and irrigation system, signing and striping, and construction of a combination screen wall and fence around the Glendale Landfill.

Justification:

Previously, the city had received a number of complaints regarding the failure of the existing pavement on 103rd Av south of Olive Av, poor drainage conditions, differential settlement, and vandalism to the chain link fence surrounding the old City of Glendale landfill. Based on input from the first public meeting, staff recommends construction for full street improvements on 103rd Av. These improvements will provide additional traffic capacity, provide pedestrian facilities, repair the section of roadway that is failing, improve drainage, and secure the old City of Glendale Landfill.

CAPITAL PROJECT DETAIL

Streets

107th Av; Williams Rd to Hatfield Rd Rdwy

Project Number: EN00636

Project Location: 107th Av; Williams Rd to Hatfield Rd

Live Peoria Goal: Integrated Transportation

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	DIF - Streets CentBase		\$0	\$0	\$0	\$0	\$7,000	\$0	\$0	\$0	\$0	\$0	\$7,000
Chargebacks	DIF - Streets CentBase		\$0	\$0	\$0	\$0	\$28,000	\$44,000	\$0	\$0	\$0	\$0	\$72,000
Design	DIF - Streets CentBase		\$0	\$0	\$0	\$0	\$700,000	\$0	\$0	\$0	\$0	\$0	\$700,000
Land Acquisitio	DIF - Streets CentBase		\$0	\$0	\$0	\$0	\$0	\$1,100,000	\$0	\$0	\$0	\$0	\$1,100,000
Study	DIF - Streets CentBase		\$0	\$0	\$0	\$0	\$350,000	\$0	\$0	\$0	\$0	\$0	\$350,000
Study	DIF - Streets Cent Carryover		\$273,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$273,000
Arts	Transportation SalBase		\$0	\$0	\$0	\$0	\$0	\$0	\$74,000	\$0	\$0	\$0	\$74,000
Chargebacks	Transportation SalBase		\$0	\$0	\$0	\$0	\$0	\$0	\$289,000	\$0	\$0	\$0	\$289,000
Construction	Transportation SalBase		\$0	\$0	\$0	\$0	\$0	\$0	\$7,400,000	\$0	\$0	\$0	\$7,400,000
Total Budget			\$273,000	\$0	\$0	\$0	\$1,085,000	\$1,144,000	\$7,763,000	\$0	\$0	\$0	\$10,265,000

Total Operating Impacts	\$0	\$0	\$0	\$0	\$0	\$0	\$131,500	\$131,500	\$131,500	\$131,500	\$526,000
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Description:

This project provides for the coordination with adjacent property owners, Maricopa County, Arizona State Land Department (ASLD), public involvement, utility companies and other stakeholders. The project will also include alignment analysis, cross-section development, design, environmental analysis, signalization, lighting, landscape, water, wastewater, ITE improvements, bicycle and pedestrian and facilities, drainage design, rights-of-way acquisition, utility coordination, utility relocation, construction and construction administration for the widening and reconstruction of 107th Av from Williams Rd to Hatfield Rd. Sections of 107th Av from Williams Rd to Hatfield Rd will be widened to a 2-1-2 with bike lanes on both sides. The proposed section will not have raised medians and will require signal modifications at Williams Rd and Tessmer Rd. Drainage north of Tessmer Rd will be roadside channels collecting into a 2-acre basin in the NEC of Tessmer Rd and 107th Av. Scuppers will be installed periodically to collect street drainage and outfall into the proposed channel. Other improvements will include: street lighting, traffic signals, traffic signal interconnect conduits, new pavement, curb, gutter, valley gutter and apron, sidewalks, driveways, handicap ramps, striping and signage. No roadside landscaping is included.

Justification:

107th Av is designated a major arterial street. The section of 107th Av between Williams Rd and Hatfield Rd varies in width and accommodates a lane configuration of a 2:1:1 to a 1:1:1. As traffic volumes continue to increase additional lane capacity, it is recommended that the street be widened to the full cross section for a City major arterial, BL:2:1:2:BL. A portion of 107th Av is located within the jurisdiction of Maricopa County and it is anticipated that the project will be cost shared. The roadway reconstruction and widening is needed to accommodate the increased volumes of traffic projected in the year 2030. Existing improvements will be utilized as possible. Design concepts will be defined, developed and evaluated to present a preferred alternative for construction. The City will be approaching Maricopa County with regard to cost sharing on the DCR and ultimately the design, land acquisition and construction for the improvements.

CAPITAL PROJECT DETAIL

Streets

135th Av; Ridgeline Rd - Montansoro Ln Rdwy Improv

Project Number: EN00757

Project Location: 135th Av; Ridgeline Rd - Mont Ln

Live Peoria Goal: Integrated Transportation

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	Outside Sources	Base	\$1,044,641	\$1,044,641	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,089,282
Total Budget			\$1,044,641	\$1,044,641	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,089,282

Total Operating Impacts	\$0	\$0	\$46,200	\$46,200	\$46,200	\$46,200	\$46,200	\$46,200	\$46,200	\$46,200	\$46,200	\$46,200	\$369,600
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Description:

This project provides for the City to take the lead and coordination with adjacent property owners, public involvement, design, ROW acquisition, utility coordination, utility relocation, construction and construction administration for the construction of the east 1/2 street improvements on 135th Av between Ridgeline Rd and north of Montansoro Ln (approximately 4,674 lf eq .88 Miles). The improvements will include: clearing and grubbing, install new pavement, curb, gutter, valley gutter and apron, sidewalk, and handicap ramps. This project may also require processing of utility company (APS, Cox, Centurylink, SRP, EPNG, SWG, etc.) design and construction agreements, development and intergovernmental agreements.

Justification:

The City entered into an Agreement with Vistancia West Construction LP. As part of the Payment In-Lieu of Installation of 135th Av Improvements for Trilogy West Phases 3 and 4, effective 2/28/2020, ACON11320, the City and the developer desired to defer the construction of the 135th Av improvements until warranted by future development. The developer assured construction of the improvements by providing the cost of the improvements through a cash payment in lieu of construction. The first payment was in the amount of \$413,524.02 and is for 135th Av Improvements along Trilogy West – Phase 3 frontage. This can be tied to City project #R170032 in Accela. The second payment was in the amount of \$1,675,757.80 and is for 135th Ave improvements along Trilogy West – Phase 4 frontage. The can be tied to City project #R180005 in Accela. The total amount received was \$2,089,281.82 for this improvement. Development of the area is in progress (Cowley Development and Hacienda at White Peaks). These proposed developments will be constructing the west 1/2 street of 135th Av. The proportionate share of the in-lieu payment will be dispersed to the developments for construction of the 135th Av east 1/2 street improvements.

CAPITAL PROJECT DETAIL

Streets

67th Av Widening; Pinnacle Peak to Happy Valley

Project Number: EN00100

Project Location: 67th Av from Pinnacle Peak Rd to Happy Valley Rd

Live Peoria Goal: Integrated Transportation

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	DIF - Streets CentBase		\$0	\$73,448	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$73,448
Chargebacks	DIF - Streets CentBase		\$0	\$81,649	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$81,649
Construction	DIF - Streets CentBase		\$1,100,000	\$7,344,903	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$8,444,903
Construction	DIF - Streets Cent Carryover		\$887,797	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$887,797
Land Acquisitio	DIF - Streets CentBase		\$582,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$582,000
Land Acquisitio	DIF - Streets Cent Carryover		\$475,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$475,000
Total Budget			\$3,044,797	\$7,500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$10,544,797

Total Operating Impacts	\$154,000	\$171,000	\$171,000	\$171,000	\$171,000	\$171,000	\$171,000	\$171,000	\$171,000	\$171,000	\$171,000	\$1,693,000
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Description:

This project provides for the coordination with adjacent property owners, developers, public involvement, study, design, right-of-way acquisition, intergovernmental agreements, utility coordination, utility relocation, burying overhead facilities, construction and construction administration for the widening of 67th Av between Pinnacle Peak Rd and Happy Valley Rd. The project will include reconstructing existing pavement, widening 67th Av to 3-lanes each direction, curb, gutter and sidewalk, two-way left turn lane, bike lanes, landscape/irrigation system, curb, gutter and sidewalk, streetlight system between Pinnacle Peak Rd and Happy Valley Rd, intersection improvements at Happy Valley Rd, NB dual left turn lanes, EB dual left turn lanes, a third SB through lane, a SB to WB right turn lane to improve traffic operations, ADA sidewalk ramps, signing and striping, landscaping, and a raised landscaped median at the north end of the project. Additional improvements will include utility relocation, burying overhead 12Kv power lines, storm drain improvements, a Peoria water line and coordination with City of Glendale to install their new water line. This project will be coordinated with the Section 12 Neighborhood Drainage Improvements (EN00119) currently under construction, as well as the 67th Av & Pinnacle Peak Rd Regional Drainage CIP project (EN00651), the 67th Av 16" Waterline CIP project (UT00440) and the City of Glendale water line. It is staff's intent to design and construct the three CIP projects simultaneously as a single project. This project may also require processing of utility company (APS, Cox, CenturyLink, SRP, EPNG, SWG, etc.) design and construction agreements, development and intergovernmental agreements.

Justification:

67th Av is designated as a major arterial. The original roadway was constructed by the County. The roadway was annexed by the City of Peoria in 2007 and widened to a five-lane roadway. Traffic on 67th Av has increased due to continued development activity in the area. Motorists experience delays during peak weekday hours, weekends and following a major storm event. The proposed roadway improvements will be coordinated with the regional drainage project and a waterline project. Both the Northwest Valley Transportation Study and the Peoria Transportation Needs Study recommend widening 67th Av. This project assumes the City of Peoria will be the lead agency.

CAPITAL PROJECT DETAIL

Streets

67th Av; Olive Av to Redfield Rd Landscape Enhance

Project Number: EN00593

Project Location: West side 67th Av; Olive Av to Redfield Rd

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	Transportation Sal	Carryover	\$701,121	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$701,121
Total Budget			\$701,121	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$701,121

Description:

This project provides for the coordination with adjacent property owners, public involvement, utility coordination, construction and construction administration for refreshing decomposed granite, enhancing landscape and irrigation system, repair, wash and paint existing perimeter walls along the west side of 67th Avenue between Olive Avenue and Redfield Road. This project may also require processing of utility company (APS, Cox, CenturyLink, SRP, EPNG, SWG, etc) design and construction agreements, development and intergovernmental agreements.

Justification:

Certain sections of landscape within the existing right-of-way along the west side of 67th Avenue between Olive Avenue and Redfield Road are outdated and in need of being enhanced, restored and beautified. Upgrading the landscape material, refreshing the decomposed granite and painting the walls will improve the attractiveness of the area and promote community pride.

CAPITAL PROJECT DETAIL

Streets

75th Av & Cactus Rd Intersection Improvements

Project Number: EN00088

Project Location: 75th Av & Cactus Rd

Live Peoria Goal: Integrated Transportation

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	Transportation Sal	Carryover	\$30,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$30,000
Total Budget			\$30,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$30,000

Description:

This project provides for the coordination with adjacent property owners, public involvement, pre-design services, noise study, traffic study, design, right-of-way acquisition, utility coordination, utility relocations, utility extensions, burying overhead facilities as determined, materials testing, construction, construction administration, for intersection widening improvements. This project will likely include processing of utility agreements (APS, Cox, CenturyLink, SRP, SWG, EPNG, etc.) for design and construction, as well as development and intergovernmental agreements. The improvements include installation of a section of 16" waterline, additional turn lanes (both right and left), additional through lanes determined through an analysis and projection of traffic data, installation of raised medians for access management, paving, curb, gutter, driveways, pavement marking, signing and striping, street lighting, traffic signal modifications/upgrades, interconnect conduit and ITS facilities, sidewalks, pedestrian access ramps, landscaping and irrigation.

Justification:

A citywide intersection study identified this intersection as one of the top 10 high-accident locations in Peoria. This intersection will be widened to provide additional capacity, improve safety, and reduce crashes. The project has received federal funds totaling \$5.4 million. As such, the Arizona Department of Transportation (ADOT) is managing the design and construction of the project, while the city has taken the lead on property acquisition.

CAPITAL PROJECT DETAIL

Streets

75th Av & Peoria Av Intersection Improvements

Project Number: EN00081

Project Location: 75th Av & Peoria Av

Live Peoria Goal: Integrated Transportation

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	Transportation Sal	Carryover	\$17,297	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$17,297
Total Budget			\$17,297	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$17,297

Description:

This project provides for the coordination with adjacent property owners, public involvement, pre-design services, design, right-of-way acquisition, utility coordination, utility relocations, utility extensions, burying overhead facilities as determined, materials testing, construction, construction administration, for constructing intersection widening improvements. This project will likely include processing of utility agreements (APS, Cox, CenturyLink, SRP, EPNG, SWG, etc.) for design and construction, as well as development and intergovernmental agreements. The improvements include: additional turn lanes (both right and left), additional through lanes determined through an analysis and projection of traffic data, installation of raised medians for access control, paving, curb, gutter, driveways, pavement marking, signing and striping, street lighting, traffic signal modifications/upgrades, interconnect conduit and ITS facilities, sidewalks, pedestrian access ramps, landscaping and landscaping and irrigation.

Justification:

A citywide intersection study identified this intersection as one of the top 10 high-accident locations in Peoria. This intersection will be widened to provide additional capacity, improve safety, and reduce crashes. The project has received federal funds totaling \$5.9 million. As such, the Arizona Department of Transportation (ADOT) is managing the design and construction of the project, while the city has taken the lead on property acquisition.

CAPITAL PROJECT DETAIL

Streets

75th Av; Grand Av to Tbird Rd Landscape Enhancemnt

Project Number: EN00592

Project Location: E & W Sides; 75th Ave; Grand Ave to Thunderbird Rd

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	Transportation Sal	Carryover	\$1,174,978	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,174,978
Total Budget			\$1,174,978	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,174,978

Total Operating Impacts	\$8,400	\$8,400	\$8,400	\$8,400	\$8,400	\$8,400	\$8,400	\$8,400	\$8,400	\$8,400	\$8,400	\$84,000
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Description:

This project provides for the coordination with adjacent property owners, public involvement, utility coordination, construction and construction administration for refreshing decomposed granite, enhancing landscape and irrigation system, repair, wash and paint existing perimeter walls along the east and west sides of 75th Avenue between Olive Avenue and Thunderbird Road and refreshing the 3 basins maintained by the city along the east side of 75th Avenue at Eva Street and Sanna Street. This project may also require processing of utility company (APS, Cox, CenturyLink, SRP, EPNG, SWG, etc) design and construction agreements, development and intergovernmental agreements.

Justification:

Certain sections of landscape within the existing right-of-way along the east and west sides of 75th Avenue between Olive Avenue and Thunderbird Road and the 3 basins along the east side of 75th Avenue maintained by the city are outdated and in need of being enhanced, restored and beautified. Upgrading the landscape material, refreshing the decomposed granite and painting the walls will improve the attractiveness of the area and promote community pride.

CAPITAL PROJECT DETAIL

Streets

91st Av; Mtn Vw Rd to Grand Av Landscape Enhancemn

Project Number: EN00594

Project Location: E & W Side of 91st Av; Mtn Vw Rd to Grand Av

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	Transportation Sal	Carryover	\$377,935	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$377,935
Total Budget			\$377,935	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$377,935

Description:

This project provides for the coordination with adjacent property owners, public involvement, utility coordination, construction and construction administration for refreshing decomposed granite, enhancing landscape and irrigation system, repair, wash and paint existing perimeter walls along the east and west sides of 91st Avenue between Mountain View Road and Grand Avenue. This project may also require processing of utility company (APS, Cox, CenturyLink, SRP, EPNG, SWG, etc) design and construction agreements, development and intergovernmental agreements.

Justification:

Certain sections of landscape within the existing right-of-way along the east and west sides of 91st Avenue between Mountain View Road and Grand Avenue are outdated and in need of being enhanced, restored and beautified. Upgrading the landscape material, refreshing the decomposed granite and painting the walls will improve the attractiveness of the area and promote community pride.

CAPITAL PROJECT DETAIL

Streets

ADA Accessibility

Project Number: PW00025

Project Location: Citywide

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	Highway User Fun Base		\$0	\$1,000	\$5,150	\$1,000	\$5,150	\$1,000	\$5,150	\$1,000	\$5,150	\$1,000	\$25,600
Chargebacks	Highway User Fun Base		\$0	\$9,000	\$7,000	\$9,000	\$7,000	\$9,000	\$7,000	\$9,000	\$7,000	\$9,000	\$73,000
Construction	Highway User Fun Base		\$515,000	\$100,000	\$515,000	\$100,000	\$515,000	\$100,000	\$515,000	\$100,000	\$515,000	\$100,000	\$3,075,000
Construction	Highway User Fun Carryover		\$510,762	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$510,762
Study	Highway User Fun Base		\$0	\$100,000	\$0	\$100,000	\$0	\$100,000	\$0	\$100,000	\$0	\$100,000	\$500,000
Study	Highway User Fun Carryover		\$100,018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$100,018
Total Budget			\$1,125,780	\$210,000	\$527,150	\$210,000	\$527,150	\$210,000	\$527,150	\$210,000	\$527,150	\$210,000	\$4,284,380

Total Operating Impacts	\$3,200	\$660	\$3,200	\$660	\$3,200	\$660	\$3,200	\$660	\$3,200	\$660	\$3,200	\$660	\$19,300
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Description:

This program funds the City's ongoing effort to comply with the requirements of the Americans with Disabilities Act (ADA). The funds will be used to address 3 projects; 1) to procure a consultant for the purpose of identifying accessibility deficiencies within the public right-of-way, including existing curb ramps, sidewalks and driveways and recommending improvements needed to achieve full compliance with ADA requirements and city-approved policies (ADA Transition Plan); 2) respond to individual ADA requests and as ADA deficiencies are identified, the program funding will be used to design and construct the improvements and; 3) the ADA regulations identify that specific asphalt and concrete repair treatments that are considered to be alterations require installation of curb ramps within the scope of the project. Biannually, PW Streets Division will apply \$415,000 of allocated funding through this program towards ADA sidewalk ramp improvements needed on PMP projects.

Justification:

The Americans with Disabilities Act of 1990 is a civil rights statute that prohibits discrimination against people with disabilities. There are five separate titles (sections) of the Act relating to different aspects of potential discrimination. Title II dictates that public entities must perform self-evaluations of their existing facilities relative to the accessibility requirements of the ADA. The agencies are then required to develop a program access plan, or a transition plan, to address any deficiencies. The transition plan identifies physical obstacles that limit the accessibility of facilities to individuals with disabilities, describes the methods to be used to make the facilities accessible, provides a schedule for making the access modifications, and identifies the public officials responsible for implementation of the plan. The plan is required to be updated periodically until all accessibility barriers are removed. This program is to ensure continued compliance with the federal requirements.

CAPITAL PROJECT DETAIL

Streets

Bridge Maintenance & Guardrail Replacement Program

Project Number: EN00243

Project Location: Citywide

Live Peoria Goal: Integrated Transportation

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	Transportation SalBase		\$0	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$27,000
Chargebacks	Transportation SalBase		\$0	\$24,000	\$24,000	\$24,000	\$24,000	\$24,000	\$24,000	\$24,000	\$24,000	\$24,000	\$216,000
Construction	Transportation SalBase		\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$2,500,000
Construction	Transportation SalCarryover		\$200,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$200,000
Design	Transportation SalBase		\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$500,000
Total Budget			\$500,000	\$327,000	\$327,000	\$327,000	\$327,000	\$327,000	\$327,000	\$327,000	\$327,000	\$327,000	\$3,443,000

Description:

This project provides for the inventory and assessment of the City's guardrail assets and coordination with adjacent property owners, public involvement, design, utility coordination, utility relocation, construction and construction administration for replacement, repair and safety upgrades to roadway guardrail citywide. The improvements may include clearing and grubbing, saw cutting along existing pavement, installing new pavement, curb, gutter, valley gutter and apron, sidewalk, and handicap ramps, removing and replacing existing guardrail systems. This project may also require processing of utility company (APS, Cox, CenturyLink, SRP, EPNG, SWG, etc.) design and construction agreements, development and intergovernmental agreements. In addition, this project provides funding for the ongoing bridge and culvert maintenance and management program.

Justification:

City staff has identified a need to maintain, preserve, and improve the City's current aging inventory of roadside guardrail. In addition, the Federal Highway Administration has set new height and performance requirements for new and replaced barriers. Typical work to be performed will consist of assessing partial or full replacement, replacing aging wood post elements, tightening bolts and hardware, grading, clearing vegetation, evaluating length of need. The city's current bridge inventory has been identified, logged, photographed, located on GIS, named, numbered and placed into an internal database as part of the program. Through an intergovernmental agreement with the Arizona Department of Transportation (ADOT), each structure is inspected per National Bridge Inspection Standards (NBIS) and assessed at regular intervals by ADOT. The ADOT inspection program does not address interim structural or safety issues that may arise, nor does it address preventative maintenance. Conditions may arise in the period between ADOT inspections that knowledgeable city crews may be able to detect and report to the City Engineer for evaluation and possible action. Safety issues such as bridge rail impact damage typically cannot wait for biannual inspections to report, evaluate and repair. Routine and preventative maintenance actions may also be appropriate to help maintain or improve the performance of individual bridge elements and the bridge as a whole.

CAPITAL PROJECT DETAIL

Streets

Cactus Rd; 67th Av-83rd Av Shade & Landscape

Project Number: EN00689

Project Location: Cactus Rd; 67th Av to 83rd Av

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	Transportation SalBase		\$0	\$0	\$0	\$0	\$1,900	\$20,000	\$0	\$0	\$0	\$0	\$21,900
Chargebacks	Transportation SalBase		\$0	\$0	\$0	\$0	\$39,000	\$64,000	\$0	\$0	\$0	\$0	\$103,000
Construction	Transportation SalBase		\$0	\$0	\$0	\$0	\$0	\$2,083,498	\$0	\$0	\$0	\$0	\$2,083,498
Design	Transportation SalBase		\$0	\$0	\$0	\$0	\$190,000	\$0	\$0	\$0	\$0	\$0	\$190,000
Total Budget			\$0	\$0	\$0	\$0	\$230,900	\$2,167,498	\$0	\$0	\$0	\$0	\$2,398,398

Total Operating Impacts	\$0	\$0	\$0	\$0	\$0	\$20,600	\$20,600	\$20,600	\$20,600	\$20,600	\$103,000
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Description:

This project provides for the coordination with adjacent property owners, public involvement, utility coordination, construction and construction administration for refreshing decomposed granite, enhancing landscape and irrigation system, repair, wash and paint existing perimeter walls along Cactus Rd between 67th Av and 83rd Av. This project may also require processing of utility company (APS, Cox, CenturyLink, SRP, EPNG, SWG, etc.) design and construction agreements, development and intergovernmental agreements.

Justification:

Certain sections of landscape within the existing right-of-way along Cactus Rd between 67th Av and 83rd Av are outdated, in need of being enhanced, restored, and beautified. Upgrading the landscape material, refreshing the decomposed granite and painting the walls will improve the attractiveness of the area and promote community pride.

CAPITAL PROJECT DETAIL

Streets

City Parking Lots - Parks & Facilities

Project Number: PW00995

Project Location: Citywide

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	Future GO Bonds Base		\$0	\$6,285	\$0	\$4,714	\$0	\$4,714	\$0	\$4,714	\$0	\$4,714	\$25,141
Construction	Future GO Bonds Base		\$0	\$628,500	\$0	\$471,375	\$0	\$471,375	\$0	\$471,375	\$0	\$471,375	\$2,514,000
Construction	Future GO Bonds Carryover		\$30,084	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$30,084
Construction	GO Bonds 2019 Carryover		\$222	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$222
Other	GO Bonds 2019 Carryover		\$896	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$896
Total Budget			\$31,202	\$634,785	\$0	\$476,089	\$0	\$476,089	\$0	\$476,089	\$0	\$476,089	\$2,570,343

Description:

In addition to Parks Parking Lots, the Streets Division also manages Facilities Parking Lots to apply its Pavement Management Program of condition indexing and life cycling as the criteria for determining priority and treatment application. In FY20, the lots were surveyed electronically and survey data was delivered in July (FY21). Once the data has been vetted, it will be integrated to the pavement management software. Thereafter, the programmed treatments will be applied and the Streets Division will manage the lifecycle recommendation and treatments of both Facilities and Parks Parking Lots based upon the program and allocated funding.

The proposed parking lot maintenance areas shown below are subject to change after the electronic survey data has been entered into the city's pavement management software program. The program will evaluate this parking lot condition data to help establish a budget-based prioritization of projects for the next several years.

Potential Project Parking Lot Areas (Subsequent Fiscal Years):

Sweetwater Park, Country Meadows Park, Sunnyslope Park (West Lot), Butler Treatment Plant, and Fire Station #4

Justification:

Electronic survey and data capture has provided the Streets Division with objective rating criteria for all city streets. This has resulted in an overall higher quality of pavement and a better, more predictable plan of maintenance and cost. By applying the same formula to parking lots, Parks and Facilities parking lots will benefit by better managing the condition and budget for these assets.

CAPITAL PROJECT DETAIL

Streets

Corrine Drive Street Improvements

Project Number: EN00627

Project Location: Corrine Dr; 71st Av to 70th Dr

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	Transportation Sal	Carryover	\$216,604	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$216,604
Total Budget			\$216,604	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$216,604

Total Operating Impacts	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$10,000
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Description:

This project provides for the coordination with adjacent property owners, public involvement, drainage statement, design, utility coordination, utility relocation, construction and construction administration for the construction of the Corrine Dr. Half street improvements adjacent to 7046 W Corrine Drive, and mill & overlay the existing pavement on Corrine Dr from 71st Av to 70th Dr . This project may also require processing of utility company (APS, Cox, Qwest, SRP, EPNG, SWG, etc.) design and construction agreements, development and intergovernmental agreements.

Justification:

The Thunderbird West subdivision was constructed in 1969 as a Maricopa County island. The City annexed the area in 2000. Since the annexation of the area, the City has been addressing various issues and complaints. The issues to be addressed with this project include: 1) the homeowner at 7046 W. Corrine Dr failed to construct the 1/2 street improvements on Corrine Dr prior to receiving a Certificate of Occupancy. The City has been receiving complaints from the neighbors to the east regarding the lack of roadway improvements and 2) Corrine Dr is in need of pavement rehabilitation. This project will address the two (2) issues by completing the 1/2 street improvements adjacent to 7046 W. Corrine Dr, and rehabilitating the Corrine Dr pavement.

CAPITAL PROJECT DETAIL

Streets

Deer Valley Rd; 109th Av to Lake Pleasant Pkwy

Project Number: EN00395

Project Location: Deer Valley Rd; 109th Av to Lake Pleasant Pkwy

Live Peoria Goal: Integrated Transportation

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	Non-Bond Capital Carryover		\$365,347	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$365,347
Land Acquisitio	Non-Bond Capital Carryover		\$110,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$110,000
Arts	Transportation SalBase		\$0	\$14,377	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$14,377
Chargebacks	Transportation SalBase		\$0	\$47,923	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$47,923
Construction	Transportation SalBase		\$0	\$1,437,700	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,437,700
Construction	Transportation SalCarryover		\$750,610	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$750,610
Design	Transportation SalBase		\$520,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$520,000
Land Acquisitio	Transportation SalCarryover		\$50,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000
Total Budget			\$1,795,957	\$1,500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,295,957

Total Operating Impacts	\$5,530	\$5,530	\$35,030	\$35,030	\$35,030	\$35,030	\$100,030	\$39,480	\$39,480	\$39,480	\$369,650
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Description:

This project provides for the coordination with adjacent property owners and Maricopa County Department of Transportation (MCDOT), public involvement, acquisition of right-of-way, utility coordination, utility relocation, design, materials testing, construction, construction administration for land acquisition and construction of a roundabout at 109th Av and Deer Valley Rd, an entry monument, and raising the perimeter wall. The P83 Pedestrian & Shade Initiative Program will implement such strategies as targeting high incidence areas, provide or enhance connectivity to existing destinations, improve pedestrian networks and connectivity, construct corridors and intersection improvements, upgrade pedestrian signals, and enhance lighting.

Justification:

MCDOT is planning to extend Deer Valley Rd from 109th Av to El Mirage Rd. MCDOT is planning to construct the roadway improvement in 2021. The City is coordinating with MCDOT to construct a roundabout and entry monument at 109th Av and Deer Valley Rd as part of the roadway construction. The wall will be constructed simultaneously with the roadway improvements.

CAPITAL PROJECT DETAIL

Streets

Deer Village Unit III Sound Wall

Project Number: EN00640

Project Location: NEC 91st Av & Lake Pleasant Pkwy

Live Peoria Goal: Healthy Neighborhoods

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	Transportation SalBase		\$150,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$150,000
Design	Transportation SalBase		\$50,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000
Total Budget			\$200,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$200,000

Description:

This project provides for the coordination with adjacent property owners, public involvement, design, right-of-way acquisition, utility coordination, utility relocation, construction and construction administration for the construction of the Deer Village Unit III Sound Wall extending across three parcels (APNs 200-16-186, 200-16-187, and 200-16-188) located at the NEC of 91st Av and Lake Pleasant Pkwy. The improvements will include: clearing and grubbing, removing the existing 8' privacy wall, installing a temporary privacy fence, constructing a new 10' sound wall (2-feet taller), restoring landscape in the back yards, easement and right-of-way. This project may also require processing of utility company (APS, Cox, CenturyLink, SRP, EPNG, SWG, etc.) design and construction agreements, development and intergovernmental agreements.

Justification:

In 2005, the City conducted a noise analysis along Lake Pleasant Pkwy. According to the study, the existing privacy wall adjacent to residences at the NEC of 91st Av and Lake Pleasant Pkwy is not adequate to mitigate the noise. It is recommended that the existing privacy wall be raised to 10'. Staff is recommending the wall be raised adjacent to three parcels. The existing wall extending eastwardly to the park is set back far enough to negate the need for noise mitigation.

CAPITAL PROJECT DETAIL

Streets

El Mirage Rd; Blackstone Dr to Westland Rd

Project Number: EN00699

Project Location: El Mirage Rd; Blackstone Dr to Westland Rd

Live Peoria Goal: Integrated Transportation

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	DIF - Streets	NortCarryover	\$1,870,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,870,000
Total Budget			\$1,870,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,870,000

Description:

This project provides for the coordination with the Master Planned Community known as Lake Pleasant Heights. The City has entered into a Development Agreement with Lake Pleasant Heights and in accordance with the terms of the agreement, the landowners are responsible for the coordinated planning, design, engineering, construction, acquisition, installation of certain infrastructure. The City reserves the right to upsize infrastructure to serve other properties. Upsizing of the infrastructure will be paid by the City. Specifically, this Agreement will allow the City to enhance the Secondary Access along El Mirage Road from Blackstone Drive to Westland Road to a full width roadway. If an all-weather access road is to be constructed by the Landowner(s), the City will fund the differential costs between the full width roadway and an all-weather access road. The City shall only fund the portion across State Land ownership, with funding not to exceed 50% of the total project cost for this section of roadway. This project may also require processing of utility company (APS, Cox, CenturyLink, SRP, EPNG, SWG, etc.) design and construction agreements, development and intergovernmental agreements.

Justification:

Under the terms of the agreement, the landowners are responsible for their proportionate share of the roadway improvements included in the Lake Pleasant Heights Traffic Impact Analysis. El Mirage Road is designated as a north/south parkway to provide regional access from the development to State Route 74, and Westland Road is an east/west major arterial from the development to L303. The City reserves the right to upsize infrastructure to serve other properties.

CAPITAL PROJECT DETAIL

Streets

Grand Av - Wrought Iron Fence Concrete Footing

Project Number: EN00728

Project Location: N/O Grand Av; approx. 200' west of 88th Av to 83rd Av

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	Transportation Sal	Carryover	\$400,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$400,000
Total Budget			\$400,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$400,000

Total Operating Impacts	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$30,000
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Description:

This project provides for the coordination with adjacent property owners (ADOT, ACC, BNSFRR and PUSD) public involvement, study, design, utility coordination, construction and construction administration of a concrete single curb to be placed along the bottom of the existing wrought iron fencing located along the north side of the fence within the BNSF ROW extending from the concrete barrier west of 88th Av and 83rd Av, approximately 4,000 LF and installation of hostile landscape and irrigation system modifications along the north side of Grand Av between the curb and gutter and the wrought iron fence. The improvements will include: clearing and grubbing the existing landscape and irrigation system. This project may also require processing of utility company (APS, Cox, Centurylink, SRP, EPNG, SWG, ADOT, BNSFRR, etc.) design and construction agreements, development and intergovernmental agreements.

Justification:

The Arizona Corporation Commission has asked the City to construct a concrete curbing along the bottom of the Grand Av wrought iron fencing to prevent students from illegally crossing Grand Av, digging under the existing wrought iron fencing and illegally crossing the BNSF railroad. This curbing will not prevent the students from making the illegal crossing or prevent the students from climbing over the fence. This is considered a near term solution to be completed within the next 2 years. The ultimate solution proposed by staff to resolve this issue is to design and construct a pedestrian overpass that crosses over Grand Av and the BNSF railroad. The City submitted an application to MAG for design assistance funding. The design assistance funding will allow the City to develop a project assessment (PA) and 15% plans for a pedestrian overpass to cross over Grand Av and the BNSFRR. Once the PA and 15% plans are completed funding for the design, land acquisition and construction will be inserted into the 10-Year CIP.

CAPITAL PROJECT DETAIL

Streets

Happy Valley Pkwy Widening; LPP to Agua Fria

Project Number: EN00463

Project Location: Happy Valley Pkwy; LPP to Agua Fria River

Live Peoria Goal: Integrated Transportation

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	GO Bonds 2019	Carryover	\$6,208	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,208
Land Acquisitio	GO Bonds 2019	Carryover	\$64,422	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$64,422
Construction	Transportation Sal	Carryover	\$300,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$300,000
Total Budget			\$370,630	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$370,630

Total Operating Impacts	\$140,000	\$140,000	\$140,000	\$140,000	\$140,000	\$140,000	\$140,000	\$140,000	\$140,000	\$140,000	\$140,000	\$140,000	\$1,400,000
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Description:

This project provides for the coordination with MCDOT, the State Land Department, and adjacent property owners, public involvement, design, ROW acquisition and annexation, utility coordination, utility relocation, burying overhead facilities, construction and construction administration for the widening of Happy Valley Parkway from Lake Pleasant Parkway to the west end of the bridge over the Agua Fria River. The specific improvements will include clearing and grubbing, saw cut along existing pavement, install new pavement, micro-seal, curb, gutter, valley gutter and apron, sidewalk and ADA ramps, widening and installing drainage facilities, widening of the bridge and accommodating the Agua Fria River trail connection under the bridge, striping and signage, street lighting, and landscape and irrigation. This project may also require processing of utility company (APS, Cox, CenturyLink, SRP, SWG, EPNG, etc.) design and construction agreements, development and intergovernmental agreements, and annexing the western portion of the parkway.

Justification:

According to the North Peoria Traffic Study completed in 2013, the projected traffic volumes on Happy Valley Parkway between Lake Pleasant Pkwy and L303 would exceed the existing capacity of the roadway by 2016. Therefore, it is recommended that the project to widen this section of Happy Valley Parkway to accommodate six lanes and bike lanes be advanced.

CAPITAL PROJECT DETAIL

Streets

Happy Valley Rd; LPP to 97th Av Safety Study

Project Number: EN00695

Project Location: Happy Valley Rd East of Lake Pleasant Pkwy

Live Peoria Goal: Integrated Transportation

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Study	Transportation Sal	Carryover	\$250,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$250,000
Total Budget			\$250,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$250,000

Description:

This project provides for the coordination with adjacent property owners, public involvement, and conduct a Access Management study for the three (3) commercial driveways along the north side of Happy Valley Rd adjacent to the Lake Pleasant Crossing development and the two (2) commercial driveways along the south side of Happy Valley Rd adjacent to Mountainside Crossing development.

Justification:

The crash data shows high accident rates at the commercial driveways along Happy Valley Rd and east of Lake Pleasant Parkway. This access management study will evaluate the driveways and recommend alternative solutions to reduce crashes and improve safety. The project will also include public input to share the proposed solutions with the adjacent businesses and develop a final solution. Once the final solution is agreed upon another project will be submitted to fund the design, land acquisition and construction of the proposed solution.

CAPITAL PROJECT DETAIL

Streets

Jomax Rd Improvements; 72nd Dr to 75th Av

Project Number: EN00591

Project Location: Jomax Rd; 72nd Dr Alignment to 75th Av

Live Peoria Goal: Integrated Transportation

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	DIF - Streets Cent Base		\$0	\$0	\$2,200	\$20,000	\$0	\$0	\$0	\$0	\$0	\$0	\$22,200
Chargebacks	DIF - Streets Cent Base		\$0	\$0	\$41,000	\$104,000	\$0	\$0	\$0	\$0	\$0	\$0	\$145,000
Construction	DIF - Streets Cent Base		\$0	\$0	\$0	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$2,000,000
Design	DIF - Streets Cent Base		\$0	\$0	\$220,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$220,000
Land Acquisitio	DIF - Streets Cent Base		\$0	\$0	\$0	\$300,000	\$0	\$0	\$0	\$0	\$0	\$0	\$300,000
Total Budget			\$0	\$0	\$263,200	\$2,424,000	\$0	\$0	\$0	\$0	\$0	\$0	\$2,687,200

Total Operating Impacts	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$17,300	\$17,300	\$30,600
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Description:

This project provides for the coordination with adjacent property owners, public involvement, design, right-of-way acquisition, utility coordination, utility relocation, construction and construction administration for the construction of the south 1/2 street improvements on Jomax Rd between the 72nd Dr alignment and 75th Av. The improvements will include: clearing and grubbing, saw cutting along existing pavement, constructing approximately 1,400 lf of Jomax Rd roadway improvements to accommodate a cross section consisting of 2-1-2 with bike lanes. Other improvements include: connecting to the existing curb and gutter at the east end and transitioning back to two lanes west of 75th Av, curb, gutter, 8' wide sidewalk, extending storm drain culverts, relocating two air release valves, installing conduit at the intersection of 75th Av for a future traffic signal, streetlights, landscape and irrigation and extension of an 8" water lateral south along the 74th Dr alignment. This project may also require processing of utility company (APS, Cox, CenturyLink, SRP, EPNG, SWG, etc.) design and construction agreements, development and intergovernmental agreements.

Justification:

The proposed Aloravita subdivision has constructed Jomax Rd north 1/2 street improvements between 75th Av and 67th Av. The remainder of the north 1/2 street improvements between 67th Av and Pyramid Pk Pkwy will be constructed at a later date. Staff is planning to coordinate the construction of the south 1/2 street of Jomax Rd between the 72nd Dr alignment and 75th Av with the development of the ASLD property at the NWC of Happy Valley Rd and 75th Av Alignment. The ASLD land has been auctioned in December 2020, Application No. 53-121194.

CAPITAL PROJECT DETAIL

Streets

Jomax Rd; Loop 303 to Vistancia Blvd

Project Number: EN00585

Project Location: Jomax Rd; Loop 303 to Vistancia Blvd

Live Peoria Goal: Integrated Transportation

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	DIF - Streets	NortCarryover	\$2,909,825	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,909,825
Land Acquisitio	Transportation	SalCarryover	\$514,242	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$514,242
Construction	W/S Rev Bonds (	Carryover	\$105,161	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$105,161
Total Budget			\$3,529,228	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,529,228

Total Operating Impacts	\$29,000	\$29,000	\$63,000	\$63,000	\$63,000	\$63,000	\$63,000	\$63,000	\$63,000	\$63,000	\$63,000	\$63,000	\$562,000
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Description:

This project has three distinct phases: Phase 1 was for the preparation of a Design Concept Report (DCR) for Jomax Road between El Mirage Road and Tierra del Rio Boulevard, which is complete and provides the following information: alternatives alignments, recommendations for the preferred alignment, cross section information, intersection configurations, right-of-way needs, environmental analysis, biological and culturally sensitive sites, lighting, landscape, water, wastewater, ITE improvements, pedestrian/bike facilities, trail facilities, and drainage plans and arts for this section of the Jomax Road corridor, utility coordination, preparation of 15% plans, construction cost estimates and public involvement. Phase 2 includes the coordination with adjacent property owners and government agencies, public involvement, design, land acquisition from ASLD, biological, environmental clearances, right-of-way legal descriptions and appraisals, utility coordination, utility relocation, materials testing, construction and construction administration of Jomax Road between Loop 303 and Vistancia Boulevard. Phase 2 will include purchasing the ASLD land, construction of four lanes and a wide median, a drainage channel along the north side of the roadway, natural landscape theme improvements, and reconstruction and signalization of the intersection of Vistancia Boulevard and Jomax Road. This project may also require processing of utility company design and construction agreements, development agreements, and intergovernmental agreements (IGA); Phase 3 involves the negotiating an IGA with ADOT for improvements at the Loop 303 and Jomax Road Traffic Interchange (TI). Specifically, the agreement will include aesthetics for the TI, bike lanes, a wider sidewalk, constructing the traffic signal and lighting to City standards, and the City paying for necessary sleeves under Loop 303 for a future water line and interconnect conduit. The City will agree to maintain the Loop 303 TI striping, underdeck lighting, ITE equipment, and traffic signals.

Justification:

The City's Circulation Element of the General Plan identifies a conceptual alignment for the section of Jomax Road between Tierra Del Rio and El Mirage Road. As development in the area continues and the traffic volumes increase, the need for additional east-west crossings over the Agua Fria River between Happy Valley Road and Lake Pleasant Parkway will become necessary. According to the Circulation Plan, there are 2 future crossings identified: 1) Jomax Road and 2) Lone Mountain Parkway. This study will provide an alignment for the future Jomax Road and allow for better coordination of access for future development and coordination with ADOT regarding the Jomax Road traffic interchange. Construction of the section of Jomax Road between Loop 303 and Vistancia will provide for an additional access to Loop 303.

CAPITAL PROJECT DETAIL

Streets

LED Streetlight Conversion - RESIDENTIAL

Project Number: PW11161

Project Location: Citywide

Live Peoria Goal: Healthy Neighborhoods

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Other	Transportation SalBase		\$0	\$0	\$1,221,000	\$1,221,000	\$1,221,000	\$0	\$0	\$0	\$0	\$0	\$3,663,000
Total Budget			\$0	\$0	\$1,221,000	\$1,221,000	\$1,221,000	\$0	\$0	\$0	\$0	\$0	\$3,663,000

Description:

At a presentation to Council upon completion of the LED streetlight conversion of arterial and high volume collector streetlights, Council and Leadership expressed an interest in completing the conversion on all residential streets as a coordinated project instead of the current practice of replacement by attrition. The Streets Division therefore proposes a systematic replacement of all remaining HPS streetlights to LED over the next three (3) years. This approach will eliminate the resulting variations between HPS and LED lighting and appearance in our communities.

Justification:

LED is energy efficient, longer lasting and therefore, consistent with the Council's sustainability goals. Further, LED streetlights cast a clean, white and directional light which looks very different as compared to the old, yellowish HPS. HPS lights are no longer available for our purchase so when an existing HPS light burns out, we must replace it with LED. In order to facilitate Council, Leadership and residents' desire for a more systematic approach to replacement, the division proposes to replace approximately 1/3 of the remaining HPS lights in the city per year for the next 3 years. There are approximately 11,000 remaining HPS in the city. Conversion costs approximately \$333 per pole which includes the fixture, installation labor and required repair to the pole, arm, wiring or other components, parts/connections which may also include service charges by APS/SRP. The division proposes to proceed with the project geographically, moving from south to north Peoria in 3 years.

CAPITAL PROJECT DETAIL

Streets

LPP; Yearling Rd to Jomax Rd Street Improvements

Project Number: EN00637

Project Location: Lake Pleasant Pkwy btwn Yearling & Remuda Dr

Live Peoria Goal: Integrated Transportation

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	Transportation SalBase		\$500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$500,000
Construction	Transportation SalCarryover		\$430,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$430,000
Total Budget			\$930,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$930,000

Total Operating Impacts	\$0	\$2,700	\$2,700	\$2,700	\$2,700	\$2,700	\$2,700	\$2,700	\$2,700	\$2,700	\$2,700	\$2,700	\$24,300
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Description:

This project provides for up to a \$500,000.00 reimbursement for infrastructure improvements that improves circulation for Basis School, Querencia, and the development north of Basis. This project may also require processing of utility company (APS, Cox, Qwest, SRP, EPNG, SWG, etc.) design and construction agreements, development and intergovernmental agreements.

Justification:

Development is anticipated for the area; the precise infrastructure is still yet to be determined and will be influenced by development on adjacent property north of BASIS. The City may reimburse future development up to \$500,000.00 depending on the ultimate development and required improvements.

CAPITAL PROJECT DETAIL

Streets

Northern Parkway

Project Number: EN00142

Project Location: Northern Av from 71st Av to 115th Av

Live Peoria Goal: Integrated Transportation

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	Transportation SalBase		\$0	\$10,000	\$10,000	\$50,000	\$15,403	\$1,164	\$0	\$0	\$0	\$0	\$86,567
Chargebacks	Transportation SalBase		\$0	\$11,500	\$11,500	\$57,500	\$18,000	\$14,000	\$0	\$0	\$0	\$0	\$112,500
Construction	Transportation SalBase		\$1,000,000	\$1,000,000	\$1,000,000	\$5,000,000	\$1,540,270	\$116,407	\$0	\$0	\$0	\$0	\$9,656,677
Total Budget			\$1,000,000	\$1,021,500	\$1,021,500	\$5,107,500	\$1,573,673	\$131,571	\$0	\$0	\$0	\$0	\$9,855,744

Description:

This project provides for the City's contribution toward land acquisition and construction to convert the existing Northern Avenue to an eight-lane, limited access "regionally significant" arterial roadway that will be designated Northern Parkway. The project will construct overpasses at the intersections of mile roadways, including bridged mainline overpasses, median barriers, exit and entrance ramps, traffic signals, landscape and irrigation, barrier walls, utility relocations, and drainage improvements, paving, curb, gutters, street lighting, pavement markings and signing. Per the City Attorney's Office, the City has a contractual obligation to contribute financially to this project under the terms of a 2008 intergovernmental agreement. The project budget reflects the latest financial plan formalized in the Arterial Life Cycle Program (ALCP) published by the Maricopa Association of Governments (MAG).

Justification:

MAG conducted a study for east-west mobility across the Valley. Considering the location of the I-10 freeway, Bell Road and Loop 101, another east-west route was needed to handle high volumes of regional traffic. The connectivity with the three State Routes of US60, Loop 101 and Loop 303 were also considered vital to the regional traffic circulation. Considering natural and manmade obstructions such as New River, Agua Fria River, military installations, airports, Sun City, etc., the recommended route is Northern Avenue. Maricopa County and the cities of Peoria, Glendale and El Mirage are partnering to design, acquire ROW and construct Northern Parkway. Proposition 400 funding covers 70 percent of the entire project costs. In accordance with the IGA, the City's share is 20 percent of the remainder.

CAPITAL PROJECT DETAIL

Streets

Old Town Intersection Lighting

Project Number: EN00668

Project Location: Old Town Peoria

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	Transportation SalBase		\$310,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$310,000
Design	Transportation SalBase		\$30,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$30,000
Total Budget			\$340,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$340,000

Total Operating Impacts	\$1,100	\$1,100	\$1,100	\$1,100	\$1,100	\$1,100	\$1,100	\$1,100	\$1,100	\$1,100	\$1,100	\$1,100	\$11,000
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Description:

This project provides for the coordination with adjacent property owners, public involvement, design, right-of-way/ easement acquisition, utility coordination, utility relocation, construction and construction administration for installing approximately seven new LED street lights in Old Town Peoria. Four locations are at existing intersections (85th Av & Madison St, 85th Av & Jefferson St, 85th Av & Washington St, and 82nd & Madison St). The three additional street lights are needed along the south side of Peoria Av between Peoria Av and 84th Av adjacent to Wagoner Plaza. Improvements include expanding the existing APS street lighting system currently serving street lighting within Old Town, new conduits, street lights, and landscape restoration where required. This project may also require processing of utility company (APS, Cox, CenturyLink, SRP, EPNG, SWG, etc.) design and construction agreements, development and intergovernmental agreements.

Justification:

In FY20, staff implemented a street lighting study as part of the FY21 Community Works Quick Response Program to determine areas of improvement and to evaluate existing conditions. The study area included boundaries of Old Town Peoria bounded by 85th Av, Peoria Ave, 82nd Av, and Monroe St. Several options were considered as part of the study. The study identified several intersections where additional street lighting will improve pedestrian public safety. This project would be considered the first phase of construction for infill street lighting with Old Town Peoria. Future CIP street lighting infill projects may be required pending future Old Town development projects currently being considered in the area.

CAPITAL PROJECT DETAIL

Streets

Olive Av, Loop 101 to 99th Ave Safety Improvements

Project Number: EN00731

Project Location: Olive Av, Loop 101 to 99th Av

Live Peoria Goal: Integrated Transportation

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	Transportation SalBase		\$1,337,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,337,000
Construction	Transportation SalCarryover		\$186,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$186,000
Land Acquisitio	Transportation SalCarryover		\$11,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$11,000
Study	Transportation SalCarryover		\$120,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$120,000
Total Budget			\$1,654,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,654,000

Total Operating Impacts	\$0	\$0	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$120,000
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Description:

This project provides for the coordination with adjacent property owners, public involvement, utility coordination, utility relocation, design, construction and construction administration for a project that will address numerous access and safety concerns along Olive Av from Loop 101 to 99th Av. The first phase, Study & Design, will look at: the need for a traffic signal at 98th Ln and Olive Av, access at the QT gas station located on the corner of 95th Av and Olive Av, access to Olive Business Park located on the corner of 93rd Av and Olive Av, access and exiting safety at the Olive Avenue Fire Station No. 4 located at 9800 W Olive Av. The study will also address vehicular access and safety along Olive Av from Loop 101 to 99th Av. The second phase or the Construction Phase, will install and construct the recommended safety improvements. This may include, but not be limited to: installation of a traffic signal at 98th Ln and median modifications, access control, left turn storage modifications, median modification to correct negative offsets at 93rd Av, and installation of raised median for safety purposes. A raised median will be installed along the west leg of 95th Av from the intersection to 550' west. In addition, a raised median will be installed on the east leg from the 95th Av intersection to the Loop 101, minus a gap for westbound/ southbound lefts. Specific improvements will include, but not be limited to: removal of existing curb, asphalt, landscaping, irrigation, and traffic signs, and installation of new curb, concrete pavers, pavements, micro-seal, and signage and striping. This project must be coordinated with SRP as there is an existing irrigation easement that crosses Olive Av with the project's limits. The project will also include coordination with ADOT and extensive public outreach. This project may also require processing of utility company (APS, Cox, CenturyLink, SRP, EPNG, SWG, etc.), design and construction agreements, development and intergovernmental agreements.

Justification:

Olive Av between Loop 101 and 99th Av is a significant 4-lane roadway serving a vital link between Maricopa County and the City of Surprise to the west and the City of Glendale to the east. Continued development within the area has resulted in an increase in traffic and pedestrian volumes on Olive Av. The City will be conducting a study to identify near-term and long-term solutions for accommodating vehicular and pedestrian travel demand, adjacent property access, and establishing operating principles to improve the effectiveness of traffic operations along the Olive Av corridor.

CAPITAL PROJECT DETAIL

Streets

P83 Pedestrian & Shade Initiative Program

Project Number: EN00749

Project Location: 83rd Av betwn Skunk Creek Bridge and Bell Rd

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	Transportation SalBase		\$0	\$0	\$0	\$0	\$0	\$0	\$3,000	\$12,000	\$0	\$0	\$15,000
Chargebacks	Transportation SalBase		\$0	\$0	\$0	\$0	\$0	\$0	\$24,000	\$52,000	\$0	\$0	\$76,000
Construction	Transportation SalBase		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,200,000	\$0	\$0	\$1,200,000
Design	Transportation SalBase		\$0	\$0	\$0	\$0	\$0	\$0	\$300,000	\$0	\$0	\$0	\$300,000
Total Budget			\$0	\$0	\$0	\$0	\$0	\$0	\$327,000	\$1,264,000	\$0	\$0	\$1,591,000

Total Operating Impacts	\$0	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$90,000
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Description:

The P83 Pedestrian and Shade Initiative Program will enhance pedestrian shade and walkability by adding improvements to the P83 Area. The P83 Program will focus on enhancing and providing connectivity to existing destinations such as the Peoria Sports Complex, existing residential areas, Skunk Creek Multi-Use Path, the popular restaurant row and hotels. Improvements may include shade trees, landscaping, wide ADA sidewalks, landscape irrigation, streetlights equipped with shade canopies, shade structures, benches, pedestrian and canopy lighting, trash receptacles and other amenities. The project may require removal of existing sidewalk, ramps, site grading (fill) and other miscellaneous features. This project may also require processing of utility company (APS, Cox, CenturyLink, SRP, EPNG, SWG, etc.) design and construction agreements, development, and intergovernmental agreements.

Justification:

The P83 Pedestrian & Shade Initiative Program will implement such strategies as targeting high incidence areas, provide or enhance connectivity to existing destinations, improve pedestrian networks and connectivity, construct corridors and intersection improvements, upgrade pedestrian signals, and enhance lighting.

CAPITAL PROJECT DETAIL

Streets

Pavement Management Program - Preservation

Project Number: PW00138

Project Location: Citywide

Live Peoria Goal: Integrated Transportation

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	Highway User Fun Base		\$0	\$35,000	\$35,000	\$39,594	\$40,525	\$41,474	\$42,440	\$43,426	\$44,429	\$45,452	\$367,340
Construction	Highway User Fun Base		\$3,500,000	\$3,500,000	\$3,500,000	\$3,959,406	\$4,052,506	\$4,147,374	\$4,244,046	\$4,342,553	\$4,442,933	\$4,545,221	\$40,234,039
Construction	Highway User Fun Carryover		\$61,862	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$61,862
Arts	Transportation SalBase		\$0	\$0	\$0	\$9,406	\$9,406	\$9,406	\$9,406	\$9,406	\$9,406	\$9,406	\$65,842
Construction	Transportation SalBase		\$0	\$0	\$0	\$940,594	\$940,594	\$940,594	\$940,594	\$940,594	\$940,594	\$940,594	\$6,584,158
Construction	Transportation SalCarryover		\$494,111	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$494,111
Total Budget			\$4,055,973	\$3,535,000	\$3,535,000	\$4,949,000	\$5,043,031	\$5,138,848	\$5,236,486	\$5,335,979	\$5,437,362	\$5,540,673	\$47,807,352

Description:

In FY17, the Streets Division presented its Pavement Management Program and provided details of our first technical data report conducted by a third party. The results indicated that Peoria streets were in better condition than the national average (60-65) with an overall condition rating of 72. We presented these findings to City Council and our residents, and with that, we committed to a transparent program by publishing street-by-street results with a 5-year plan to achieve/maintain the highest pavement ratings possible within our allocated budget. In FY18-20, our budgets were infused with additional funding and we were able to treat nearly 190 miles of pavement to increase our PCI.

The FY20 condition survey confirmed that the City achieved its PMP goals by raising the PCI to >77 and eliminated most of the backlog of failing pavements. The results validated our overall program with technical data that matched our forecasts and goals.

As of FY21, our budgets resumed the pre-FY18 rate of funding at approximately \$6 million per year. At \$6M, we can only treat about 38 miles of road per year with a reduced scope of work for those projects. (average of planned FY21-FY25). Even with a reduced scope, it would take more than 17 years to get to each road in the city [$\$6M \div 38$ average CL miles per year = $\$157,894.74 = <7\%$] and our PCI would decline quickly at the rate of about 1.5 points per year to 67 in FY26 at which point the cost to recover will be significantly greater.

In an optimal program of maintenance, each segment of road is treated every 7-10 years. From FY22-FY26, the Division proposes to focus on the pavement segments that require rehab - currently 58 miles/8% of our network. At the end of that push, the network will be almost exclusively in the preservation category (good to excellent) and the total amount needed to treat the entire network will be reduced to the cost of PRESERVATION at \$140,000 per mile (vs \$590,000 per mile for REHAB).

This strategy will increase citizen satisfaction by addressing the worst of our pavements sooner and thereby providing a better balance of condition throughout the city. At the end of this push, it will be time for the next technical condition survey to provide a measure of our success.

In FY22, the following areas are priorities pursuant to our PMP: Countrybrook Meadows; Fairmont; Central Park; Westwing; and 75th Ave, from Peoria Avenue to Thunderbird Road.

CAPITAL PROJECT DETAIL

Streets

Justification:

At a replacement cost that exceeds \$4 million per arterial, centerline mile and \$1.4 million per residential, centerline mile, the city has an investment of about \$1,179,800,000 in our paved roadway network. For this reason, management of this valuable infrastructure is a high priority.

There are nearly 1,600 lane miles (659 centerline miles) of arterial, collector, and residential streets in the city and nearly 1,200 miles of sidewalks. The Streets Division is responsible to inventory, evaluate, preserve and rehabilitate the condition of all Peoria roads and related infrastructure. The long term goal of our Pavement Management Program is to preserve good pavement in good condition, thereby avoiding the much greater costs of rehabilitation and reconstruction for as long as possible. The short term goal of our Program is to align the long term objectives with Council's goals and present budget implications. This strategy furthers all those goals and it will definitely make citizens happy as we accelerate the worst areas and provide a more balanced PCI across the city. (The rate of inflation mirrors ADOT's local interpretation of the nations construction cost index (CCI) at 1.9% in this FY)

CAPITAL PROJECT DETAIL

Streets

Pavement Management Program - Rehabilitation

Project Number: PW13000

Project Location: Citywide

Live Peoria Goal: Integrated Transportation

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	Future GO Bonds Base		\$0	\$68,000	\$68,000	\$68,000	\$68,000	\$0	\$0	\$0	\$0	\$0	\$272,000
Construction	Future GO Bonds Base		\$6,800,000	\$6,800,000	\$6,800,000	\$6,800,000	\$6,800,000	\$0	\$0	\$0	\$0	\$0	\$34,000,000
Construction	Highway User Fun Carryover		\$14,516	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$14,516
Construction	Other Capital Carryover		\$64,380	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$64,380
Construction	Transportation Sal Carryover		\$1,121,638	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,121,638
Total Budget			\$8,000,534	\$6,868,000	\$6,868,000	\$6,868,000	\$6,868,000	\$0	\$0	\$0	\$0	\$0	\$35,472,534

Description:

In FY17, the Streets Division presented its Pavement Management Program and provided details of our first technical data report conducted by a third party. The results indicated that Peoria streets were in better condition than the national average (60-65) with an overall condition rating of 72. We presented these findings to City Council and our residents, and with that, we committed to a fully transparent program by publishing street-by-street results with a 5-year plan to maintain the highest pavement ratings possible within our allocated budget. In FY18-20, our budgets were infused with additional funding and we were able to treat nearly 190 miles of pavement to increase our PCI.

The FY20 condition survey revealed that the City achieved its PMP goals by raising the PCI to 77 and eliminated most of the backlog of failing pavements. The results validated our overall program with technical data that matched our forecasts and goals.

In order to maintain our streets in serviceable condition for as long as possible at the lowest cost, the City's Pavement Management Program includes emphasis on early preservation treatments such as seal coats, slurry seals and micro seals. Streets that are treated or repaired when they are in a good condition (61-100 PCI) will cost less over their lifetime than streets that are allowed to deteriorate to a poor condition. Streets within this PCI range are part of the Preservation Pavement Management Program with an average cost to preserve each centerline mile @ \$137,548.

At this time, there are approximately 58 centerline miles of roadway in need of rehabilitation with an average cost to rehabilitate each centerline mile @ \$586,207, which is four times more than the cost to preserve a roadway in its early life instead. The FY20 condition survey results show that it will take approximately \$34 million dollars to eliminate streets with a PCI rating of 60 or lower.

It is proposed to complete these rehabilitation efforts over the next five years, and thereby shift all roadways into the Preservation Pavement Management Program. This will significantly reduce the City's long-term financial impacts of an aging, billion-dollar asphalt infrastructure by reducing maintenance costs to preserve and extend pavement lifecycles and maximize maintenance ROI.

If approved, the following communities may be rehabilitated as part of this project:

FY22: Sunset View (Acacia); Westfield Estates (Acacia); Westfield Gardens (Acacia); Braewood Peoria (Pine); Braewood Peoria 2 (Pine); Crystal Cove (Pine); 87th Ave, Bell Rd to Union Hills Dr (Ironwood); Peoria Ave, Loop 101 to 99th Ave (Pine)

CAPITAL PROJECT DETAIL

Streets

FY23: Ridgemere (Palo Verde); Finisterre West 2 (Palo Verde); Crosswinds (Palo Verde); Steeple Hill (Palo Verde); Bridlewood (Pine); Granite Run (Pine); Westgreen Estates 9 (Pine); 75th Ave, Olive Ave to Peoria Ave (Acacia)

FY2024: Bell Park Central (Ironwood); Parcel 2A, 3, 5, 6, 7 at Bell Park (Ironwood); Bell Park South (Ironwood)

FY2025: Citrus Gardens Estates (Willow); Starlight Estates (Willow); Silverton (Willow); Alta Vista Estates Unit 1 (Willow); and Alta Vista Estates Unit 2 (Willow)

Justification:

At a replacement cost that exceeds \$4 million per arterial, centerline mile and \$1.4 million per residential, centerline mile, the city has an investment of about \$1,179,800,000 in our paved roadway network. For this reason, management of this valuable infrastructure is a high priority.

There are nearly 1,600 lane miles (657 centerline miles) of arterial, collector, and residential streets in the city and nearly 1,200 miles of sidewalks. The Streets Division is responsible to inventory, evaluate, preserve and rehabilitate the condition of all Peoria roads and related infrastructure. The goal of our Pavement Management Program is to preserve good pavement in good condition, thereby avoiding the much greater costs of rehabilitation and reconstruction for as long as possible. Pavement Preservation is ideally accomplished by early, frequent and less expensive surface treatments such as seal coats, slurry, micro and chip seals. Pavement Rehabilitation is required when pavement shows significant distress beyond the restorative abilities of typical preservation and rehabilitation work. The specific treatment is determined by the existing condition, desired outcome and allocated budget. In some cases, more than one application will be utilized on a project and in most cases, our projects also require work on the curb, gutter and sidewalks as well. Currently, our allocation for pavement is split between CIP Program Accounts: PW00138 and PW13000.

Depending upon budgetary constraint, proceeding with the more extensive and expensive, rehabilitative treatments may be cost-prohibitive. Instead of simply red-lining projects, we attempt to do more internal service repairs and reduce project scopes with preservation-type surface treatments, thereby postponing the need for the more expensive rehabilitation and reconstruction on as many miles as possible.

CAPITAL PROJECT DETAIL

Streets

Peoria Av; 69th Av-79th Av Shade & Landscape

Project Number: EN00690

Project Location: Peoria Av; 69th Av to 79th Av

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	Transportation SalBase		\$0	\$0	\$0	\$0	\$1,250	\$13,355	\$0	\$0	\$0	\$0	\$14,605
Chargebacks	Transportation SalBase		\$0	\$0	\$0	\$0	\$25,100	\$42,000	\$0	\$0	\$0	\$0	\$67,100
Construction	Transportation SalBase		\$0	\$0	\$0	\$0	\$0	\$1,335,477	\$0	\$0	\$0	\$0	\$1,335,477
Design	Transportation SalBase		\$0	\$0	\$0	\$0	\$125,000	\$0	\$0	\$0	\$0	\$0	\$125,000
Total Budget			\$0	\$0	\$0	\$0	\$151,350	\$1,390,832	\$0	\$0	\$0	\$0	\$1,542,182

Total Operating Impacts	\$0	\$0	\$0	\$0	\$0	\$14,000	\$14,000	\$14,000	\$14,000	\$14,000	\$70,000
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Description:

This project provides for the coordination with adjacent property owners, public involvement, utility coordination, construction and construction administration for refreshing decomposed granite, enhancing landscape and irrigation system, repair, wash and paint existing perimeter walls along Peoria Av between 69th Av and 79th Av. This project may also require processing of utility company (APS, Cox, CenturyLink, SRP, EPNG, SWG, etc.) design and construction agreements, development and intergovernmental agreements.

Justification:

Certain sections of landscape within the existing right-of-way along Peoria Av between 69th Av and 79th Av are outdated, and in need of being enhanced, restored, and beautified. Upgrading the landscape material, refreshing the decomposed granite and painting the walls will improve the attractiveness of the area and promote community pride.

CAPITAL PROJECT DETAIL

Streets

Peoria High School Hawk Signal

Project Number: EN00742

Project Location: 83rd Av & Shangri-La

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	Outside Sources	Base	\$292,333	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$292,333
Construction	Transportation	SalBase	\$262,667	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$262,667
Design	Transportation	SalBase	\$110,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$110,000
Total Budget			\$665,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$665,000

Total Operating Impacts	\$0	\$7,000	\$7,000	\$7,000	\$7,000	\$7,000	\$7,000	\$7,000	\$7,000	\$7,000	\$7,000	\$63,000
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Description:

This project provides for the coordination with adjacent property owners, public involvement, design, right-of-way acquisition, utility coordination, utility relocation, burying overhead facilities, construction and construction administration for the construction of a HAWK signal system that will be installed at 83rd Av, south of Shangri-La. The improvements will include: removing an existing raised median that includes vertical curb, signage, removal of existing landscaping and landscape irrigation, removal of concrete platform, and removal of safety railing. Additional improvements include: saw cut and removal of existing pavement (assume 2-foot removal around the curb), installation of new asphalt, obliteration of existing striping, installation of new striping, micro-surfacing, removal of existing signage, installation of new signage, removal of two ramps, sidewalk, installation of two new ramps and sidewalk, and the installation of a HAWK system. This project may also require processing of utility company (APS, Cox, CenturyLink, SRP, EPNG, SWG, etc.) design and construction agreements, development and intergovernmental agreements.

Justification:

The CMF Clearinghouse gives a 55% percent reduction in pedestrian crashes after installation of a HAWK. While this location has experienced a low number of injury crashes over the last five years, there was a fatal pedestrian crash that occurred at the crossing in 2019 involving a student. By converting the pedestrian crossing to a full pedestrian hybrid beacon, it will increase driver awareness of the crossing and will force vehicles to stop during the pedestrian crossing sequence. In addition, there was an accident which involved a bicycle crossing the street at Edwards St, that may have been avoided with the option to cross the road at a pedestrian hybrid beacon.

CAPITAL PROJECT DETAIL

Streets

Quick Response Street Repairs

Project Number: PW00027

Project Location: Citywide

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	Highway User Fun Base		\$0	\$1,750	\$2,000	\$2,000	\$2,000	\$2,250	\$2,250	\$2,250	\$2,250	\$2,250	\$19,000
Construction	Highway User Fun Base		\$175,000	\$175,000	\$200,000	\$200,000	\$200,000	\$225,000	\$225,000	\$225,000	\$225,000	\$225,000	\$2,075,000
Total Budget			\$175,000	\$176,750	\$202,000	\$202,000	\$202,000	\$227,250	\$227,250	\$227,250	\$227,250	\$227,250	\$2,094,000

Description:

Major Street Repairs includes urgent, unplanned, or unfunded street work that may not be a planned part of other programs or typical maintenance operations. This may include logical collaboration with other projects or proactive work such as adding asphalt to a half-street developer improvement or CIP project to deliver a total project. This work typically consists of paving, milling, overlaying, and/or resurfacing of roadways (including concrete curb, gutter, valley gutter, and apron improvements).

Justification:

This program may enhance service delivery by avoiding delay on partially completed projects or by accelerating or enhancing other projects. The specific projects will be identified throughout the year based on staff review, prioritization criteria and justification. Projects are not programmed as part of the ongoing maintenance program.

CAPITAL PROJECT DETAIL

Streets

Rural Area Road Maintenance

Project Number: PW00163

Project Location: Citywide

Live Peoria Goal: Integrated Transportation

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	Highway User Fun Base		\$0	\$0	\$0	\$4,608	\$0	\$0	\$0	\$0	\$4,608	\$0	\$9,216
Construction	Highway User Fun Base		\$0	\$0	\$0	\$460,805	\$0	\$0	\$0	\$0	\$460,805	\$0	\$921,610
Construction	Highway User Fun Carryover		\$460,396	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$460,396
Total Budget			\$460,396	\$0	\$0	\$465,413	\$0	\$0	\$0	\$0	\$465,413	\$0	\$1,391,222

Description:

This project provides for the application of a rubberized chip, seal coats or other treatments, asphalt and/or concrete in rural, residential areas of the city where city standard roadways do not exist and natural washes or water intrusion cause erosion. In order to facilitate resident and emergency services access, reduce dust and meet PM10 regulations, the road surfaces must be treated approximately every five years. Areas that fall into this category include dedicated, rural roads between 91st & 95th Aves from Happy Valley Rd to Jomax; 77th - 81st Aves from Pinnacle Peak to Peay alignment; 91st - 93rd Aves from Hatfield Rd to Happy Valley PW and between 67th & 71st Ave from Camino de Oro - Calle Lejos.

Justification:

This project includes annexed and rural areas of residential development where city-standard paving with engineered drainage including curb, gutter and sidewalk was not previously required, but for which the city is now required to address access and/or air quality implications. At this time, estimated cost to treat these 8.81 lane miles is \$465,000.

CAPITAL PROJECT DETAIL

Streets

Sidewalks Annual Program

Project Number: PW00046

Project Location: Citywide

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	Highway User Fun Base		\$0	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$9,000
Chargebacks	Highway User Fun Base		\$0	\$6,400	\$6,400	\$6,400	\$6,400	\$6,400	\$6,400	\$6,400	\$6,400	\$6,400	\$57,600
Construction	Highway User Fun Base		\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$1,000,000
Construction	Highway User Fun Carryover		\$291,809	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$291,809
Total Budget			\$391,809	\$107,400	\$107,400	\$107,400	\$107,400	\$107,400	\$107,400	\$107,400	\$107,400	\$107,400	\$1,358,409

Total Operating Impacts	\$600	\$600	\$600	\$600	\$600	\$600	\$600	\$600	\$600	\$600	\$600	\$600	\$6,000
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Description:

This sidewalk program provides for the coordination with adjacent property owners, utility coordination, drainage study, design, construction, construction administration, public involvement, utility relocation, right-of-way acquisition, materials testing, for installing concrete sidewalks. This program addresses sidewalk deficiencies along arterial streets due to lack of adjacent development or older developments that did not complete the sidewalk improvements. This project may also require processing of utility company (APS, Cox, CenturyLink, SRP, EPNG, SWG, etc.) design and construction agreements, development and intergovernmental agreements.

Justification:

In early 2002, Council approved the funding of the Sidewalks Annual Program to be used for improvements to the City's existing infrastructure. The program is used to construct sidewalks along arterial streets. The Development and Engineering Department prioritizes projects based on certain criteria; 1) input from various departments, city management, Council and citizen requests, neighborhood support, 2) ADA requests, 3) areas around high pedestrian generators; such as parks, schools and safe routes, 4) impacts of development, 5) provisions in existing agreements, 6) is right-of-way sufficient to accommodate improvements, and 7) can the sidewalk improvements be constructed or are there any existing improvements, such as decorative fences, walls, lights, and landscaping (trees, shrubs, grass, sprinklers, etc.) that conflict with the proposed sidewalk improvements and must be removed or relocated by the property owner prior to construction of the sidewalk improvements.

CAPITAL PROJECT DETAIL

Streets

Sonoran Mountain Ranch Emergency Access

Project Number: EN00599

Project Location: 75th Av Alignment; Bajada Rd to 74th Ln

Live Peoria Goal: Integrated Transportation

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	Transportation SalBase		\$0	\$0	\$400	\$0	\$10,000	\$0	\$0	\$0	\$0	\$0	\$10,400
Chargebacks	Transportation SalBase		\$0	\$0	\$26,000	\$7,600	\$51,000	\$0	\$0	\$0	\$0	\$0	\$84,600
Construction	Transportation SalBase		\$0	\$0	\$0	\$0	\$1,000,000	\$0	\$0	\$0	\$0	\$0	\$1,000,000
Design	Transportation SalBase		\$0	\$0	\$40,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$40,000
Land Acquisitio	Transportation SalBase		\$0	\$0	\$0	\$80,000	\$0	\$0	\$0	\$0	\$0	\$0	\$80,000
Arts	Water Expansion Base		\$0	\$0	\$750	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$750
Construction	Water Expansion Base		\$0	\$0	\$0	\$0	\$600,000	\$0	\$0	\$0	\$0	\$0	\$600,000
Design	Water Expansion Base		\$0	\$0	\$75,000	\$0	\$6,000	\$0	\$0	\$0	\$0	\$0	\$81,000
Total Budget			\$0	\$0	\$142,150	\$87,600	\$1,667,000	\$0	\$0	\$0	\$0	\$0	\$1,896,750

Total Operating Impacts	\$0	\$0	\$0	\$0	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$60,000
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Description:

This project provides for the coordination with adjacent property owners, public involvement, design, right-of-way acquisition, utility coordination, utility relocation, construction and construction administration for providing an emergency access road starting from 75th Av (2,800 feet north of Jomax) and ending at approximately 3,000 feet to the north at 74th Ln. The proposed emergency access roadway will be restricted and accessed only during emergencies. The proposed access road will be coordinated with development and is planned to be part of the Aloravita development's internal roadway network. In addition, a 12-inch potable waterline will be installed as part of this project. This project may also require processing of utility company (APS, Cox, CenturyLink, SRP, EPNG, SWG, etc.) design and construction agreements, development and intergovernmental agreements.

Justification:

The Sonoran Mountain Ranch development is currently served by one roadway, Pyramid Peak Parkway, in and out. If, for any reason, this roadway becomes blocked or is taken out of service, this can be problematic. The proposed emergency access will provide crucial emergency service access to the area in the case the roadway is out of service. The proposed access is required to serve existing and future residents and will be coordinated with the development of the ASLD property. The ASLD property, Application No. 53-120944, at the NEC of Jomax Rd and 75th Av has been auctioned December 2020.

CAPITAL PROJECT DETAIL

Streets

Streetlight Pole Replacement & Infill Program

Project Number: PW11160

Project Location: Citywide

Live Peoria Goal: Healthy Neighborhoods

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Other	Highway User Fun Base		\$1,000,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$5,500,000
Other	Highway User Fun Carryover		\$374,803	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$374,803
Total Budget			\$1,374,803	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$5,874,803

Description:

This program provides for the replacement of old streetlights and citizen requests for new/additional streetlights in residential areas. There are 2,875 streetlights that are more than 30 years old. At the time of their installation, it was common to direct-bury the poles into the ground. Over time, water has damaged most of these poles causing rust and deterioration at the base. Each year, several fall due to rust at the pole's base. In some cases, these incidents have caused property damage and they have the potential to cause personal injury as well. Each pole replacement costs approximately \$5,650 so the total replacement cost for all would be more than \$16,000,000. At the proposed rate, we will continue to prioritize replacement of the oldest poles and those in areas of significant water exposure from landscape and irrigation. This program is also utilized to address incidental requests for streetlight infill in existing communities based upon established criteria that is consistent with the city's street lighting guidelines. On average, we complete 2-5 infill installations per year.

Justification:

In time, streetlight poles not installed in a concrete base will rust when exposed to frequent sprinklers, irrigation and other water sources. When the base rusts, the pole's integrity is compromised and it may fall with wind or slight contact, posing a safety risk. This program provides for the replacement of old streetlight poles that have become rusted and compromised due to age and wear. When the poles are replaced, new energy efficient LED fixtures are also installed.

Each new pole/fixture replacement costs about \$5,650. Approximately 2,875 poles are 30 years old or more out of more than 16,000 streetlight poles in the city.

At the \$1M requested rate of funding, the city would be able to replace about 176 poles, which is 6% of streetlight network that is 30 years or older. At the current \$500K rate of funding, the city will be able to replace approximately 88 poles, which is 3% of streetlight network that is 30 years older.

CAPITAL PROJECT DETAIL

Streets

Technical Pavement Condition Survey & Support

Project Number: PW00512

Project Location: Citywide

Live Peoria Goal: Integrated Transportation

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Other	Highway User Fun Base		\$0	\$255,000	\$0	\$0	\$255,000	\$0	\$0	\$255,000	\$0	\$0	\$765,000
Total Budget			\$0	\$255,000	\$0	\$0	\$255,000	\$0	\$0	\$255,000	\$0	\$0	\$765,000

Description:

Pavement preservation is integral to a fiscally sound program of pavement management. Allocated funds are applied to pavements where the greatest cost benefit will be realized in extended lifecycles and enhanced fiscal management through pavement lifecycle management.

In FY17, the Streets Division employed the first electronic survey of its entire pavement network. The results of this survey were provided to Council and City leadership as the official launch to a new, technology-based prioritization of our pavement program.

In FY20, the next technical survey validated the program and benchmarked our progress against ourselves and other cities around the country. The survey provides multiple levels of data reporting on the conditions of our pavement surfaces as well as structure and sub-structure. Based upon data collected and allocated budgets, the electronic survey allows the streets division to prioritize maintenance projects based upon the objective data. The data provision further facilitates transparency in our operation and benchmarks with other agencies. In FY20 the division added Facilities Parking Lots and Parks Trails and lots to the list of surveyed areas to facilitate consultation for those operations on asphalt and pavement management.

The electronic survey results are transmitted to the Streets Division's Lucity Pavement Management software. It is then used to run various reports and scenarios to plan future maintenance projects and forecast conditions based upon a variety of budget-based scenarios. A citywide complete technical survey will be repeated every three (3) years to update the changed conditions for maximum efficiency of our pavement management program.

Justification:

This survey greatly enhances the division's ability to report, forecast and plan our maintenance projects based upon consistent, objective data. Most larger cities in the valley utilize this technical inspection and reporting system, which enables benchmarking with other communities.

CAPITAL PROJECT DETAIL

Streets

Thunderbird Rd & 83rd Av Ped & Shade Initiative

Project Number: EN00645

Project Location: Thunderbird Rd & 83rd Av

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	Transportation SalBase		\$0	\$6,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,500
Chargebacks	Transportation SalBase		\$0	\$28,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28,000
Construction	Transportation SalBase		\$0	\$550,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$550,000
Design	Transportation SalBase		\$100,000	\$100,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$200,000
Total Budget			\$100,000	\$684,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$784,500

Total Operating Impacts	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$100,000
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Description:

This project will enhance pedestrian shade and walkability by adding improvements to the Thunderbird Rd and 83rd Av area. The project will install a host of improvements that may include shade trees, landscaping, landscape irrigation, shade structures, benches, pedestrian and canopy lighting, trash receptacles and other amenities. The project may require minor grading, removal of existing sidewalk, and other miscellaneous removals and features. This project may also require processing of utility company (APS, Cox, CenturyLink, SRP, EPNG, SWG, etc.) design and construction agreements, development, and intergovernmental agreements.

Justification:

The Thunderbird Rd and 83rd Av Pedestrian and Shade Project will implement strategies targeting high incidence areas, providing or enhancing connectivity to existing destinations, improving pedestrian networks and connectivity, emphasizing pedestrians and bikes in planning, constructing corridors and intersection improvements, upgrading pedestrian signals, enhancing lighting, and modifying behaviors through education and enforcement. To help get these materials into use and encourage safety in and around streets, bus stops, transit stations, and other multi-modal connections, staff will engage safety experts, existing and new stakeholders, local officials, and the public on a range of targeted strategies.

CAPITAL PROJECT DETAIL

Streets

Thunderbird Rd & 91st Av Intersection Safety Mods

Project Number: EN00743

Project Location: Thunderbird Rd & 91st Av

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Design	Non-Bond Capital Base		\$52,661	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$52,661
Study	Non-Bond Capital Base		\$35,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35,000
Construction	Outside Sources Base		\$181,284	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$181,284
Total Budget			\$268,945	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$268,945

Description:

This project provides for the coordination with adjacent property owners, public involvement, design, utility coordination, construction and construction administration for the modification of the medians, striping and signage at the intersection of Thunderbird Rd at 91st Av. The improvements will include: obliterating existing striping and removing signage, as necessary, removing median curb, median nose, and asphalt, constructing new pavement and median nose, and new striping and signage. This project may also require processing of utility company (APS, Cox, CenturyLink, SRP, EPNG, SWG, etc.) design and construction agreements, development and intergovernmental agreements.

Justification:

The most common sight obstructions at an intersection is a vehicle, particularly a large vehicle, stopped in the opposing left-turn lane. The Thunderbird Rd and 91st Av intersection has been identified as having a lack of sufficient sight distance, or a negative offset, for left turns impacting EB to NB and WB to SB left turn movements. For intersections with raised medians on the approaches, the median widths can be adjusted and the medians pulled back away from the intersection in conjunction with re-striping to remove the negative offset. The medians on Thunderbird Rd will be pulled back to improve sight distance. The City applied to MAG for a federal safety grant. It is anticipated the City will have to fund the entire project upfront and submit to MAG for reimbursement upon completion of the project.

CAPITAL PROJECT DETAIL

Streets

Thunderbird Rd; 67th Av-81st Av Shade & Landscape

Project Number: EN00691

Project Location: Thunderbird Rd; 67th Av to 81st Av

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	Transportation SalBase		\$0	\$0	\$0	\$0	\$1,400	\$15,169	\$0	\$0	\$0	\$0	\$16,569
Chargebacks	Transportation SalBase		\$0	\$0	\$0	\$0	\$28,500	\$47,000	\$0	\$0	\$0	\$0	\$75,500
Construction	Transportation SalBase		\$0	\$0	\$0	\$0	\$0	\$1,516,904	\$0	\$0	\$0	\$0	\$1,516,904
Design	Transportation SalBase		\$0	\$0	\$0	\$0	\$140,000	\$0	\$0	\$0	\$0	\$0	\$140,000
Total Budget			\$0	\$0	\$0	\$0	\$169,900	\$1,579,073	\$0	\$0	\$0	\$0	\$1,748,973

Total Operating Impacts	\$0	\$0	\$0	\$0	\$0	\$15,300	\$15,300	\$15,300	\$15,300	\$15,300	\$76,500
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Description:

This project provides for the coordination with adjacent property owners, public involvement, utility coordination, construction and construction administration for refreshing decomposed granite, enhancing landscape and irrigation system, repair, wash and paint existing perimeter walls along Thunderbird Rd between 67th Av and 81st Av. This project may also require processing of utility company (APS, Cox, CenturyLink, SRP, EPNG, SWG, etc.) design and construction agreements, development and intergovernmental agreements.

Justification:

Certain sections of landscape within the existing right-of-way along Thunderbird Rd between 67th Av and 81st Av are outdated, and in need of being enhanced, restored, and beautified. Upgrading the landscape material, refreshing the decomposed granite and painting the walls will improve the attractiveness of the area and promote community pride.

CAPITAL PROJECT DETAIL

Streets

Traffic Signal Vistancia Blvd & Ridgeline Rd

Project Number: EN00709

Project Location: Vistancia Blvd and Ridgeline Rd

Live Peoria Goal: Integrated Transportation

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	DIF - Streets	NortCarryover	\$655,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$655,000
Total Budget			\$655,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$655,000

Total Operating Impacts	\$0	\$8,400	\$8,400	\$8,400	\$8,400	\$8,400	\$8,400	\$8,400	\$8,400	\$8,400	\$8,400	\$8,400	\$75,600
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Description:

This project provides for the coordination with adjacent property owners, public involvement, ROW acquisition, utility coordination, utility relocation, construction and construction administration for the construction of the traffic signal at the intersection of Vistancia Blvd and Ridgeline Rd, median modifications, replacement of existing ramps to meet current ADA standards, removal of existing streetlights, micro-sealing, re-striping and signage of the intersection. This project may also require processing of utility company (APS, Cox, Centurylink, SRP, EPNG, SWG, etc.) design and construction agreements, development and intergovernmental agreements.

Justification:

Continued development within the area has resulted in an increase in traffic and pedestrian volumes on Vistancia. The intersection of Vistancia Blvd and Ridgeline Rd currently meets warrants for signalization. The City is responsible for the design of the traffic signal and 1/2 of the cost for construction of the traffic signal and land acquisition. Design is to be paid from the FY20 EN00170 Traffic Signal Program. Land Resources is responsible to reimburse the City for 1/2 the cost for construction of the traffic signal and land acquisition.

CAPITAL PROJECT DETAIL

Streets

Utility Undergrounding Program

Project Number: EN00563

Project Location: Citywide

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	Future GO Bonds Base		\$0	\$0	\$0	\$0	\$0	\$0	\$5,000	\$5,000	\$5,000	\$5,000	\$20,000
Chargebacks	Future GO Bonds Base		\$0	\$0	\$0	\$0	\$0	\$0	\$30,000	\$30,000	\$30,000	\$30,000	\$120,000
Construction	Future GO Bonds Base		\$0	\$0	\$0	\$0	\$0	\$0	\$450,000	\$450,000	\$450,000	\$450,000	\$1,800,000
Design	Future GO Bonds Base		\$0	\$0	\$0	\$0	\$0	\$0	\$50,000	\$50,000	\$50,000	\$50,000	\$200,000
Total Budget			\$0	\$0	\$0	\$0	\$0	\$0	\$535,000	\$535,000	\$535,000	\$535,000	\$2,140,000

Description:

This project provides for the coordination with adjacent property owners, public involvement, design, right-of-way acquisition, utility coordination, utility relocations, materials testing, construction and construction management for a utility undergrounding program. The improvements will include trenching, installing conduit, cabinets, pedestals, etc., pulling new wire, removing existing overhead facilities, and installing a new streetlight system. This program will also include processing of agreements (APS, Cox, CenturyLink, SRP, EPNG, SWG, etc.) for design and construction, as well as development agreements and intergovernmental agreements.

Justification:

Undergrounding overhead utilities can provide a number of benefits to Peoria residents, from more beautiful neighborhoods to more reliable utilities during extreme weather. City Code requires new or existing utilities to be placed underground when associated with new construction. Undergrounding overhead utilities faces many challenges, including cost, coordinating with other utilities, finding room within the existing right-of-way, and installing new streetlight systems. In 2013, the City prepared a Utility Undergrounding Master Plan (UUMP) that formalized a policy for burying overhead utilities, identified and prioritized projects, and evaluated possible funding sources. The City of Peoria has a total of 170 miles of overhead utilities. The UUMP was based on a cost of \$350 per foot. Most recently, the costs have been realized at \$400 per foot, which included installation of a new streetlight system. The UUMP identified removal of overhead utilities along arterial streets as a priority. In 2015, the City completed a project that buried the overhead utilities and installed a new streetlight system along the west side of 83rd Av between Olive Av and Butler Dr. A second project is currently under design to bury the overhead utilities and install a new streetlight system along the south side of Olive Av between 91st Av and 85th Av.

CAPITAL PROJECT DETAIL

Traffic Control

107th Av & Rose Garden Ln Traffic Signal

Project Number: EN00708

Project Location: 107th Av & Rose Garden Ln

Live Peoria Goal: Integrated Transportation

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	Outside Sources	Base	\$0	\$0	\$474,731	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$474,731
Design	Outside Sources	Base	\$0	\$157,736	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$157,736
Arts	Transportation	SalBase	\$0	\$1,500	\$12,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$13,500
Chargebacks	Transportation	SalBase	\$0	\$20,000	\$40,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$60,000
Construction	Transportation	SalBase	\$0	\$0	\$575,269	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$575,269
Land Acquisitio	Transportation	SalBase	\$0	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000
Other	Transportation	SalBase	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000
Total Budget			\$50,000	\$229,236	\$1,102,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,381,236

Total Operating Impacts	\$0	\$7,010	\$7,010	\$7,010	\$7,010	\$7,010	\$7,010	\$7,010	\$7,010	\$7,010	\$7,010	\$63,090
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Description:

This project provides for the coordination with adjacent property owners, public involvement, design, right-of-way/easement acquisition, utility coordination, utility relocation, construction and construction administration for the traffic signal at 107th Av and Rose Garden Ln. The improvements will include: construction of the traffic signal equipment, micro-seal and restriping of the intersection, new ADA handicap ramps. This project may also require processing of utility company (APS, Cox, CenturyLink, SRP, EPNG, SWG, etc.) design and construction agreements, development and intergovernmental agreements.

Justification:

Continued development within the area has resulted in an increase in traffic and pedestrian volumes on 107th Av. The intersection with Rose Garden Ln currently meets warrants for signalization. The City applied for and received Highway Safety Improvement Program (HSIP) funds in the amount of \$632,467 to conduct the design and construction of the intersection modifications and traffic signal improvements. The City is responsible for the local match funds, project cost overruns, land acquisition, chargebacks and arts.

CAPITAL PROJECT DETAIL

Traffic Control

85th Av & Olive Av Traffic Signal

Project Number: EN00657

Project Location: 85th Av & Olive Av

Live Peoria Goal: Integrated Transportation

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	Outside Sources	Base	\$250,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$250,000
Construction	Transportation Sal	Base	\$930,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$930,000
Land Acquisitio	Transportation Sal	Carryover	\$100,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000
Total Budget			\$1,280,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,280,000

Total Operating Impacts	\$0	\$11,000	\$11,000	\$11,000	\$11,000	\$11,000	\$11,000	\$11,000	\$11,000	\$11,000	\$11,000	\$99,000
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Description:

This project provides for the coordination with adjacent property owners, public involvement, design, ROW acquisition, utility coordination, utility relocation, burying overhead facilities, materials testing, construction and construction administration for a new traffic signal at 85 Av and Olive Av and intersection modifications. The improvements will include: a new traffic signal, roadway paving, curb and gutter, new handicap ramps, roadway widening of 85th Av on the south leg of the intersection, re-striping and signage, and micro seal of the intersection. This project may also require processing of utility company (APS, Cox, CenturyLink, SRP, EPNG, SWG, etc.) design and construction agreements, development and intergovernmental agreements. This project includes funding participation for the new traffic signal by the developer of the Villages at Pioneer Park new development.

Justification:

The Olive Av and 85th Av intersection has recently experienced a number of accidents. As a result the City conducted a warrant study and determined that the intersection meets warrants for signalization. This project will allow for the construction of a traffic signal, burying the OH utilities, installing new streetlights and modifying the intersection. The new traffic signal is also a requirement of the adopted zoning stipulations for the Villages at Pioneer Park new development. Ordinance 2019-27.

CAPITAL PROJECT DETAIL

Traffic Control

89th Av & Cactus Rd Traffic Signal

Project Number: EN00724

Project Location: 89th Av & Cactus Rd

Live Peoria Goal: Integrated Transportation

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	Outside Sources	Base	\$0	\$0	\$220,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$220,000
Arts	Transportation	SalBase	\$0	\$0	\$8,870	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$8,870
Chargebacks	Transportation	SalBase	\$0	\$0	\$60,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$60,000
Construction	Transportation	SalBase	\$0	\$0	\$582,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$582,000
Design	Transportation	SalBase	\$0	\$0	\$85,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85,000
Total Budget			\$0	\$0	\$955,870	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$955,870

Total Operating Impacts	\$0	\$0	\$7,925	\$7,925	\$7,925	\$7,925	\$7,925	\$7,925	\$7,925	\$7,925	\$7,925	\$63,400
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Description:

This project provides for the coordination with adjacent property owners, public involvement, design, right-of-way/easement acquisition, utility coordination, utility relocation, construction and construction administration for the traffic signal at 89th Av and Cactus Rd. The improvements may include, but not limited to: construction of the traffic signal equipment, micro-seal and restriping of the intersection, new ADA handicap ramps. This project may also require processing of utility company (APS, Cox, CenturyLink, SRP, EPNG, SWG, etc.) design and construction agreements, development and intergovernmental agreements.

Justification:

Continued development within the area has resulted in an increase in traffic and pedestrian volumes on 89th Av. The intersection with Cactus Rd currently meets warrants for signalization. Empire Building Park will be responsible to make a financial contribution of \$220,000 for the construction of the proposed traffic signal.

CAPITAL PROJECT DETAIL

Traffic Control

Fiber Optics Installation

Project Number: EN00716

Project Location: Lone Mtn; Vistancia - El Mirage & El Mirage; Vistancia - Lone Mtn

Live Peoria Goal: Integrated Transportation

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	Transportation Sal	Carryover	\$366,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$366,000
Total Budget			\$366,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$366,000

Total Operating Impacts	\$0	\$3,200	\$3,200	\$3,200	\$3,200	\$3,200	\$3,200	\$3,200	\$3,200	\$3,200	\$3,200	\$3,200	\$28,800
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Description:

This project provides for the coordination with adjacent property owners, utility coordination, construction and construction administration for the installation of fiber optic cable within existing conduit along Lone Mountain Pkwy from Vistancia Blvd to SR 303 and along El Mirage Rd from Vistancia Blvd to Lone Mountain Pkwy. The improvements will include: pull and proof existing conduit, repair damaged conduit as needed, install/pull fiber optic cable, splice connections, add vaults, as needed, restore landscape and irrigation system, as needed. This project may also require processing of utility company (APS, Cox, CenturyLink, SRP, EPNG, SWG, etc.) design and construction agreements, development and intergovernmental agreements.

Justification:

As part of construction of certain roadway improvements (Development and CIP projects), the City requires the installation of interconnect conduit. The installation of interconnect conduit allows for the extension and redundancy of the City's Intelligent Transportation System (ITS). The ITS makes the City's roadway operate more efficiently. In the Vistancia Area the interconnect conduit was installed on Lone Mountain Pkwy from Vistancia Blvd to SR 303 and along El Mirage Rd from Vistancia Blvd to Lone Mountain Pkwy. This project will provide for the pulling of the fiber optic cable and connection to the existing system.

CAPITAL PROJECT DETAIL

Traffic Control

HV Pkwy; LPP to L303 Interconn Conduit and Fiber

Project Number: EN00739

Project Location: HV Pkwy; LPP to L303

Live Peoria Goal: Integrated Transportation

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	Transportation SalBase		\$0	\$0	\$0	\$16,000	\$0	\$0	\$0	\$0	\$0	\$0	\$16,000
Chargebacks	Transportation SalBase		\$0	\$0	\$0	\$104,000	\$0	\$0	\$0	\$0	\$0	\$0	\$104,000
Construction	Transportation SalBase		\$0	\$0	\$0	\$1,500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$1,500,000
Design	Transportation SalBase		\$0	\$0	\$0	\$100,000	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000
Total Budget			\$0	\$0	\$0	\$1,720,000	\$0	\$0	\$0	\$0	\$0	\$0	\$1,720,000

Total Operating Impacts	\$0	\$0	\$0	\$0	\$1,800	\$1,800	\$1,800	\$1,800	\$1,800	\$1,800	\$1,800	\$10,800
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Description:

This project provides for the coordination with adjacent property owners, public involvement, design, utility coordination, construction and construction administration for the installation of interconnect conduit and fiber optics for the City and Peoria Unified School District (PUSD) on Happy Valley Pkwy between Lake Pleasant Pkwy and Loop 303. This project includes removal of the existing fiber, installing 4-1.25" duct bank, a 144 FMSO for the City and a 44 FMSO for PUSD, potholing, restoration of landscape and irrigation system, installation of vaults, splicing fiber and testing before and after construction. This project may also require processing of utility company (APS, Cox, CenturyLink, SRP, EPNG, SWG, etc.) design and construction agreements, development and intergovernmental agreements.

Justification:

During construction of the Happy Valley Pkwy widening project, it was determined that the existing interconnect conduit and fiber installed by PUSD was an older installation and determined to be a 4" conduit and some direct buried fiber. By today's standards, the City requires the installation of the interconnect fiber and (4-1.25" conduit duct bank). The City will have to remove the existing fiber and pull new fiber, splice the fiber, as needed, and test the fiber before and after construction to ensure no events occurred during construction. The installation of the conduit and fiber will be coordinated with the general public, local businesses, City departments, and PUSD.

CAPITAL PROJECT DETAIL

Traffic Control

Jomax Rd & LPP Intersection Safety Study

Project Number: EN00723

Project Location: LPP & Jomax Rd Intersection

Live Peoria Goal: Integrated Transportation

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Study	Transportation SalBase		\$154,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$154,000
Total Budget			\$154,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$154,000

Description:

This project provides for the coordination with adjacent property owners, public involvement, utility coordination, utility relocation, design, construction and construction administration for the Jomax Rd and Lake Pleasant Parkway Intersection safety study. The consultant will review crash history, intersection sight distance, speed limit(s), turning movements, volumes, vehicle types, and other analysis. The study will provided recommendations for the following: the high number of U-turns at Lake Pleasant Parkway and Jomax Road, improvements for intersection sight distance and the appropriate speed limit for the corridor. This project may also require processing of utility company (APS, Cox, Qwest, SRP, EPNG, SWG, etc.) design and construction agreements, development and intergovernmental agreements.

Justification:

The City has received concerns about the high number of U-turns at the intersection of Jomax Road and Lake Pleasant Parkway, the speed limit on Jomax Road west of Lake Pleasant Parkway and sight distance restrictions at the intersection of Jomax Rd and all perpendicular access points. This project will study all items, review intersection sight distance, and provide recommendation.

CAPITAL PROJECT DETAIL

Traffic Control

Lake Pleasant Rd & Rose Garden Ln Traffic Signal

Project Number: EN00697

Project Location: Lake Pleasant Rd & Rose Garden Lane

Live Peoria Goal: Integrated Transportation

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	Outside Sources	Base	\$187,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$187,500
Arts	Transportation	SalBase	\$0	\$8,300	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$8,300
Chargebacks	Transportation	SalBase	\$0	\$48,700	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$48,700
Construction	Transportation	SalBase	\$0	\$710,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$710,000
Design	Transportation	SalBase	\$0	\$120,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$120,000
Total Budget			\$187,500	\$887,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,074,500

Total Operating Impacts	\$0	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$67,500
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Description:

This project provides for the coordination with adjacent property owners, public involvement, design, right-of-way/easement acquisition, utility coordination, utility relocation, construction and construction administration for the traffic signal at Lake Pleasant Rd and Rose Garden Ln. The improvements will include: construction of the traffic signal equipment, micro-seal and restriping of the intersection, new ADA handicap ramps, construction of a mountable curb and reconstruction of the sidewalk on the east side for the maintenance access. This project may also require processing of utility company (APS, Cox, CenturyLink, SRP, EPNG, SWG, etc.) design and construction agreements, development and intergovernmental agreements.

Justification:

Continued development within the area has resulted in an increase in traffic and pedestrian volumes on Lake Pleasant Rd. The intersection with Rose Garden Ln currently meets warrants for signalization. The development on the NWC is responsible to make a financial contribution for the design and construction of the traffic signal.

CAPITAL PROJECT DETAIL

Traffic Control

North Peoria Communications Backup

Project Number: EN00675

Project Location: North of Paradise Lane

Live Peoria Goal: Integrated Transportation

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	Transportation SalBase		\$0	\$14,600	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$14,600
Chargebacks	Transportation SalBase		\$0	\$117,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$117,000
Construction	Transportation SalBase		\$0	\$1,300,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,300,000
Design	Transportation SalBase		\$0	\$160,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$160,000
Study	Transportation SalBase		\$0	\$65,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$65,000
Total Budget			\$0	\$1,656,600	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,656,600

Total Operating Impacts	\$0	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$18,000
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Description:

This project provides for the coordination with adjacent property owners, public involvement, design, right-of-way/ easement acquisition, utility coordination, utility relocation, construction and construction administration for a proposed fiber trunk line that will provide redundancy for the northern portion of Peoria (the area north of Bell Rd). The northern portion of Peoria continues to grow with more and more development coming into this area. Currently, the entire north part of Peoria is served by one fiber trunk line that runs from Union Hills Dr up 83rd Av and along the Lake Pleasant Pkwy alignment. This fiber line provides communication to the traffic signals and ITS infrastructure (including CCTVs), however, the City's IT Department also uses this fiber line to connect to City facilities including the Sunrise Mountain Library, the Pinnacle Peak Public Safety Facility, and Paloma Community Park. In addition, the Public Works Department is now looking at connecting their infrastructure (SCADA) to this communication line as well. This project would provide a backup connection to the north part of Peoria in the event of a fiber break or other interruption, communication would continue to work. This project may also require processing of utility company (APS, Cox, CenturyLink, SRP, EPNG, SWG, etc.) design and construction agreements, development and intergovernmental agreements.

Justification:

Many City departments are dependent on the communication line to the north part of Peoria. In the event of a fiber break, all communication is lost. This wireless radio backup would provide the ability keep communication to any of the infrastructure that is so dependent on this communication line.

CAPITAL PROJECT DETAIL

Traffic Control

Traffic Management Center Equipment Replacement

Project Number: EN00433

Project Location: Development and Community Services Building

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	Transportation SalBase		\$0	\$0	\$5,000	\$0	\$0	\$0	\$0	\$5,000	\$0	\$0	\$10,000
Chargebacks	Transportation SalBase		\$0	\$0	\$30,000	\$0	\$0	\$0	\$0	\$30,000	\$0	\$0	\$60,000
Construction	Transportation SalBase		\$0	\$0	\$500,000	\$0	\$0	\$0	\$0	\$500,000	\$0	\$0	\$1,000,000
Total Budget			\$0	\$0	\$535,000	\$0	\$0	\$0	\$0	\$535,000	\$0	\$0	\$1,070,000

Description:

This project provides for design, installation, and construction administration for equipment replacement at the City's Traffic Management Center (TMC). The project will provide funding for periodic equipment replacement in the TMC which is located in the Development and Community Services Building. This equipment includes the video wall monitors, computer hardware and switches, video conferencing equipment, and other related equipment. The City was awarded federal CMAQ funds to offset the costs of the first equipment replacement.

Justification:

The equipment in the Traffic Management Center has an average life of five years. This funding will allow for the regular replacement of this equipment to ensure that the TMC continues to operate at an acceptable level of service.

CAPITAL PROJECT DETAIL

Traffic Control

Traffic Signal Interconnect Project (TSIP)

Project Number: PW00133

Project Location: Citywide

Live Peoria Goal: Integrated Transportation

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	Transportation SalBase		\$0	\$0	\$2,000	\$0	\$2,000	\$0	\$2,000	\$0	\$2,000	\$0	\$8,000
Chargebacks	Transportation SalBase		\$0	\$0	\$5,000	\$0	\$5,000	\$0	\$5,000	\$0	\$5,000	\$0	\$20,000
Construction	Transportation SalBase		\$175,000	\$0	\$175,000	\$0	\$175,000	\$0	\$175,000	\$0	\$175,000	\$0	\$875,000
Design	Transportation SalBase		\$25,000	\$0	\$25,000	\$0	\$25,000	\$0	\$25,000	\$0	\$25,000	\$0	\$125,000
Total Budget			\$200,000	\$0	\$207,000	\$0	\$207,000	\$0	\$207,000	\$0	\$207,000	\$0	\$1,028,000

Total Operating Impacts	\$0	\$7,000	\$0	\$7,000	\$7,000	\$7,000	\$7,000	\$70,000	\$7,000	\$7,000	\$119,000
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Description:

This project provides for the coordination with adjacent property owners, public involvement, design, right-of-way /easement acquisition, utility coordination, utility relocation, construction and construction administration to extend the fiber optic system and to provide communications to the City's traffic signals. This funding will provide the additional conduit, fiber optic cable, computer networking equipment, communication lines and ITS equipment (CCTV cameras, dynamic message signs, etc.). The fiber optics communication system will aid in maintaining the coordination of the City's traffic signals, as well as obtaining valuable intersection information from a central location. This project may also require processing of utility company (APS, Cox, CenturyLink, SRP, EPNG, SWG, etc.) design and construction agreements, development and intergovernmental agreements.

Justification:

The City installed a fiber optic backbone on 83rd Av from Olive Av to Bell Rd and has installed additional interconnect conduit to connect to the backbone system. The system needs to be extended to allow the City to communicate with the traffic signals, make changes to the timing, and monitor the operation of the signal from a central location. This project will improve transportation efficiency and safety, and improve the response to traffic problems such as stalled vehicles, crashes and other obstructions to traffic flow.

CAPITAL PROJECT DETAIL

Traffic Control

Traffic Signal Program

Project Number: EN00170

Project Location: Citywide

Live Peoria Goal: Integrated Transportation

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	Transportation SalBase		\$0	\$5,500	\$5,500	\$5,500	\$5,500	\$5,500	\$5,500	\$5,500	\$5,500	\$5,500	\$49,500
Chargebacks	Transportation SalBase		\$0	\$44,500	\$44,500	\$44,500	\$44,500	\$44,500	\$44,500	\$44,500	\$44,500	\$44,500	\$400,500
Construction	Transportation SalBase		\$550,000	\$550,000	\$550,000	\$550,000	\$550,000	\$550,000	\$550,000	\$550,000	\$550,000	\$550,000	\$5,500,000
Construction	Transportation SalCarryover		\$200,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$200,000
Total Budget			\$750,000	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	\$6,150,000

Total Operating Impacts	\$7,000	\$14,000	\$21,000	\$28,000	\$35,000	\$42,000	\$49,000	\$56,000	\$63,000	\$70,000	\$385,000
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Description:

The Traffic Signal Program provides funding for traffic studies, coordination with adjacent property owners, public involvement, design, materials testing, construction and construction administration for various traffic control improvements/enhancements. These improvements may include, but are not limited to, new signals, modification of existing signals and handicap ramps, the purchase and installation of miscellaneous traffic signal equipment, intelligent transportation system equipment, speed display signs, CCTV, etc. This project may also require processing of utility company (APS, Cox, CenturyLink, SRP, EPNG, SWG, etc.) design and construction agreements, development and intergovernmental agreements.

Justification:

The Traffic Signal Program consistently follows the City's General Plan and reflects City Council goals and policies to create a safe, efficient transportation network for the movement of traffic, people, and goods; improve the coordination with regional transportation management; and provide a way to address evolving needs in response to growth and development. The Development and Engineering Department prioritizes projects based on input from various departments, City management, Council, and citizen requests.

CAPITAL PROJECT DETAIL

Traffic Control

Traffic Signal Renovation and Replacement

Project Number: PW00993

Project Location: Citywide

Live Peoria Goal: Integrated Transportation

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	Highway User Fun Carryover		\$57	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$57
Equipment	Highway User Fun Carryover		\$177,687	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$177,687
Other	Highway User Fun Base		\$1,044,000	\$309,000	\$309,000	\$309,000	\$309,000	\$309,000	\$309,000	\$309,000	\$309,000	\$309,000	\$3,825,000
Total Budget			\$1,221,744	\$309,000	\$309,000	\$309,000	\$309,000	\$309,000	\$309,000	\$309,000	\$309,000	\$309,000	\$4,002,744

Description:

This project provides for lifecycle maintenance and safe operation of the City's traffic signals and controls. Our traffic signal systems have changed dramatically in the past few years. They now include a significant array of technical assets including ITS, CCTV, flashing arrow and adaptive timing technology in addition to the hardware: signal cabinets, critical wiring, battery back-ups, and controllers. Signal system renovation and replacement is critical to the functionality of all of these transportation systems. Project also requires coordination with utility company (APS, Cox, CenturyLink, SRP, EPNG, SWG, etc.) design and construction agreements, development and intergovernmental agreements in many cases.

The optimal maintenance schedule for traffic signal cabinets, wiring and hardware is 10 years. At this time, 56 of our cabinets are more than 10 years old and 31 signals need cabinet and related hardware enhancements and renovation now. To maintain the City's signal infrastructure effectively and meet lifecycle replacement dates, 1/10 of our inventory should be renovated annually. The average cost for these renovations is \$87,000 per signal, which will renovate 12 signals annually over the next ten years and reduce the backlog of aging and/or expired infrastructure, approximately \$1,044,000 is necessary.

Justification:

The City's traffic signal system requires ongoing maintenance and replacement to avoid malfunctions and failures. This electronic equipment is subject to a high temperature environment, which has a negative impact on its longevity. Routine maintenance and renovation is the only way to forestall failures. The difference in costs compared to prior years is due to a conversion from calculating renovation and replacement on operating and maintenance per mile to life-cycle costing per signalized intersection. With a conservative renovation schedule of once every ten years, the division is quickly falling behind on this work which also facilitates new technology and ITS upgrades such as CCTV, flashing yellow arrows and adaptive timing which tend to stress the old infrastructure. In 2015, there were 114 signals in our inventory and our budget was \$306,150. Since then, we have added ITS upgrades to nearly all signals along with 14 more signals (with 4 more to be added within this FY) in our inventory. Each renovation costs about \$87,000 to complete. To meet a 10 year reno cycle, we need to be funded at \$1,044,000 and complete 12 cabinet renovations per year.

CAPITAL PROJECT DETAIL

Wastewater

101st Ave & Northern Lift Station Pretreat (L103)

Project Number: UT00398

Project Location: 101st Av & Northern Av

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	Prp W/S Rev Bon	Carryover	\$112,870	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$112,870
Total Budget			\$112,870	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$112,870

Description:

This project provides for the project coordination, public involvement, pre-design studies, design, ROW acquisition, construction, materials testing, construction administration, utility coordination, utility relocation, burying overhead facilities, as needed, clearing and grubbing, and all related sitework for realigning the existing 18" influent sewer lines, the installation of an in-line channel grinder and replacing the electrical and instrumentation equipment. This project may also include processing of utility company (APS, Cox, CenturyLink, SRP, etc.) design and construction agreements, development and intergovernmental agreements.

Justification:

The 101st Avenue and Northern Lift Station has significant debris issues as well as aging electrical equipment that has been damaged by hydrogen sulfide gases. All have led to extensive maintenance problems for city staff. Adding a channel grinder and replacing the electrical and instrumentation equipment at this location will reduce the maintenance issues created by the heavy ragging and hydrogen sulfide gases and thus reduce staff time and maintenance costs.

CAPITAL PROJECT DETAIL

Wastewater

Agua Fria Lift Station - Wastewater Campus Land

Project Number: UT00284

Project Location: CAP Canal and Agua Fria River

Live Peoria Goal: Smart Growth

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Study	Prp W/S Rev Bon	Carryover	\$200,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$200,000
Land Acquisitio	Wastewater Expa	Base	\$0	\$0	\$2,419,200	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,419,200
Land Acquisitio	Wastewater Fund	Base	\$0	\$0	\$700,800	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$700,800
Land Acquisitio	Water Fund	Base	\$0	\$0	\$1,080,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,080,000
Total Budget			\$200,000	\$0	\$4,200,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,400,000

Description:

This project will purchase a site for a future wastewater treatment facility campus. This project site is identified in the Integrated Water Utilities Master Plan and will be used for a regional wastewater lift station that will provide service for the portion of the City located north of the Central Arizona Project (CAP) canal and east of the Agua Fria River.

Justification:

A centrally located campus will increase operational efficiency. Purchasing the site for this campus ahead of the need will take advantage of lower land costs.

CAPITAL PROJECT DETAIL

Wastewater

Beardsley Equipment Upgrade & Replacement Program

Project Number: UT00317

Project Location: Beardsley Water Reclamation Facility

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Equipment	Wastewater Fund	Base	\$111,250	\$111,250	\$95,050	\$95,050	\$95,050	\$95,050	\$95,050	\$95,050	\$95,050	\$95,050	\$982,900
Equipment	Wastewater Fund	Carryover	\$16,357	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$16,357
Equipment	Water Fund	Base	\$15,000	\$15,000	\$31,200	\$31,200	\$31,200	\$31,200	\$31,200	\$31,200	\$31,200	\$31,200	\$279,600
Equipment	Water Fund	Carryover	\$26,062	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$26,062
Total Budget			\$168,669	\$126,250	\$126,250	\$126,250	\$126,250	\$126,250	\$126,250	\$126,250	\$126,250	\$126,250	\$1,304,919

Description:

This program will replace and update existing plant equipment at the Beardsley WRF that has reached the end of its life cycle. In addition, this program may be used for design and construction of minor site and operations improvements at the facility. Typical projects under this program may include the addition, rehabilitation or replacement of pumps, motors, chemical systems and other common equipment necessary for wastewater treatment.

Justification:

The Beardsley WRF is an important treatment facility located in the heart of Peoria's ongoing growth. Repairing and replacing equipment is an important part of keeping this facility in peak operating condition and in compliance with all applicable permits and regulatory requirements.

CAPITAL PROJECT DETAIL

Wastewater

Beardsley WRF Expansion

Project Number: UT00314

Project Location: Beardsley Water Reclamation Facility

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	Prp W/S Rev Bon	Carryover	\$97,689	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$97,689
Construction	Wastewater Expa	Base	\$2,404,207	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,404,207
Construction	Wastewater Expa	Carryover	\$3,923,376	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,923,376
Arts	Wastewater Fund	Base	\$0	\$69,034	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$69,034
Construction	Wastewater Fund	Base	\$5,486,416	\$6,903,353	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$12,389,769
Construction	Wastewater Fund	Carryover	\$718,410	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$718,410
Study	Wastewater Fund	Carryover	\$8,046	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$8,046
Arts	Water Expansion	Base	\$0	\$2,772	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,772
Construction	Water Expansion	Base	\$2,012,731	\$277,228	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,289,959
Construction	Water Expansion	Carryover	\$1,616,817	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,616,817
Arts	Water Fund	Base	\$0	\$27,228	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$27,228
Construction	Water Fund	Base	\$0	\$2,722,772	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,722,772
Construction	Water Fund	Carryover	\$1,912,758	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,912,758
Total Budget			\$18,180,450	\$10,002,387	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28,182,837

Total Operating Impacts	\$0	\$0	\$0	\$2,400	\$2,400	\$2,400	\$2,400	\$2,400	\$2,400	\$2,400	\$16,800
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Description:

This project will include design and construction of an expansion to the Beardsley Water Reclamation Facility (WRF) located along 111th Avenue between Union Hills Road and Beardsley Road. The current plant treatment capacity is 4 million gallons per day (MGD). Development north of Beardsley Road and east of the Agua Fria River requires an expansion in treatment capacity to 6 MGD.

Justification:

Expected growth in the northern part of Peoria will require expansion of the treatment facility from the existing capacity of 4.0 MGD to 6.0 MGD.

CAPITAL PROJECT DETAIL

Wastewater

Beardsley WRF Recharge Basins

Project Number: UT00515

Project Location: Beardsley WRF

Live Peoria Goal: Smart Growth

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	Prp W/S Rev Bon	Base	\$0	\$0	\$0	\$0	\$0	\$2,625	\$26,250	\$0	\$0	\$0	\$28,875
Construction	Prp W/S Rev Bon	Base	\$0	\$0	\$0	\$0	\$0	\$0	\$2,625,000	\$0	\$0	\$0	\$2,625,000
Design	Prp W/S Rev Bon	Base	\$0	\$0	\$0	\$0	\$0	\$262,500	\$0	\$0	\$0	\$0	\$262,500
Arts	W/S Rev Bonds (	Base	\$0	\$0	\$0	\$0	\$0	\$875	\$8,750	\$0	\$0	\$0	\$9,625
Construction	W/S Rev Bonds (	Base	\$0	\$0	\$0	\$0	\$0	\$0	\$875,000	\$0	\$0	\$0	\$875,000
Design	W/S Rev Bonds (	Base	\$0	\$0	\$0	\$0	\$0	\$87,500	\$0	\$0	\$0	\$0	\$87,500
Total Budget			\$0	\$0	\$0	\$0	\$0	\$353,500	\$3,535,000	\$0	\$0	\$0	\$3,888,500

Description:

This project will design and construct additional recharge basins at the Beardsley Water Reclamation Facility (WRF). With the addition of new reclaimed water transmission mains, it will be necessary to provide additional storage space at the facility. The project also aims to turn these basins into a public amenity, allowing for walking paths in a riparian style habitat. The project was identified in a City Council presentation outlining plans to expand our reclaimed water infrastructure and provides significant flexibility to utilize this resource effectively throughout the City.

Justification:

The completion of two large reclaimed water transmission main projects will make the Beardsley WRF the central storage and delivery facility for reclaimed water in Peoria. In order to accommodate this increased demand, additional basins are needed.

CAPITAL PROJECT DETAIL

Wastewater

Butler Equipment Upgrade & Replacement Program

Project Number: UT00333

Project Location: Butler Water Reclamation Facility

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Equipment	Wastewater Fund	Base	\$849,000	\$316,000	\$164,500	\$164,500	\$164,500	\$164,500	\$164,500	\$164,500	\$164,500	\$202,000	\$2,518,500
Equipment	Wastewater Fund	Carryover	\$372,990	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$372,990
Equipment	Water Fund	Base	\$60,000	\$37,500	\$37,500	\$37,500	\$37,500	\$37,500	\$37,500	\$37,500	\$37,500	\$0	\$360,000
Equipment	Water Fund	Carryover	\$27,047	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$27,047
Total Budget			\$1,309,037	\$353,500	\$202,000	\$202,000	\$202,000	\$202,000	\$202,000	\$202,000	\$202,000	\$202,000	\$3,278,537

Description:

This program will replace and update existing plant equipment at the Butler WRF that has reached the end of its life cycle. In addition, this program may be used for design and construction of minor site and operations improvements at the facility. Typical projects under this program may include the addition, rehabilitation or replacement of pumps, motors, chemical systems and other common equipment necessary for wastewater treatment.

Justification:

The Butler WRF provides wastewater treatment services to approximately two thirds of Peoria's customers. Repairing and replacing equipment is an important part of keeping this facility in peak operating condition and in compliance with all applicable permits and regulatory requirements.

CAPITAL PROJECT DETAIL

Wastewater

Butler IPS Equipment Upgrade & Replacement Program

Project Number: UT00422

Project Location: 99th Av & Northern Av

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Equipment	Wastewater Fund Base		\$757,500	\$101,000	\$101,000	\$101,000	\$101,000	\$101,000	\$101,000	\$101,000	\$101,000	\$101,000	\$1,666,500
Equipment	Wastewater Fund Carryover		\$44,316	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44,316
Other	Wastewater Fund Carryover		\$27,831	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$27,831
Total Budget			\$829,647	\$101,000	\$101,000	\$101,000	\$101,000	\$101,000	\$101,000	\$101,000	\$101,000	\$101,000	\$1,738,647

Description:

The Butler Influent Pumping Station (IPS) is the primary wastewater pumping station through which all flow that is treated at the Butler Water Reclamation Facility (WRF) passes. This program provides for replacement, major rehabilitation, and assessment of process components, such as motors, pumps, bar screens, odor control systems, electrical and instrumentation associated with the Butler IPS to ensure continuous service.

Justification:

The Butler IPS receives wastewater flow from the Butler drainage basin and is the sole provider of wastewater to the Butler WRF, therefore it is critical to upgrade and replace aging equipment to provide continuous and reliable service to the Butler WRF.

CAPITAL PROJECT DETAIL

Wastewater

Butler WRF Aeration System Upgrades

Project Number: UT00420

Project Location: Butler Water Reclamation Facility

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	Wastewater Fund	Carryover	\$103,683	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$103,683
Total Budget			\$103,683	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$103,683

Description:

This project provides for the project coordination, public involvement, pre-design studies, design, ROW acquisition, construction, materials testing, construction administration, and utility coordination for the installation of new aeration system blowers at the Butler Water Reclamation Facility. The project will also make small modifications to the aeration system piping to make the system more efficient overall. The FY22 funding for this project will account for added scope, as well as recent material, equipment and construction cost increases.

Justification:

The Butler Water Reclamation Facility utilizes aeration system blowers for the wastewater treatment process. In follow-up to recent process improvements, City staff has determined that the blowers could be downsized for greater energy efficiency and operation. A study was performed that identified the optimum size blowers for the plant and determined that installation of these new blowers would result in an energy annual cost savings of approximately \$280,000, along with increased operational efficiencies.

CAPITAL PROJECT DETAIL

Wastewater

Butler WRF Recharge Wells

Project Number: UT00309

Project Location: Butler Water Reclamation Facility

Live Peoria Goal: Smart Growth

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	Water Expansion	Carryover	\$39,776	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$39,776
Study	Water Expansion	Carryover	\$20,987	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$20,987
Total Budget			\$60,763	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$60,763

Description:

This project will design and construct new groundwater recharge wells in the Butler Wastewater Basin. The project will provide for the project coordination, public involvement, pre-design studies, design, right of way acquisition, construction, materials testing, construction administration, and utility coordination for installation of a new recharge well, reclaimed water piping to the well, and all associated site and electrical equipment. The next proposed site location will focus on areas near the City Hall Campus.

Justification:

Drilling and installation of new groundwater recharge wells allows the City to pump treated wastewater from the Butler Water Reclamation Facility back into the groundwater aquifer. Doing so allows the City to gain recharge credits that help maintain the City's water supply. In addition, this project would lessen the amount of effluent water needing to be sent to the New River/Agua Fria Underground Storage Project (NAUSP).

CAPITAL PROJECT DETAIL

Wastewater

El Mirage Road Sewer Infrastructure Upsizing

Project Number: UT00432

Project Location: El Mirage Rd from Westland Rd to Jomax Rd

Live Peoria Goal: Smart Growth

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	Prp W/S Rev Bon	Carryover	\$200,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$200,000
Arts	Wastewater Expa	Base	\$0	\$3,030	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,030
Construction	Wastewater Expa	Base	\$0	\$299,970	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$299,970
Arts	Wastewater Fund	Base	\$0	\$2,970	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,970
Construction	Wastewater Fund	Base	\$0	\$294,030	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$294,030
Total Budget			\$200,000	\$600,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$800,000

Description:

This project provides for the project coordination, public involvement, pre-design studies, design, ROW acquisition, construction, materials testing, construction administration, and utility coordination for the installation of a new trunk sewer main primarily along El Mirage Road from Jomax Road to Westland Road. The project will be constructed by a local developer, but the City will fund 'oversizing' of the sewer main to account for capacity needs of future development. The oversizing cost will be paid for by future developers through impact fee assessment.

Justification:

While this trunk sewer main is expected to be constructed by developers in the area, the City will often look to 'oversize' a main to meet future development needs beyond those of the developer. This process is done through a development agreement where the City reimburses the developer for the oversize cost.

CAPITAL PROJECT DETAIL

Wastewater

Emergency Generator Equipment Upgrades

Project Number: UT00514

Project Location: Citywide

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Equipment	Wastewater Fund	Carryover	\$40,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$40,000
Total Budget			\$40,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$40,000

Description:

This program provides funding to repair, rehabilitate and replace emergency generators at various facilities within the Water Services Department.

Justification:

Water Services has generators at 39 critical sites that require a back up power source to ensure ongoing operation during an electrical power outage. These sites have to remain in operation to ensure ongoing and reliable service to our citizens. Many of these generators are reaching the end of their service life and require either rehabilitation or replacement.

CAPITAL PROJECT DETAIL

Wastewater

Jomax Equipment Upgrade & Replacement Program

Project Number: UT00323

Project Location: Jomax Water Reclamation Facility

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	Wastewater Fund	Carryover	\$12,940	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$12,940
Equipment	Wastewater Fund	Base	\$94,650	\$94,650	\$94,650	\$94,650	\$94,650	\$94,650	\$94,650	\$94,650	\$94,650	\$94,650	\$946,500
Equipment	Wastewater Fund	Carryover	\$2,777	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,777
Construction	Water Fund	Carryover	\$220	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$220
Equipment	Water Fund	Base	\$31,600	\$31,600	\$31,600	\$31,600	\$31,600	\$31,600	\$31,600	\$31,600	\$31,600	\$31,600	\$316,000
Equipment	Water Fund	Carryover	\$15,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$15,000
Total Budget			\$157,187	\$126,250	\$126,250	\$126,250	\$126,250	\$126,250	\$126,250	\$126,250	\$126,250	\$126,250	\$1,293,437

Description:

This program will replace and update existing plant equipment at the Jomax WRF that has reached the end of its life cycle. In addition, this program may be used for design and construction of minor site and operations improvements at the facility. Typical projects under this program may include the addition, rehabilitation or replacement of pumps, motors, chemical systems and other common equipment necessary for wastewater treatment.

Justification:

Jomax WRF is the sole provider of wastewater treatment services to our Vistancia area residents and is a critical facility to allow growth in that area. Repairing and replacing equipment is an important part of keeping this facility in peak operating condition and in compliance with all applicable permits and regulatory requirements.

CAPITAL PROJECT DETAIL

Wastewater

Jomax WRF Expansion

Project Number: UT00388

Project Location: Jomax Water Reclamation Facility

Live Peoria Goal: Smart Growth

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	Future WIFA Rev	Base	\$0	\$0	\$13,094	\$60,000	\$160,000	\$0	\$0	\$0	\$0	\$0	\$233,094
Construction	Future WIFA Rev	Base	\$0	\$0	\$1,309,406	\$6,000,000	\$16,000,000	\$0	\$0	\$0	\$0	\$0	\$23,309,406
Construction	Prp W/S Rev Bon	Carryover	\$2,243,475	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,243,475
Construction	Wastewater Expa	Carryover	\$582,410	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$582,410
Arts	Water Expansion	Base	\$0	\$0	\$19,802	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$19,802
Construction	Water Expansion	Base	\$0	\$0	\$1,980,198	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,980,198
Arts	Water Fund	Base	\$0	\$0	\$77,104	\$100,000	\$0	\$0	\$0	\$0	\$0	\$0	\$177,104
Construction	Water Fund	Base	\$0	\$0	\$7,710,396	\$10,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$17,710,396
Total Budget			\$2,825,885	\$0	\$11,110,000	\$16,160,000	\$16,160,000	\$0	\$0	\$0	\$0	\$0	\$46,255,885

Total Operating Impacts	\$0	\$0	\$900	\$900	\$900	\$2,700	\$2,700	\$2,700	\$2,700	\$2,700	\$2,700	\$16,200
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Description:

This project will include design and construction of an expansion to the Jomax Water Reclamation Facility (WRF) located just north of the Beardsley Canal and west of the Agua Fria River. The current treatment capacity of the Jomax WRF is 2.25 million gallons per day (MGD). Development in the north and northwest portions of the City will require that additional treatment capacity be added at this facility. As currently planned, the WRF expansion costs represent the City's costs of a 1.5MGD expansion to a 4.5MGD capacity.

Justification:

The Jomax Water Reclamation Facility (WRF) was originally constructed in 2005 to treat wastewater generated by the northwest areas of Peoria. The facility is located on Jomax Road just west of El Mirage Road and is a regional wastewater treatment and reclamation facility serving the needs of the Vistancia, Trilogy and other surrounding communities. The plant has previously been expanded from 0.75 MGD to its current capacity of 2.25 MGD. Development within Vistancia, Saddleback Heights, and Trilogy West will require that the facility be expanded to provide the required treatment capacity. Vistancia will provide funding for the expansion from 2.25 MGD to 3 MGD.

CAPITAL PROJECT DETAIL

Wastewater

Jomax WRF Operations Building

Project Number: UT00389

Project Location: Jomax Water Reclamation Facility

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	Highway User Fun Base		\$100,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000
Construction	Prp W/S Rev Bon Carryover		\$521,782	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$521,782
Construction	Wastewater Expa Base		\$2,108,750	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,108,750
Construction	Wastewater Expa Carryover		\$765,300	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$765,300
Construction	Wastewater Fund Base		\$576,468	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$576,468
Construction	Wastewater Fund Carryover		\$1,953,696	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,953,696
Construction	Water Expansion Base		\$1,114,782	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,114,782
Construction	Water Fund Carryover		\$496,540	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$496,540
Total Budget			\$7,637,318	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,637,318

Total Operating Impacts	\$0	\$0	\$0	\$132,000	\$132,000	\$132,000	\$132,000	\$132,000	\$132,000	\$132,000	\$132,000	\$924,000
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Description:

This project provides funding to construct a new operations building at the Jomax WRF. The facility mimics the building program at the Beardsley WRF Admin building, but reduced in scale to approximately 8000 square feet. The total capital cost includes administrative fees, engineering and design, furniture, fixtures, construction, and specialty equipment. Consistent with other City of Peoria water/wastewater treatment facilities, security, information technology, and audio visual systems are also included. This building is priced to include LEED silver level certification consistent with city sustainability objectives.

Justification:

As the Jomax WRF begins an expansion process to support the Vistancia area growth, the Water Services Department has identified a new operations building as a need for future operation of a larger regional plant. The current operations building was built as a temporary structure until growth in the area forced an expansion. The operations building is crucial to maintain and efficiently operate a larger regional wastewater facility.

CAPITAL PROJECT DETAIL

Wastewater

Lift Station Reconditioning Program

Project Number: UT00116

Project Location: Citywide

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	Prp W/S Rev Bon	Carryover	\$274,156	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$274,156
Arts	Wastewater Fund	Base	\$0	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$36,000
Construction	Wastewater Fund	Base	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$4,000,000
Construction	Wastewater Fund	Carryover	\$1,484,995	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,484,995
Total Budget			\$2,159,151	\$404,000	\$404,000	\$404,000	\$404,000	\$404,000	\$404,000	\$404,000	\$404,000	\$404,000	\$5,795,151

Description:

This program addresses ongoing needs at all City of Peoria wastewater lift stations. The funds will be used to address pre-treatment, odor control, corrosion prevention, eye wash units, equipment upgrades and replacements. The City has fifteen (15) lift stations in the wastewater collection system.

Justification:

Wastewater lift stations operate in a corrosive environment where equipment damage and odor generation are ongoing issues. Maintaining operational efficiencies and extending the life of these facilities can be accomplished through effective replacement and upgrade of key components.

CAPITAL PROJECT DETAIL

Wastewater

Local Wastewater Line Improvement Program

Project Number: UT00191

Project Location: Citywide

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	Prp W/S Rev Bon	Carryover	\$500,503	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$500,503
Arts	Wastewater Fund	Base	\$0	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$18,000
Construction	Wastewater Fund	Base	\$600,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$2,400,000
Construction	Wastewater Fund	Carryover	\$128,736	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$128,736
Total Budget			\$1,229,239	\$202,000	\$202,000	\$202,000	\$202,000	\$202,000	\$202,000	\$202,000	\$202,000	\$202,000	\$3,047,239

Description:

This program provides funding to rehabilitate, realign, assess or extend the City's existing wastewater collection system to ensure its continued efficient operation. Examples include, but are not limited to, sewer extensions in coordination with street improvement projects, realignment/rehabilitation of downtown alley sewer mains, assessment of air relief valves and immediate need sewer repairs.

Justification:

The City's wastewater collection system requires ongoing upgrading and rehabilitation to ensure efficient and reliable operation. In addition, these funds provide means for the Water Services Department to take advantage of coordinating efforts with other City projects to ensure a complete project. This project provides for assessment of the City's sewer utility assets and the repair of historical problem areas, which minimizes the risk of sanitary sewer overflows.

CAPITAL PROJECT DETAIL

Wastewater

LPH Mystic Wastewater Oversizing

Project Number: UT00446

Project Location: Lake Pleasant Heights Development

Live Peoria Goal: Smart Growth

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	Wastewater Expa Base		\$0	\$674	\$0	\$0	\$0	\$0	\$1,176	\$0	\$0	\$0	\$1,850
Construction	Wastewater Expa Base		\$0	\$66,685	\$0	\$0	\$0	\$0	\$116,382	\$0	\$0	\$0	\$183,067
Total Budget			\$0	\$67,359	\$0	\$0	\$0	\$0	\$117,558	\$0	\$0	\$0	\$184,917

Description:

This project provides for additional wastewater collection capacity in the system serving the Lake Pleasant Heights (LPH) development and adjacent developments in the future. The LPH development will construct the trunk sewer infrastructure necessary to serve the development's requirements. The City is funding the over-sizing of selected wastewater trunk sewer lines to provide collection system capacity for new developments in the surrounding areas.

Justification:

Providing additional collection capacity in the wastewater system in and around the Lake Pleasant Heights development is important for area growth.

CAPITAL PROJECT DETAIL

Wastewater

Manhole Rehabilitation Program

Project Number: UT00307

Project Location: Citywide

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	Wastewater Fund Base		\$0	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$36,000
Construction	Wastewater Fund Base		\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$4,000,000
Construction	Wastewater Fund Carryover		\$650,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$650,000
Total Budget			\$1,050,000	\$404,000	\$404,000	\$404,000	\$404,000	\$404,000	\$404,000	\$404,000	\$404,000	\$404,000	\$4,686,000

Description:

This program will assess and rehabilitate existing sewer manholes, manhole rings and manhole covers throughout the City's wastewater collection system. The City has over 14,000 manholes with an expected life of 30 to 50 years. Manholes to be rehabilitated were identified in a sewer line assessment study.

Justification:

As the City's wastewater collection system utility assets age, capital repairs and maintenance are necessary to ensure continuous and reliable service. Rehabilitation restores the structural integrity of manholes, stops water infiltration and exfiltration, and protects manholes, manhole rings and manhole covers from deterioration due to exposure to corrosive gases present in the sewer system. Proactive rehabilitation projects help ensure these assets reach their maximum useful life and minimizes system failures. The cost to renovate a single manhole is dependent on the size and condition of the manhole.

CAPITAL PROJECT DETAIL

Wastewater

Reclaimed Water System Upgrade Program

Project Number: UT00511

Project Location: Citywide

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	Wastewater Fund Base		\$0	\$500	\$500	\$500	\$500	\$500	\$500	\$500	\$500	\$500	\$4,500
Construction	Wastewater Fund Base		\$800,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$1,250,000
Total Budget			\$800,000	\$50,500	\$50,500	\$50,500	\$50,500	\$50,500	\$50,500	\$50,500	\$50,500	\$50,500	\$1,254,500

Description:

This program provides ongoing funding to assess, rehabilitate, or extend the City's existing reclaimed water distribution system to ensure its continued compliant and efficient operation. Examples include, but are not limited to, reclaimed waterline extensions in coordination with street improvement projects, realignment/rehabilitation of existing mains, assessment of the air relief valves, facility upgrades and immediate need reclaimed waterline repairs. In addition, this program will be used to address various reclaimed water facility equipment and rehabilitation needs.

Justification:

Planning and funding for these items will provide a more robust reclaimed water system for the future, including providing reliable service to our customers.

CAPITAL PROJECT DETAIL

Wastewater

Reclaimed Water Transmission Main - Project 2

Project Number: UT00512

Project Location: Lone Mountain Road Alignment - LPP to El Mirage Rd

Live Peoria Goal: Smart Growth

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	Prp W/S Rev Bon	Base	\$0	\$0	\$18,900	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$18,900
Construction	Prp W/S Rev Bon	Base	\$0	\$0	\$1,750,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,750,000
Design	Prp W/S Rev Bon	Base	\$0	\$0	\$140,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$140,000
Arts	W/S Rev Bonds (	Base	\$0	\$0	\$56,700	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$56,700
Construction	W/S Rev Bonds (	Base	\$0	\$0	\$5,250,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,250,000
Design	W/S Rev Bonds (	Base	\$0	\$0	\$420,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$420,000
Total Budget			\$0	\$0	\$7,635,600	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,635,600

Total Operating Impacts	\$0	\$0	\$0	\$3,200	\$3,200	\$3,200	\$3,200	\$3,200	\$3,200	\$3,200	\$3,200	\$22,400
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Description:

This project will design and construct approximately three (3) miles of new 24-inch reclaimed water transmission main that will connect the Jomax WRF reclaimed water system to the Beardsley WRF reclaimed water system. This project was identified in a City Council presentation outlining plans to expand our reclaimed water infrastructure and provides significant flexibility to utilize this resource in northern Peoria.

Justification:

Reclaimed water produced at our Jomax WRF currently suffers from seasonal demand issues. By connecting the two reclaimed water systems together, the City eliminates these seasonal issues and increases operational flexibility of the system in northern Peoria.

CAPITAL PROJECT DETAIL

Wastewater

Reclaimed Water Transmission Main - Project 3

Project Number: UT00513

Project Location: Butler WRF to Beardsley WRF

Live Peoria Goal: Smart Growth

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	Prp W/S Rev Bon	Base	\$0	\$0	\$5,000	\$0	\$0	\$25,063	\$25,063	\$0	\$0	\$0	\$55,126
Construction	Prp W/S Rev Bon	Base	\$0	\$0	\$0	\$0	\$0	\$2,500,000	\$2,500,000	\$0	\$0	\$0	\$5,000,000
Design	Prp W/S Rev Bon	Base	\$0	\$0	\$500,000	\$0	\$0	\$6,250	\$6,250	\$0	\$0	\$0	\$512,500
Arts	W/S Rev Bonds (	Base	\$0	\$0	\$15,000	\$0	\$0	\$75,188	\$75,188	\$0	\$0	\$0	\$165,376
Construction	W/S Rev Bonds (	Base	\$0	\$0	\$0	\$0	\$0	\$7,500,000	\$7,500,000	\$0	\$0	\$0	\$15,000,000
Design	W/S Rev Bonds (	Base	\$0	\$0	\$1,500,000	\$0	\$0	\$18,750	\$18,750	\$0	\$0	\$0	\$1,537,500
Total Budget			\$0	\$0	\$2,020,000	\$0	\$0	\$10,125,251	\$10,125,251	\$0	\$0	\$0	\$22,270,502

Total Operating Impacts	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,200	\$3,200	\$3,200	\$9,600
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Description:

This project will design and construct approximately eleven (11) miles of new 24-inch reclaimed water transmission main that will connect the Butler WRF reclaimed water system to the Beardsley WRF reclaimed water system. This project was identified in a City Council presentation outlining plans to expand our reclaimed water infrastructure and provides significant flexibility to utilize this resource effectively throughout the City. The project also allows the City to divert reclaimed water from the New River Agua Fria Underground Storage Project (NAUSP) located in Glendale, thereby keeping the water local.

Justification:

The Butler Water Reclamation Facility (WRF) currently sends approximately eight (8) million gallons a day of treated wastewater (reclaimed water) to the New River Agua Fria Underground Storage Project (NAUSP) located in the City of Glendale. The City currently does not own enough capacity in the facility to get maximum effect of our recharge efforts. In addition, this valuable resource is being used in another city rather than our own. Moving the water to the Beardsley WRF will allow the City to recharge and distribute reclaimed water throughout Peoria.

CAPITAL PROJECT DETAIL

Wastewater

SROG Line Assessment & Repair

Project Number: UT00321

Project Location: 99th Av; Northern Av to Olive Av

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	Wastewater Fund Base		\$0	\$4,965	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,965
Construction	Wastewater Fund Base		\$221,136	\$496,472	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$717,608
Construction	Wastewater Fund Carryover		\$221,104	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$221,104
Total Budget			\$442,240	\$501,437	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$943,677

Description:

This project will fund a portion of an assessment and rehabilitation effort to be done to the 99th Avenue West Sub Regional Operating Group (SROG) interceptor. Under the SROG agreement, the City of Peoria is responsible for 21.68 percent of all capital costs associated with this line. In addition, the agreement details a 56 percent cost share of assessment and rehabilitation of a flow meter vault (GL02). The rehabilitation of GL02 and GL03 flow meters will be included in this project.

Justification:

In case of a wastewater treatment emergency, a bypass to the 99th Avenue interceptor can deliver the City's raw wastewater to the SROG system. Having this backup in place is key to effectively managing and maintaining the City's wastewater system.

CAPITAL PROJECT DETAIL

Wastewater

Trunk Sewer Line Inspection

Project Number: UT00322

Project Location: Citywide

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Study	Wastewater Fund Base		\$0	\$0	\$750,000	\$0	\$0	\$0	\$0	\$750,000	\$0	\$0	\$1,500,000
Study	Wastewater Fund Carryover		\$916,424	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$916,424
Total Budget			\$916,424	\$0	\$750,000	\$0	\$0	\$0	\$0	\$750,000	\$0	\$0	\$2,416,424

Description:

This project will perform an inspection and assessment of all sanitary sewer mains 15 inches and larger within the wastewater collection system on a five-year basis to ensure their structural and operational viability. In addition, this project will perform an assessment of the City's existing sanitary sewer force mains. These assessments will identify any existing or potential structural and operational issues.

Justification:

As sewer lines age and operate in a very harsh environment, periodic assessments are needed to monitor the condition of the infrastructure, providing a proactive approach and increasing the performance predictability of the system.

CAPITAL PROJECT DETAIL

Wastewater

Trunk Sewer Rehabilitation

Project Number: UT00296

Project Location: Citywide

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	Prp W/S Rev Bon	Carryover	\$100,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000
Arts	Wastewater Fund	Base	\$0	\$0	\$0	\$25,300	\$0	\$0	\$0	\$0	\$25,300	\$0	\$50,600
Construction	Wastewater Fund	Base	\$0	\$0	\$0	\$2,300,000	\$0	\$0	\$0	\$0	\$2,300,000	\$0	\$4,600,000
Design	Wastewater Fund	Base	\$0	\$0	\$0	\$230,000	\$0	\$0	\$0	\$0	\$230,000	\$0	\$460,000
Total Budget			\$100,000	\$0	\$0	\$2,555,300	\$0	\$0	\$0	\$0	\$2,555,300	\$0	\$5,210,600

Description:

This project will provide design and construction funding to rehabilitate trunk sewer mains identified as deficient in the City's trunk sewer condition assessment study.

Justification:

The City's Water Services Department performs regular condition assessments of our existing sewer infrastructure to identify areas of concern. This project will address deficient segments identified in the studies to be performed in FY24 and FY29.

CAPITAL PROJECT DETAIL

Wastewater

Wastewater System R&M Expense Program

Project Number: UT00436

Project Location: Citywide

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Other	Prp W/S Rev Bon	Carryover	\$463,309	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$463,309
Arts	Wastewater Fund	Base	\$0	\$7,070	\$7,070	\$7,070	\$7,070	\$7,070	\$7,070	\$7,070	\$7,070	\$7,070	\$63,630
Construction	Wastewater Fund	Base	\$699,930	\$699,930	\$699,930	\$699,930	\$699,930	\$699,930	\$699,930	\$699,930	\$699,930	\$699,930	\$6,999,300
Other	Wastewater Fund	Carryover	\$354,827	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$354,827
Total Budget			\$1,518,066	\$707,000	\$707,000	\$707,000	\$707,000	\$707,000	\$707,000	\$707,000	\$707,000	\$707,000	\$7,881,066

Description:

This program will provide for major repair, maintenance, and rehabilitation of our wastewater infrastructure.

Justification:

Aging infrastructure requires repair, maintenance, and rehabilitation to extend the service life of these assets and to ensure uninterrupted service to our customers. Planning and funding major repair, maintenance, and rehabilitation projects as opposed to addressing concerns reactively allows for coordinated scheduling, and reduces both service interruption duration and overall project costs.

CAPITAL PROJECT DETAIL

Wastewater

West Agua Fria Wastewater Lines

Project Number: UT00171

Project Location: Vistancia Development

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	Prp W/S Rev Bon	Carryover	\$271,203	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$271,203
Construction	Wastewater Expa	Carryover	\$1,477,325	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,477,325
Other	Wastewater Expa	Base	\$0	\$500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$500,000
Total Budget			\$1,748,528	\$500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,248,528

Description:

This project will provide additional wastewater collection capacity throughout the Vistancia community. The Vistancia Utilities Master Plan identified the wastewater trunk sewers that are needed to support the Vistancia wastewater system. The City is funding the oversizing of selected wastewater trunk sewers to provide collection system capacity for new development in surrounding areas. Future developers will contribute to this cost through impact fee assessment. Trunk mains are primarily located along Vistancia Blvd and El Mirage Rd.

Justification:

This project provides for additional collection capacity in the wastewater collection system in the Vistancia area. These lines are part of the Vistancia Wastewater Master Plan and will be used to convey wastewater to the appropriate treatment facility.

CAPITAL PROJECT DETAIL

Water

67th Ave 16-in Waterline - Pinnacle Pk to Hatfield

Project Number: UT00440

Project Location: 67th Av; Pinnacle Peak Rd to Hatfield Rd

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	Water Fund	Base	\$0	\$21,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$21,000
Construction	Water Fund	Base	\$0	\$2,100,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,100,000
Construction	Water Fund	Carryover	\$150,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$150,000
Total Budget			\$150,000	\$2,121,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,271,000

Total Operating Impacts	\$0	\$0	\$0	\$5,600	\$5,600	\$5,600	\$5,600	\$5,600	\$5,600	\$5,600	\$5,600	\$39,200
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Description:

This project provides for the coordination with adjacent property owners, public involvement, design, ROW acquisition, utility coordination, utility relocation, burying overhead facilities, construction and construction administration for the installation of approx. 5,800 LF of new 16-inch ductile iron waterline on Pinnacle Peak Road between 67th and 70th Avenue and on 67th Avenue between Pinnacle Peak Road and Hatfield Road. This project may also require processing of utility company (APS, Cox, Qwest, SRP, EPNG, SWG, etc) design and construction agreements, development and intergovernmental agreements.

Justification:

The project is programmed to be constructed simultaneously with the regional storm drain project and the 67th Avenue Street Improvements project. The waterline will also increase water system redundancy, reliability and availability in the area. Currently many of the local residents are on groundwater wells. This project is intended to encourage connection to our water system.

CAPITAL PROJECT DETAIL

Water

75th Avenue and Grand PRV Upgrade (PI01)

Project Number: UT00408

Project Location: 75th Av & Grand Av

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	W/S Rev Bonds (	Carryover	\$75,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75,000
Total Budget			\$75,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75,000

Description:

Project includes the abandonment and demolition of an existing pressure-reducing valve (PRV) station located at 75th Avenue and Grand Avenue. A new PRV station, located in the same vicinity, will be constructed per City standards. The project will upsize the existing 8-inch PRV to a 10-inch, and add a 4-inch low flow bypass as well.

Justification:

The current pressure reducing valve station (PRV) at 75th Avenue and Grand Avenue is not to current City standards. A PRV is needed at the intersection to allow drinking water to flow between City pressure zones (1 and 2). By removing the older, substandard PRV, the City can construct a new PRV station that is much more efficient and safe for City maintenance staff. In addition, staff cannot currently control this PRV through our SCADA system. This project will add the required SCADA elements to allow for remote monitoring and operation that will increase staff efficiency.

CAPITAL PROJECT DETAIL

Water

Agua Fria Booster Station - Phase II

Project Number: UT00501

Project Location: Agua Fria Booster Station

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	Water Expansion	Base	\$0	\$0	\$0	\$0	\$4,500	\$38,300	\$0	\$0	\$0	\$0	\$42,800
Chargebacks	Water Expansion	Base	\$0	\$0	\$0	\$0	\$5,000	\$5,000	\$0	\$0	\$0	\$0	\$10,000
Construction	Water Expansion	Base	\$0	\$0	\$0	\$0	\$0	\$3,800,000	\$0	\$0	\$0	\$0	\$3,800,000
Design	Water Expansion	Base	\$0	\$0	\$0	\$0	\$450,000	\$38,000	\$0	\$0	\$0	\$0	\$488,000
Total Budget			\$0	\$0	\$0	\$0	\$459,500	\$3,881,300	\$0	\$0	\$0	\$0	\$4,340,800

Description:

This project is the second phase of construction for a new water booster pump station located just west of Lake Pleasant Parkway along the Lone Mountain Parkway alignment. This second phase will include pre-design, design, utility coordination, permitting and construction for additional pump station capacity to meet further development demand.

Justification:

Phase one of the project will only move 6 MGD to the Vistancia area. Growth timing is still not known, so the full booster station capacity is not being built at this time. This project will reserve funding for the second phase for when it is needed.

CAPITAL PROJECT DETAIL

Water

Arrowhead Shores Site Rehabilitation

Project Number: UT00312

Project Location: Betty Elyse Ln and 87th Ave

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	Water Fund	Carryover	\$511,957	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$511,957
Total Budget			\$511,957	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$511,957

Description:

This project includes the complete site rehabilitation of the Arrowhead Shores Reservoir/Booster Pump Station Site including the evaluation and possible replacement of existing electrical equipment, booster pumps, disinfection equipment, and yard piping. Additional items include reservoir rehabilitation, site grading, and installation of security equipment to bring the site to current City standards.

Justification:

Construction of this project will increase reliability and resiliency by replacing worn out equipment and upgrading to current City standards.

CAPITAL PROJECT DETAIL

Water

Asset Management Program

Project Number: UT00256

Project Location: Citywide

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Study	Wastewater Fund	Base	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000
Study	Wastewater Fund	Carryover	\$228,066	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$228,066
Study	Water Fund	Base	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000
Study	Water Fund	Carryover	\$268,665	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$268,665
Total Budget			\$596,731	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$596,731

Description:

This project provides funding to complete an analysis of our existing Water Services assets, and update databases that are currently used to track equipment condition. Once this study is completed, the second phase of the project would be the purchase and implementation of asset management software.

Justification:

Asset management programs are essential to accurately track asset condition and replacement timelines. In addition, these programs can lead to more efficient operation and maintenance and assist in capital project identification and preparation.

CAPITAL PROJECT DETAIL

Water

Bailey Well Site Improvements

Project Number: UT00414

Project Location: Cactus Rd and 75th Av

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	Water Fund	Carryover	\$350,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$350,000
Total Budget			\$350,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$350,000

Description:

The Bailey Well Site (W108) is located near the southwest corner of 75th Avenue and Cactus Road. This project will fund well site improvements including a new wall and access gates, site grading, site lighting and a new dry well to bring the site up to current City standards.

Justification:

Construction of the project will enhance security at the site as well as provide easier access to the well pump and appurtenances and improve the grading, drainage and site lighting.

CAPITAL PROJECT DETAIL

Water

CAP Pump Station Rehabilitation - Quintero

Project Number: UT00274

Project Location: 163rd Av & Jomax Rd

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	W/S Rev Bonds (	Carryover	\$3,259,950	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,259,950
Construction	Water Fund	Carryover	\$400,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$400,000
Total Budget			\$3,659,950	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,659,950

Description:

This project provides for the project coordination, public involvement, pre-design studies, design, land acquisition, construction, materials testing, construction administration, utility coordination, and all related sitework for the rehabilitation of an existing raw water booster pump station that provides raw water to the Quintero Water Treatment Facility. The CAP Pump Station is the only source of water for the Quintero community. The station is outdated and not up to current City standards. The project includes backfill of an existing basin, replacement of pump station piping, replacement of aging pumps, and the relocation and replacement of existing electrical equipment that is beyond its expected lifespan. The site itself is located outside of the City's limits at 163rd Avenue and Jomax Road.

Justification:

The CAP Pump Station is the sole source of water for the Quintero subdivision in northern Peoria. The site is outdated and not to current City standards.

CAPITAL PROJECT DETAIL

Water

Desert Harbor Well Rehabilitation

Project Number: UT00510

Project Location: 91st Av and Greenway Rd to Arrowhead Shores Well

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	Water Fund	Base	\$0	\$0	\$14,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$14,000
Chargebacks	Water Fund	Base	\$0	\$0	\$7,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,500
Construction	Water Fund	Base	\$0	\$0	\$1,400,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,400,000
Total Budget			\$0	\$0	\$1,421,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,421,500

Description:

This project will recommission the waterline from the Desert Harbor Well to the Arrowhead Shores Reservoir in order to facilitate mixing of two water sources including the Desert Harbor Well and the Arrowhead Shores Well. The Desert Harbor Well is currently only used to supply water to the Desert Harbor HOA Lake. This project will not interrupt that service, but will allow some of the well capacity to be used for potable purposes. In addition to rehabilitation of the waterline, the site will be brought up to current City standards. Design for this project has already been completed.

Justification:

The Desert Harbor Well is currently not connected to the system due to arsenic concerns. The blending of this water source with the Arrowhead Shores Well will allow for an increase in the reliable water supply for the area.

CAPITAL PROJECT DETAIL

Water

El Mirage Road Waterline Upsizing

Project Number: UT00430

Project Location: El Mirage Rd - Lone Mntn to Westland Reservoir

Live Peoria Goal: Smart Growth

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	Water Expansion	Base	\$0	\$0	\$17,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$17,000
Construction	Water Expansion	Base	\$0	\$0	\$1,683,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,683,000
Total Budget			\$0	\$0	\$1,700,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,700,000

Description:

This project provides for the project coordination, public involvement, pre-design studies, design, ROW acquisition, construction, materials testing, construction administration, and utility coordination for the installation of new waterline along El Mirage Road from Lone Mountain Road to the Westland Reservoir Facility. The waterline will be constructed by an area developer, but the City will include funding for 'oversize' of that waterline to account for future development. This oversize component is typically repaid by future developers through impact fee assessment.

Justification:

While this waterline is expected to be constructed by developers in the area, the City will often look to "oversize" a waterline to meet future development needs beyond those of the developer. This process is done through a development agreement where the City reimburses the developer for the oversize cost.

CAPITAL PROJECT DETAIL

Water

Facility Reconditioning & Water Quality Program

Project Number: UT00206

Project Location: Citywide

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	Water Fund	Base	\$0	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000	\$72,000
Construction	Water Fund	Base	\$1,300,000	\$800,000	\$800,000	\$800,000	\$800,000	\$800,000	\$800,000	\$800,000	\$800,000	\$800,000	\$8,500,000
Construction	Water Fund	Carryover	\$2,421,924	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,421,924
Total Budget			\$3,721,924	\$808,000	\$808,000	\$808,000	\$808,000	\$808,000	\$808,000	\$808,000	\$808,000	\$808,000	\$10,993,924

Description:

This program will upgrade and recondition over 40 existing water distribution and production facilities. Water Services staff will prioritize projects to be included in this program based on operational needs and facility condition. Types of projects included under this program are water reservoir rehabilitation, booster pump station upgrades and rehabilitation, and various site improvements.

Justification:

This program will upgrade existing distribution and production sites to address reliability and efficiency issues as these facilities age. The program will also upgrade sites with new technologies, as appropriate, to allow the system to continue to operate at peak efficiency and reliability, while ensuring excellent water quality.

CAPITAL PROJECT DETAIL

Water

Fire Hydrant & Valve Replacement Program

Project Number: UT00204

Project Location: Citywide

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	Water Fund	Base	\$0	\$3,500	\$3,500	\$3,500	\$3,500	\$3,500	\$3,500	\$3,500	\$3,500	\$3,500	\$31,500
Construction	Water Fund	Base	\$350,000	\$350,000	\$350,000	\$350,000	\$350,000	\$350,000	\$350,000	\$350,000	\$350,000	\$350,000	\$3,500,000
Total Budget			\$350,000	\$353,500	\$353,500	\$353,500	\$353,500	\$353,500	\$353,500	\$353,500	\$353,500	\$353,500	\$3,531,500

Description:

This is an ongoing program to install new fire hydrants and valves in areas of the City where infrastructure is aging or additional infrastructure (hydrants and valves) are needed. This program will provide for the systematic replacement of fire hydrants in the water distribution system that are determined to be obsolete and/or for which replacement parts are no longer available.

Justification:

Identification of the need for additional fire hydrants and valves in the water distribution system and the replacement of obsolete fire hydrants is ongoing to ensure compliance with Fire Code standards.

CAPITAL PROJECT DETAIL

Water

Greenway Equipment Upgrade & Replacement Program

Project Number: UT00316

Project Location: Greenway Water Treatment Plant

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	Water Fund	Base	\$1,212,000	\$606,000	\$606,000	\$151,500	\$151,500	\$151,500	\$151,500	\$151,500	\$151,500	\$151,500	\$3,484,500
Construction	Water Fund	Carryover	\$52	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$52
Equipment	Water Fund	Carryover	\$741,394	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$741,394
Total Budget			\$1,953,446	\$606,000	\$606,000	\$151,500	\$151,500	\$151,500	\$151,500	\$151,500	\$151,500	\$151,500	\$4,225,946

Description:

The Greenway Water Treatment Plant was constructed in 2001, and like any critical facility, requires equipment and component replacement and rehabilitation on a periodic basis to ensure continuous and reliable operation. Projects may involve any items necessary for the water treatment process, but typically include equipment such as pumps, motors, mixers, influent screens, chemical treatment components, and miscellaneous building and site improvements.

Justification:

The Greenway Water Treatment Plant provides potable water services to approximately one-third of Peoria customers. Repairing and replacing equipment is an important part of keeping this facility in good and reliable working order. This is not only important for our core service, but is required by county and state regulations.

CAPITAL PROJECT DETAIL

Water

Greenway WTP 8 MGD Expansion

Project Number: UT00311

Project Location: Greenway Water Treatment Plant

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	Future WIFA Rev	Base	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$32,516	\$277,102	\$309,618
Chargebacks	Future WIFA Rev	Base	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000	\$100,000	\$150,000
Construction	Future WIFA Rev	Base	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$27,710,176	\$27,710,176
Design	Future WIFA Rev	Base	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,521,584	\$0	\$3,521,584
Total Budget			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,604,100	\$28,087,278	\$31,691,378

Description:

This project provides for an 8 million gallons per day (MGD) expansion of the Greenway Water Treatment Plant from its current capacity of 16 MGD to 24 MGD. The treatment plant was master planned to be expanded further to an ultimate capacity of 32 MGD. This project includes sizing major treatment processes to increase existing capacity.

Justification:

The City's continuing growth and development results in the increased demand for potable water. This expansion will ensure that sufficient water production is provided to meet the increasing demands by adding treatment capacity at the existing facility.

CAPITAL PROJECT DETAIL

Water

Integrated Water Utility Master Plan (IWUMP)

Project Number: UT00271

Project Location: Citywide

Live Peoria Goal: Smart Growth

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Study	Wastewater Expa	Base	\$24,603	\$0	\$0	\$0	\$0	\$0	\$0	\$24,603	\$0	\$0	\$49,206
Study	Wastewater Fund	Base	\$166,497	\$120,100	\$0	\$0	\$0	\$0	\$0	\$166,497	\$120,100	\$0	\$573,194
Study	Water Expansion	Base	\$47,900	\$31,900	\$0	\$0	\$0	\$0	\$0	\$47,900	\$31,900	\$0	\$159,600
Study	Water Fund	Base	\$131,000	\$88,000	\$0	\$0	\$0	\$0	\$0	\$131,000	\$88,000	\$0	\$438,000
Total Budget			\$370,000	\$240,000	\$0	\$0	\$0	\$0	\$0	\$370,000	\$240,000	\$0	\$1,220,000

Description:

This project will update the 2015 Integrated Water Utilities Master Plan (IWUMP), which addresses the City's water, wastewater, and reuse systems, as well as the City's water portfolio. The IWUMP will identify the water resources needed to support the City's adopted General Plan Land Use map. This will be accomplished by determining the amount of potable and reuse water required along with the amount of wastewater generated at build-out. These requirements must be identified to determine future water resource, production, distribution, collection, and treatment facility requirements.

Justification:

According to the City's adopted Principles of Sound Water Management, staff will update the IWUMP on a seven-year cycle, to keep up with development and regulatory changes. The current IWUMP was completed in FY2015; accordingly, the next update will need to start in FY2022.

CAPITAL PROJECT DETAIL

Water

Jomax Booster Station Upgrades

Project Number: UT00285

Project Location: Jomax Rd and Terramar Blvd

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	Outside Sources	Carryover	\$250,625	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$250,625
Construction	Water Expansion	Base	\$1,485,149	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,485,149
Construction	Water Expansion	Carryover	\$1,283,352	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,283,352
Construction	Water Fund	Base	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,000,000
Construction	Water Fund	Carryover	\$343,009	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$343,009
Study	Water Fund	Carryover	\$3,520	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,520
Total Budget			\$5,365,655	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,365,655

Description:

This project provides for the project coordination, public involvement, pre-design studies, design, land acquisition, construction, materials testing, construction administration, utility coordination, and all related sitework for an upgrade to the existing Jomax Booster Pump Station, located at Jomax Road and Terramar Blvd. The City is actively working with the City of Glendale on an expansion of the Pyramid Peak Water Treatment Plant (PPWTP), which will provide more water for future growth in northern areas of the City. This project will increase the booster pump capacity at the Jomax Booster Station site to move the additional water where it is needed. Included in this upgrade are new booster pumps, additional electrical capacity and equipment, a new backup generator, and new site piping associated with these improvements. This project will also include modifications to an existing turnout structure from the PPWTP located at 67th Avenue and Jomax Road and pump upgrades at the Sonoran Mountain Ranch Booster Station located at 75th Avenue and Jomax Road to further assist with proper delivery of the new water source.

Justification:

Construction of this project will increase water supply quantity by increasing infrastructure capacity to meet the newly available supply from the Glendale PPWTP.

CAPITAL PROJECT DETAIL

Water

Jomax Waterline - Loop 303 to El Mirage Road

Project Number: UT00503

Project Location: Jomax Blvd and El Mirage Rd

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	Water Expansion	Base	\$0	\$0	\$0	\$0	\$0	\$0	\$19,500	\$0	\$0	\$0	\$19,500
Chargebacks	Water Expansion	Base	\$0	\$0	\$0	\$0	\$0	\$0	\$32,000	\$0	\$0	\$0	\$32,000
Construction	Water Expansion	Base	\$0	\$0	\$0	\$0	\$0	\$0	\$1,800,000	\$0	\$0	\$0	\$1,800,000
Design	Water Expansion	Base	\$0	\$0	\$0	\$0	\$0	\$0	\$150,000	\$0	\$0	\$0	\$150,000
Total Budget			\$0	\$0	\$0	\$0	\$0	\$0	\$2,001,500	\$0	\$0	\$0	\$2,001,500

Description:

This project will add a new ductile iron water distribution main along Jomax Boulevard between the Loop 303 and El Mirage Road. This new watermain will be needed to meet local growth demands not covered by developers.

Justification:

As growth occurs, new water distribution mains will be needed to meet local demands.

CAPITAL PROJECT DETAIL

Water

Local Waterline Improvement Program

Project Number: UT00203

Project Location: Citywide

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	Water Fund	Base	\$0	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$22,500
Chargebacks	Water Fund	Base	\$0	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$45,000
Construction	Water Fund	Base	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$2,500,000
Construction	Water Fund	Carryover	\$178,775	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$178,775
Total Budget			\$428,775	\$257,500	\$257,500	\$257,500	\$257,500	\$257,500	\$257,500	\$257,500	\$257,500	\$257,500	\$2,746,275

Description:

This program provides funding to upgrade the City's existing water distribution system to ensure its continued efficient and reliable operation. These funds may be used to replace system isolation valves, pipe and other appurtenances that have reached or exceeded their life expectancy. In addition, this project may construct water line extensions in advance of street improvement projects.

Justification:

The existing city water distribution system needs continual upgrading to ensure uninterrupted service and compliance with water quality regulations. In addition, these funds provide a means for the Water Services Department to coordinate efforts with other city projects where opportunities are identified for water system improvements.

CAPITAL PROJECT DETAIL

Water

LPH Mystic Water Oversizing

Project Number: UT00445

Project Location: Lake Pleasant Heights Development

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	Water Expansion	Base	\$0	\$955	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$955
Construction	Water Expansion	Base	\$0	\$94,528	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$94,528
Construction	Water Expansion	Carryover	\$331,027	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$331,027
Total Budget			\$331,027	\$95,483	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$426,510

Description:

This project provides for additional transmission capacity in the water system serving the Lake Pleasant Heights (LPH) development and adjacent developments in the future. The LPH development will fund the transmission mains necessary to serve the development's requirements. The City is funding the over-sizing of selected transmission mains to provide water distribution capacity for new developments in the surrounding areas.

Justification:

The project provides for additional transmission capacity in the water system in and around the Lake Pleasant Heights development area. The lines will be used to convey water from the water treatment infrastructure and connect to local distribution lines.

CAPITAL PROJECT DETAIL

Water

MOC Reservoir (R101) Site Improvements

Project Number: UT00434

Project Location: Municipal Operations Center

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	Water Fund	Carryover	\$427,822	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$427,822
Total Budget			\$427,822	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$427,822

Description:

This project will provide for pre-design, design, permitting, utility coordination and construction of site improvements at the MOC Reservoir Site. These improvements will include the replacement of aging pumps and other associated equipment to bring the site to current City standards.

Justification:

The replacement of aging and outdated equipment at our facilities helps ensure a reliable and efficient water system.

CAPITAL PROJECT DETAIL

Water

New River Utility Co. Acquisition & Improvements

Project Number: UT00390

Project Location: Deer Valley Rd./Beardsley Rd. & 83rd Ave

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	Water Fund	Carryover	\$2,500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,500,000
Total Budget			\$2,500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,500,000

Description:

This project entails preliminary costs associated with the purchase of the New River Utility Company water system such as water resource acquisition costs, system improvement costs, meter replacement costs, and costs associated with the integration of the water system into the City's water production and distribution system. This project excludes the cost of the purchase of the utility.

Justification:

Acquisition of the private water utility company will provide for an integrated system in that portion of the City, allow the City to address chronic pressure complaints expressed by citizens, and allow for enhanced planning and modeling of the overall water system. The funding will allow the water system to be improved to a level consistent with that of the City's existing water system.

CAPITAL PROJECT DETAIL

Water

Patterson Reservoir - Existing Well Connection

Project Number: UT00328

Project Location: 107th Ave - Deer Valley to Williams Rd

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	Water Fund	Base	\$0	\$0	\$6,500	\$39,604	\$25,396	\$0	\$0	\$0	\$0	\$0	\$71,500
Chargebacks	Water Fund	Base	\$0	\$0	\$5,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,000
Construction	Water Fund	Base	\$0	\$0	\$650,000	\$3,960,396	\$2,539,604	\$0	\$0	\$0	\$0	\$0	\$7,150,000
Construction	Water Fund	Carryover	\$437,194	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$437,194
Total Budget			\$437,194	\$0	\$661,500	\$4,000,000	\$2,565,000	\$0	\$0	\$0	\$0	\$0	\$7,663,694

Description:

This project provides for the project coordination, public involvement, pre-design studies, design, ROW acquisition, construction, materials testing, construction administration, and utility coordination for the installation of waterline, as needed, to connect three existing well sites to the Patterson Reservoir (W211) site. The location of the existing wells are 104th Ave. and Deer Valley Rd., 105th Ave. and Rose Garden Ln., and 102nd Ave. and Patrick Ln. Each of these wells has water quality issues, primarily cloudy water resulting from dissolved air in the water. By sending the water from each well to a reservoir site, the water can be treated at one central location and provide additional water system redundancy in the area. The expected pipeline route will be along 107th Ave. between Deer Valley Rd. and Williams Rd.

Justification:

Three well sites, W209, W210 and W213, currently have water quality issues that include cloudy water resulting from dissolved air in the water. While not a health risk, this is an aesthetic issue for our customers and the air needs to be removed in order for the wells to be returned to service. This project will connect these three wells to the W211 Patterson Reservoir site for the purpose of air removal through dissipation in the reservoir.

CAPITAL PROJECT DETAIL

Water

Pyramid Peak Water Treatment Plant - Upgrades

Project Number: UT00037

Project Location: Pyramid Peak Water Treatment Plant

Live Peoria Goal: Smart Growth

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	W/S Rev Bonds (	Carryover	\$3,802,072	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,802,072
Total Budget			\$3,802,072	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,802,072

Description:

This project is for capital costs associated with the Pyramid Peak Water Treatment Plant, including anticipated design and construction costs for projects identified as necessary as a result of recent condition assessments and subsequent design efforts. Peoria currently owns 11 MGD of capacity at the plant, representing 23 percent of the plant's capacity and is responsible for 23 percent of the cost for plant improvements.

Justification:

The Pyramid Peak Water Treatment Plant treats approximately 11 million gallons of drinking water for the City of Peoria per day and is a vital component of the City's drinking water supply. Improvements, upgrades, and capital investment at the facility enhances the reliability of this critical source of water for the City.

CAPITAL PROJECT DETAIL

Water

Pyramid Peak Water Treatment Plant Expansion

Project Number: UT00334

Project Location: Pyramid Peak Water Treatment Plant

Live Peoria Goal: Smart Growth

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	Water Expansion	Carryover	\$3,334,436	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,334,436
Construction	Water Fund	Carryover	\$355,516	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$355,516
Construction	WIFA Revenue B	Carryover	\$21,678,891	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$21,678,891
Other	WIFA Revenue B	Carryover	\$25,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$25,000
Total Budget			\$25,393,843	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$25,393,843

Description:

The project will provide for the design, permitting, construction, construction administration, and project management of an expansion of the City of Glendale Pyramid Peak Water Treatment Plant. The project includes addition of a new treatment train, chemical feed systems, solids disposal facilities, pumping equipment, distribution or transmission piping, SCADA, instrumentation, electrical, mechanical, and other ancillary equipment, structures, and appurtenances.

Justification:

Projected growth in the northern part of the City will require additional Central Arizona Project (CAP) treatment capacity. The City has rights to use CAP water but will need additional treatment capacity. The City owns capacity in the City of Glendale Pyramid Peak Water Plant, which treats a portion of Peoria's CAP allocation. This project is proposed to purchase additional treatment capacity to provide Peoria capacity ownership of 24 million gallons per day.

CAPITAL PROJECT DETAIL

Water

Quintero Equipment Upgrade & Replacement Program

Project Number: UT00418

Project Location: Quintero Water Treatment Plant

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	Water Fund	Carryover	\$13,270	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$13,270
Equipment	Water Fund	Base	\$101,000	\$101,000	\$101,000	\$50,500	\$50,500	\$50,500	\$50,500	\$50,500	\$50,500	\$50,500	\$656,500
Equipment	Water Fund	Carryover	\$110,627	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$110,627
Other	Water Fund	Carryover	\$199,153	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$199,153
Total Budget			\$424,050	\$101,000	\$101,000	\$50,500	\$50,500	\$50,500	\$50,500	\$50,500	\$50,500	\$50,500	\$979,550

Description:

The Quintero Water Treatment Plant was constructed in 2005, and like any critical facility, requires equipment and component replacement and rehabilitation on a periodic basis to ensure continuous and reliable operation. Projects include rebuilding pumps, upgrading disinfection facilities, treatment components, and site aesthetics.

Justification:

The Quintero Water Treatment Plant provides potable water service to the Quintero service area. Repairing and replacing equipment is an important part of keeping this facility in good operating condition and in compliance with all applicable permits and regulatory requirements.

CAPITAL PROJECT DETAIL

Water

Reclaimed Water Master Plan Implementation

Project Number: UT00505

Project Location: Citywide

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	Future GO Bonds Base		\$8,983,168	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$8,983,168
Construction	Future GO Bonds Carryover		\$5,013,956	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,013,956
Study	Future GO Bonds Carryover		\$277,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$277,000
Total Budget			\$14,274,124	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$14,274,124

Description:

This project provides for coordination, public involvement, pre-design studies, design, ROW acquisition, construction, materials testing, administration, utility coordination, and all related sitework for the expansion of the reclaimed water system. A study will determine the actual projects to achieve the highest and best use of reclaimed water resources. Projects may include extension of the purple pipe system to serve additional customers, expansion of recharge capabilities within the city, connection of systems to increase operation efficiency, and improvements to ensure beneficial use of all reclaimed water produced.

Justification:

One of the City's goals is to utilize treated wastewater from the three water reclamation facilities for groundwater recharge and landscape irrigation. This project will enhance the City's ability to reliably gain beneficial use of all reclaimed water produced.

CAPITAL PROJECT DETAIL

Water

SCADA Equipment Replacement Program

Project Number: UT00266

Project Location: Citywide

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	Wastewater Fund	Carryover	\$191	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$191
Equipment	Wastewater Fund	Base	\$225,000	\$275,000	\$275,000	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$1,300,000
Equipment	Wastewater Fund	Carryover	\$250,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$250,000
Construction	Water Fund	Carryover	\$88,866	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$88,866
Equipment	Water Fund	Base	\$225,000	\$275,000	\$275,000	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$1,300,000
Equipment	Water Fund	Carryover	\$150,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$150,000
Total Budget			\$939,057	\$550,000	\$550,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$3,089,057

Description:

This program will replace, upgrade and add supervisory control and data acquisition (SCADA) equipment and associated communication network equipment at water, wastewater, and reclaimed water facilities operated by the City. Included in the project will be the items necessary for full functionality, such as programmable logic controllers (PLCs), monitoring devices, flow meters, radios, sensors, transducers, and related support equipment and housings.

Justification:

As equipment ages and becomes obsolete, new equipment is needed to more effectively and efficiently operate our water and wastewater systems and provide more flexibility for our operations staff.

CAPITAL PROJECT DETAIL

Water

Sports Complex Well Relocation

Project Number: UT00391

Project Location: Peoria Sports Complex

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	Half Cent Fund	Base	\$0	\$2,466,700	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,466,700
Design	Half Cent Fund	Base	\$116,700	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$116,700
Arts	Water Fund	Base	\$0	\$37,050	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$37,050
Chargebacks	Water Fund	Base	\$0	\$5,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,000
Construction	Water Fund	Base	\$0	\$1,233,300	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,233,300
Design	Water Fund	Base	\$58,300	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$58,300
Total Budget			\$175,000	\$3,742,050	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,917,050

Description:

This project will abandon the existing Sports Complex Well (W114) and drill a new well next to the Sports Complex Reservoir (R103) facility. Included in this project are the costs for well abandonment, design of a new well, drilling of a test and final well, design for equipping of the new well, and actual equipping construction.

Justification:

Relocation of this well will allow for further development at the Peoria Sports Complex, as well as provide increased water production and enhanced water quality.

CAPITAL PROJECT DETAIL

Water

Sports Complex/W115 Well Connection

Project Number: UT00327

Project Location: Peoria Sports Complex

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	Water Expansion	Base	\$0	\$0	\$0	\$0	\$3,000	\$0	\$0	\$0	\$0	\$0	\$3,000
Design	Water Expansion	Base	\$0	\$0	\$0	\$0	\$300,000	\$0	\$0	\$0	\$0	\$0	\$300,000
Study	Water Expansion	Base	\$0	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000
Arts	Water Fund	Base	\$0	\$0	\$0	\$0	\$0	\$25,000	\$0	\$0	\$0	\$0	\$25,000
Chargebacks	Water Fund	Base	\$0	\$0	\$0	\$0	\$0	\$5,000	\$0	\$0	\$0	\$0	\$5,000
Construction	Water Fund	Base	\$0	\$0	\$0	\$0	\$0	\$2,500,000	\$0	\$0	\$0	\$0	\$2,500,000
Total Budget			\$0	\$50,000	\$0	\$0	\$303,000	\$2,530,000	\$0	\$0	\$0	\$0	\$2,883,000

Description:

This project will design and construct a new 12-inch waterline primarily along 83rd Avenue between the Peoria Sports Complex Reservoir Site and the W115 Well located just west of 83rd Avenue at Bell Road. The W115 Well is currently offline for water quality concerns. The new pipeline will be used to convey water from this well to a site where it can be treated or blended with other potable water sources to increase the City's water supply in the area. In addition, this project includes the evaluation, design and possible installation of wellhead treatment equipment at the Sports Complex site. A FY23 study will help further identify whether or not the project will need to include wellhead treatment.

Justification:

The W115 Well Site has water quality issues that could potentially be addressed by blending with higher quality sources to meet all regulatory requirements. By treating or blending the water from this well with other sources, the well could be put back to use for potable water purposes. Bringing this well back online provides a good source of added water system redundancy in the area.

CAPITAL PROJECT DETAIL

Water

Sweetwater Well Site Rehabilitation

Project Number: UT00442

Project Location: 12740 N. 91st Avenue

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	Water Expansion	Base	\$0	\$0	\$2,500	\$4,941	\$0	\$0	\$0	\$0	\$0	\$0	\$7,441
Chargebacks	Water Expansion	Base	\$0	\$0	\$5,000	\$979	\$0	\$0	\$0	\$0	\$0	\$0	\$5,979
Construction	Water Expansion	Base	\$0	\$0	\$0	\$494,080	\$0	\$0	\$0	\$0	\$0	\$0	\$494,080
Design	Water Expansion	Base	\$0	\$0	\$250,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$250,000
Arts	Water Fund	Base	\$0	\$0	\$0	\$20,284	\$0	\$0	\$0	\$0	\$0	\$0	\$20,284
Chargebacks	Water Fund	Base	\$0	\$0	\$0	\$4,021	\$0	\$0	\$0	\$0	\$0	\$0	\$4,021
Construction	Water Fund	Base	\$0	\$0	\$0	\$2,028,420	\$0	\$0	\$0	\$0	\$0	\$0	\$2,028,420
Total Budget			\$0	\$0	\$257,500	\$2,552,725	\$0	\$0	\$0	\$0	\$0	\$0	\$2,810,225

Description:

This project provides for the project coordination, public involvement, pre-design studies, design, ROW acquisition, construction, materials testing, construction administration, utility coordination, utility relocation, and all related sitework for rehabilitation of the existing Sweetwater Well Site. This project may also include processing of utility company (APS, Cox, Qwest/Centurylink, SRP, etc) design and construction agreements, development and intergovernmental agreements.

Justification:

The Sweetwater Well has not been in service for years due to water quality concerns. This project will perform a study to evaluate options that will bring the well to acceptable water quality standards. In addition, rehabilitation of the existing well could lead to increased water supply that will provide additional redundancy for the local water system. The project will also bring the site to current City standards.

CAPITAL PROJECT DETAIL

Water

Technology and Security Master Plan

Project Number: UT00304

Project Location: Citywide

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Study	Water Expansion	Carryover	\$171,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$171,000
Total Budget			\$171,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$171,000

Description:

This project merges three previous master plans into a consolidated plan, linking planning efforts for utilities technology, Supervisory Control and Data Acquisition (SCADA) and security into a single master plan. The plan was last updated in 2008.

Justification:

The integration of technology and security into utility operating systems is a best management practice in the water and wastewater industry and allows the City to improve the performance and security of its systems. To maximize the use of technology, it is critical to have a system-wide master plan to ensure a long-term, system-wide approach is developed.

CAPITAL PROJECT DETAIL

Water

Terramar Booster Pump Station Rehabilitation

Project Number: UT00412

Project Location: Jomax Rd and Terramar Blvd

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	W/S Rev Bonds (	Carryover	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,000,000
Construction	Water Fund	Carryover	\$300,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$300,000
Total Budget			\$2,300,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,300,000

Description:

This project includes the complete site rehabilitation of the Terramar Reservoir/Booster Station site including the evaluation and possible replacement of existing electrical equipment, booster pumps, disinfection equipment, and yard piping. Additional items include reservoir rehabilitation, site grading, and installation of security equipment to bring the site to current City standards.

Justification:

Construction of this project will increase reliability and resiliency by replacing worn out equipment and upgrading to current City standards.

CAPITAL PROJECT DETAIL

Water

Utility Billing System

Project Number: UT00160

Project Location: Citywide

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Other	Commercial Solid	Base	\$13,000	\$0	\$0	\$0	\$0	\$0	\$227,000	\$0	\$0	\$0	\$240,000
Other	Residential Solid	Base	\$27,000	\$0	\$0	\$0	\$0	\$0	\$473,000	\$0	\$0	\$0	\$500,000
Other	Stormwater Fund	Base	\$5,000	\$0	\$0	\$0	\$0	\$0	\$70,000	\$0	\$0	\$0	\$75,000
Other	Wastewater Expa	Base	\$10,000	\$0	\$0	\$0	\$0	\$0	\$150,000	\$0	\$0	\$0	\$160,000
Other	Wastewater Fund	Base	\$32,000	\$0	\$0	\$0	\$0	\$0	\$568,000	\$0	\$0	\$0	\$600,000
Other	Water Expansion	Base	\$63,000	\$0	\$0	\$0	\$0	\$0	\$1,172,000	\$0	\$0	\$0	\$1,235,000
Total Budget			\$150,000	\$0	\$0	\$0	\$0	\$0	\$2,660,000	\$0	\$0	\$0	\$2,810,000

Description:

This project will replace the existing utility billing system with a new customer information system (CIS) for utility billing and revenue collection. This system will interface with other city information systems, such as meter reading, fixed asset accounting, financial accounting and e-government software. The current utility billing system will eventually need to be replaced to handle new accounts as the number of customers increases. In FY 2022, the funding will be used for a system upgrade and study.

Justification:

The current utility billing system is several years old. The current system's performance will likely begin to degrade as the number of utility accounts increases, and the vendor may soon stop providing support for this version of its product. A new system will enhance functionality for utility customers and provide a stable, supported platform for this critical system that will accommodate the City's system requirements for several more years.

CAPITAL PROJECT DETAIL

Water

Water & Wastewater Rate Study

Project Number: UT00298

Project Location: Citywide

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Study	Commercial Solid	Carryover	\$2,022	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,022
Study	Residential Solid	Carryover	\$18,004	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$18,004
Study	Wastewater Fund	Base	\$0	\$50,000	\$0	\$0	\$50,000	\$0	\$0	\$50,000	\$0	\$0	\$150,000
Study	Wastewater Fund	Carryover	\$7,352	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,352
Study	Water Fund	Base	\$0	\$50,000	\$0	\$0	\$50,000	\$0	\$0	\$50,000	\$0	\$0	\$150,000
Study	Water Fund	Carryover	\$22,977	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$22,977
Total Budget			\$50,355	\$100,000	\$0	\$0	\$100,000	\$0	\$0	\$100,000	\$0	\$0	\$350,355

Description:

This study will update the City's water and wastewater rates. Rates will be reviewed to ensure that they cover the costs of system operations and maintenance, fund the system's capital program requirements, and support the financial strength of the enterprise funds. Studies are anticipated to be performed with the help of outside consultants and coordinated with staff from the Finance and Water Services departments. During the interim years between full studies, staff anticipates a lower level of annual support to update information and findings.

Justification:

Water and wastewater rates and structures are reviewed annually to ensure that they provide necessary funding to operate, maintain, and upgrade the City's utility systems in a financially sound and sustainable manner.

CAPITAL PROJECT DETAIL

Water

Water Line Assessment and Replacement

Project Number: UT00335

Project Location: Citywide

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	Water Fund	Base	\$0	\$0	\$0	\$0	\$0	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$75,000
Construction	Water Fund	Base	\$750,000	\$0	\$0	\$0	\$0	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$8,250,000
Construction	Water Fund	Carryover	\$2,546,952	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,546,952
Study	Water Fund	Carryover	\$151,400	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$151,400
Total Budget			\$3,448,352	\$0	\$0	\$0	\$0	\$1,515,000	\$1,515,000	\$1,515,000	\$1,515,000	\$1,515,000	\$11,023,352

Description:

This project will entail the identification, design, and replacement of small diameter water mains throughout the city to minimize main breaks, service outages, and property damage.

Justification:

Portions of the City's distribution system exceed 25 years in age and are constructed of materials that would not meet current design criteria. Issues are compounded by improper pipe bedding and system pressures resulting in main breaks and service outages. Funding will provide for a systematic review and replacement of small diameter pipelines that service neighborhoods and have a history of breaks or leaks.

CAPITAL PROJECT DETAIL

Water

Water Meter Replacement Program

Project Number: UT00326

Project Location: Citywide

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	Wastewater Fund	Carryover	\$371,591	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$371,591
Equipment	Wastewater Fund	Base	\$0	\$0	\$0	\$0	\$1,573,425	\$1,621,710	\$1,668,330	\$0	\$0	\$0	\$4,863,465
Construction	Water Fund	Carryover	\$83,591	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$83,591
Equipment	Water Fund	Base	\$0	\$0	\$0	\$0	\$3,151,575	\$3,248,290	\$3,341,670	\$0	\$0	\$0	\$9,741,535
Equipment	Water Fund	Carryover	\$1,590	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,590
Total Budget			\$456,772	\$0	\$0	\$0	\$4,725,000	\$4,870,000	\$5,010,000	\$0	\$0	\$0	\$15,061,772

Description:

The City's inventory of over 55,000 water meters includes approximately 6,000 meters that were not replaced during the first phase of this project. To ensure that the City's water billing data meets accuracy standards going forward, the most cost-effective approach is to replace meters at the end of their lifecycle on a consistent basis. Staff will, however, continue to explore alternatives that might reduce the number of meters to be replaced. Replacement labor will be provided by contracted staff.

Justification:

Water rate revenues are dependent on accurate volume metering from the City's meter inventory. Not updating our technology in a timely manner would lead to an increased level of effort and cost to repair failing equipment, less accurate billing information, and the potential that the timeliness of the current billing process could be jeopardized. The City's current meter reading process requires a minimal level of staff effort to complete with the existing reading technology. Keeping this technology current will enable continued timely processing of water meter information and is more cost-effective than investing in additional staff to perform manual reading.

CAPITAL PROJECT DETAIL

Water

Water System R&M Expense Program

Project Number: UT00438

Project Location: Citywide

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	Water Fund	Base	\$0	\$6,060	\$6,060	\$6,060	\$6,060	\$6,060	\$6,060	\$6,060	\$6,060	\$6,060	\$54,540
Construction	Water Fund	Base	\$599,940	\$599,940	\$599,940	\$599,940	\$599,940	\$599,940	\$599,940	\$599,940	\$599,940	\$599,940	\$5,999,400
Construction	Water Fund	Carryover	\$883,750	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$883,750
Total Budget			\$1,483,690	\$606,000	\$606,000	\$606,000	\$606,000	\$606,000	\$606,000	\$606,000	\$606,000	\$606,000	\$6,937,690

Description:

This project will provide for major repair, maintenance, assessment and rehabilitation of our water distribution and treatment infrastructure.

Justification:

Aging infrastructure requires additional major repair, maintenance, assessment and rehabilitation to extend the life of water utility assets and to ensure uninterrupted service to our customers. Planning and funding of these projects, as opposed to addressing concerns reactively, allows for coordinated scheduling and reduces both service interruption duration and overall project costs.

CAPITAL PROJECT DETAIL

Water

Water/Wastewater Hydraulic Model Update Program

Project Number: UT00428

Project Location: Citywide

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Study	Wastewater Fund	Base	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$250,000
Study	Wastewater Fund	Carryover	\$204,345	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$204,345
Study	Water Fund	Base	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$250,000
Study	Water Fund	Carryover	\$63,135	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$63,135
Total Budget			\$317,480	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$767,480

Description:

This project provides a study to evaluate the City's existing computer models used to assist in operation and planning of the City's water and wastewater systems. The study will evaluate the accuracy of the existing model through a process known as hydraulic model calibration, add new infrastructure to the model, and perform scenario modeling used to plan for future development per the City's 2015 Integrated Water Utility Master Plan. The City's intent is to update this model every five years to ensure the model remains accurate for use.

Justification:

This project provides for the update and/or replacement of the City's existing water and wastewater hydraulic models. The hydraulic models assist City staff in planning the existing and future needs of the City's water and wastewater infrastructure.

CAPITAL PROJECT DETAIL

Water

Water/Wastewater/Expansion Fee Update

Project Number: UT00070

Project Location: Citywide

Live Peoria Goal: Smart Growth

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Study	Wastewater Expa	Base	\$0	\$50,000	\$0	\$0	\$0	\$0	\$50,000	\$0	\$0	\$0	\$100,000
Study	Water Expansion	Base	\$0	\$50,000	\$0	\$0	\$0	\$0	\$50,000	\$0	\$0	\$0	\$100,000
Total Budget			\$0	\$100,000	\$0	\$0	\$0	\$0	\$100,000	\$0	\$0	\$0	\$200,000

Description:

This study will update water and wastewater expansion fees. These fees are required to be updated every fours years to ensure that they accurately recover the cost of constructing infrastructure required by new development. The project will be coordinated with the Finance and Budget Department.

Justification:

Expansion fees are updated every five years to ensure the fees cover the cost of infrastructure required by new development.

CAPITAL PROJECT DETAIL

Water

Weedville Well Site Rehabilitation

Project Number: UT00441

Project Location: 14017 N. 73rd Avenue

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	W/S Rev Bonds (	Carryover	\$1,041,661	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,041,661
Construction	Water Expansion	Carryover	\$1,322,047	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,322,047
Construction	Water Fund	Carryover	\$171,389	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$171,389
Total Budget			\$2,535,097	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,535,097

Description:

This project provides for the project coordination, public involvement, pre-design studies, design, ROW acquisition, construction, materials testing, construction administration, utility coordination, utility relocation, and related sitework for rehabilitation of the existing Weedville Well and Reservoir sites. The project will be a joint project with SRP to drill and equip a new well. In addition, the City will rehabilitate the existing reservoir and booster pump station site to bring it up to current City standards. This project may also include processing of utility company (APS, Cox, Qwest/Centurylink, SRP, etc) design and construction agreements, development and intergovernmental agreements.

Justification:

A joint agreement with SRP to redrill and equip a new groundwater well will allow for improved water quality as well as additional water system supply and redundancy for the area during annual dry-up periods.

CAPITAL PROJECT DETAIL

Water

Wellhead Water Quality Mitigation

Project Number: UT00272

Project Location: Citywide

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	W/S Rev Bonds (	Carryover	\$2,277,026	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,277,026
Construction	Water Expansion	Carryover	\$618,609	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$618,609
Total Budget			\$2,895,635	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,895,635

Description:

This project will provide for water quality treatment at various well sites in the water system. The City currently has several wells that are unusable for drinking water purposes. This project will evaluate and construct solutions to bring these wells back into regulatory compliance. Examples could include structural well rehabilitation or arsenic treatment systems.

Justification:

The project will increase water supply quantity by increasing utilization of existing groundwater resources and improving water quality to meet current regulatory standards.

CAPITAL PROJECT DETAIL

Water

Wells - New Construction

Project Number: UT00117

Project Location: Citywide

Live Peoria Goal: Smart Growth

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	Water Expansion	Base	\$0	\$3,000	\$23,000	\$0	\$14,000	\$23,000	\$0	\$0	\$0	\$0	\$63,000
Construction	Water Expansion	Base	\$0	\$0	\$2,300,000	\$0	\$1,400,000	\$2,300,000	\$0	\$0	\$0	\$0	\$6,000,000
Construction	Water Expansion	Carryover	\$1,250,523	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,250,523
Design	Water Expansion	Base	\$0	\$300,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$300,000
Land Acquisitio	Water Expansion	Base	\$0	\$0	\$0	\$0	\$70,000	\$0	\$0	\$0	\$0	\$0	\$70,000
Land Acquisitio	Water Expansion	Carryover	\$70,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$70,000
Study	Water Expansion	Base	\$0	\$0	\$0	\$200,000	\$0	\$0	\$0	\$0	\$0	\$0	\$200,000
Study	Water Expansion	Carryover	\$3,831	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,831
Total Budget			\$1,324,354	\$303,000	\$2,323,000	\$200,000	\$1,484,000	\$2,323,000	\$0	\$0	\$0	\$0	\$7,957,354

Total Operating Impacts	\$0	\$0	\$0	\$33,100	\$33,100	\$33,100	\$33,100	\$33,100	\$33,100	\$66,200	\$66,200	\$297,900
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Description:

The City currently uses surface water as its primary water supply. However, it is still necessary to drill and equip new wells to produce groundwater for meeting system redundancy requirements and future water demands. Currently the City's water system is made up of approximately 33% groundwater, but droughts and the uncertainty of future surface water supply makes the production of groundwater an important task. This project provides for the project coordination, public involvement, pre-design studies, design, land acquisition, construction, materials testing, construction administration, and utility coordination for the installation and equipping of new groundwater wells. Groundwater wells are typically built in three phases: test well to determine feasibility of the location, drilling of the well, and equipping of the well to pump water into the system. With land acquisition included, this is typically a three-year process.

Justification:

Surface water supplies may be interrupted during periods of extreme drought or if there is a failure in the canal delivery system. In addition, the Central Arizona Project and the Salt River Project canal systems are shut down periodically for maintenance and repairs, requiring back-up sources of water. Groundwater wells provide the redundancy necessary to ensure a reliable water system for city residents.

CAPITAL PROJECT DETAIL

Water

West Agua Fria Water Lines

Project Number: UT00170

Project Location: Vistancia Development

Live Peoria Goal: Smart Growth

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	Water Expansion	Base	\$0	\$0	\$18,812	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$18,812
Construction	Water Expansion	Base	\$0	\$0	\$1,881,188	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,881,188
Construction	Water Expansion	Carryover	\$975,987	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$975,987
Construction	Water Fund	Carryover	\$895,050	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$895,050
Total Budget			\$1,871,037	\$0	\$1,900,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,771,037

Description:

This project provides for additional transmission capacity in the water system throughout the Vistancia community. The Vistancia Utilities Master Plan identifies the water transmission mains that are needed to supply the Vistancia area. The City is funding the oversizing of selected transmission mains to provide water distribution capacity for new development in surrounding areas. This additional capacity will ultimately be paid by future developers through the collection of impact fees.

Justification:

Oversizing of these waterlines allows the City to ensure sufficient capacity for future developments.

CAPITAL PROJECT DETAIL

Water

Westland Reservoir/Booster Station - Phase II

Project Number: UT00502

Project Location: Westland Reservoir

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	Water Expansion	Base	\$0	\$0	\$0	\$30,500	\$30,000	\$0	\$0	\$0	\$0	\$0	\$60,500
Chargebacks	Water Expansion	Base	\$0	\$0	\$0	\$10,000	\$10,000	\$0	\$0	\$0	\$0	\$0	\$20,000
Construction	Water Expansion	Base	\$0	\$0	\$0	\$2,450,000	\$3,000,000	\$0	\$0	\$0	\$0	\$0	\$5,450,000
Design	Water Expansion	Base	\$0	\$0	\$0	\$600,000	\$0	\$0	\$0	\$0	\$0	\$0	\$600,000
Total Budget			\$0	\$0	\$0	\$3,090,500	\$3,040,000	\$0	\$0	\$0	\$0	\$0	\$6,130,500

Description:

This project will provide for pre-design, design, permitting, utility coordination and construction of a new 3.5 million gallon reservoir and additional booster pump capacity at the existing Westland Reservoir site. These additions will help to meet further growth demands north of the CAP canal and west of the Agua Fria River.

Justification:

The Westland Reservoir and Booster Station - Phase I project is being completed as part of a joint development agreement with local developers. At this time, only booster capacity and storage determined to be needed in the next five years is being constructed. Phase II will focus on adding additional pump capacity and storage to meet new development in the Saddleback Heights area as demand requires.

CAPITAL PROJECT DETAIL

Water

White Mountain Apache Tribe Water Rights Purchase

Project Number: UT00234

Project Location: CAP Canal

Live Peoria Goal: Smart Growth

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Other	Water Resource	Base	\$0	\$0	\$1,850,000	\$560,000	\$530,000	\$500,000	\$480,000	\$0	\$0	\$0	\$3,920,000
Total Budget			\$0	\$0	\$1,850,000	\$560,000	\$530,000	\$500,000	\$480,000	\$0	\$0	\$0	\$3,920,000

Description:

This project addresses a potential future shortage of renewable water resources as identified in the 2015 Integrated Water Utilities Master Plan. This project will purchase an additional 1,289 acre-feet of White Mountain Apache Tribe water.

Justification:

This project addresses water resource needs as identified in the 2015 Integrated Water Utilities Master Plan. Purchase of this supply depends on completion of negotiations between the federal government and the White Mountain Apache Tribe and approval by Congress.

CAPITAL PROJECT DETAIL

Water

Zone 1/2 PRV Upgrades (91st and Cactus)

Project Number: UT00261

Project Location: 91st Av and Cactus Rd

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Construction	Water Fund	Base	\$1,700,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,700,000
Construction	Water Fund	Carryover	\$25,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$25,000
Total Budget			\$1,725,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,725,000

Total Operating Impacts	\$0	\$5,400	\$5,400	\$5,400	\$5,400	\$5,400	\$5,400	\$5,400	\$5,400	\$5,400	\$5,400	\$48,600
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Description:

Project includes the abandonment and demolition of two existing pressure reducing valve (PRV) stations located on the southwest and southeast corners at 91st Avenue and Cactus Road. A new PRV station, located in a concrete vault, will be installed on the northeast corner of the intersection. The new PRV will serve the function of both existing PRV's.

Justification:

The City's Water Services Department requires the abandonment and demolition of two small pressure reducing valve (PRV) stations at the 91st and Cactus intersection that are not to current city standards. A PRV is needed at the intersection to allow drinking water to flow between two pressure zones (1 and 2). By removing the older, substandard PRV's the City can construct one new PRV station that is much more efficient and safe for maintenance staff.

CAPITAL PROJECT DETAIL

Water

Zone 2/3 Booster Station

Project Number: UT00516

Project Location: 91st Av and Greenway Rd

Live Peoria Goal: Superior Public Services

Category	Funding Source	Carryover / Base	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total
Arts	Water Fund	Base	\$0	\$0	\$0	\$0	\$0	\$3,500	\$35,000	\$0	\$0	\$0	\$38,500
Construction	Water Fund	Base	\$0	\$0	\$0	\$0	\$0	\$0	\$3,500,000	\$0	\$0	\$0	\$3,500,000
Design	Water Fund	Base	\$0	\$0	\$0	\$0	\$0	\$350,000	\$0	\$0	\$0	\$0	\$350,000
Total Budget			\$0	\$0	\$0	\$0	\$0	\$353,500	\$3,535,000	\$0	\$0	\$0	\$3,888,500

Description:

This project will provide for design and construction of a new 1.5 million gallons per day (MGD) booster pump station facility that will move water from Pressure Zone 2 to Pressure Zone 3. In addition, a new dedicated Pressure Zone 3 waterline will be constructed down 91st Avenue. Constructing this site will allow for greater flexibility in using more of our SRP surface water and providing area redundancy.

Justification:

Providing redundancy between pressure zones is important to ensuring an efficient water system. In addition, the Principles of Sound Water Management document has identified the need to utilize more of our Greenway SRP surface water.