

RESOLUTION NO. 2023-07

A RESOLUTION OF THE HEBER PUBLIC UTILITY DISTRICT ADOPTING A FIVE-YEAR PROGRAM OF PROJECTS FOR CAPITAL IMPROVEMENT FOR FISCAL YEAR 2023-24

WHEREAS, the General Manager has submitted the Five-Year Capital Improvement Program of Projects for FY 2023-24 to the Board of Directors for review and consideration, and

WHEREAS, the Five-Year Program of Projects for Capital Improvement is based upon public comment and direction of the Board of Directors received at scheduled public meetings, and

WHEREAS, the Five-Year Program of Projects for Capital Improvement is based upon the recently adopted Strategic Plan and includes projects that meet Goal A - Advocate for quality growth and development in Heber; and

WHEREAS, the Five-Year Program of Projects for Capital Improvement is based upon the recently adopted Strategic Plan and includes projects that meet Goal C - Expand parks and recreation facilities and services; and

WHEREAS, the Five-Year Program of Projects for Capital Improvement is based upon the recently adopted Strategic Plan and includes projects that meet Goal D Improve and sustain Heber Public Utility District facilities and services; and

WHEREAS, in said fiscal year beginning July 1, 2023, the Five-Year Program of Projects for Capital Improvement is attached to this Resolution as Exhibit A; and

NOW, THEREFORE, THE BOARD OF DIRECTORS OF THE HEBER PUBLIC UTILITY DISTRICT, DOES HEREBY RESOLVE AS FOLLOWS:

1. That the foregoing is true, correct and adopted.
2. That the Board of Directors finds that the Fiscal Year 2023-24 Five-Year Program of Projects for Capital Improvements reflects the District's Capital needs for the current Fiscal Year and the next five years.
3. That the Board of Directors of the Heber Public Utility District does hereby adopt this Resolution approving the Five-Year Capital Improvement Program of Projects as set forth.
4. That the President of the Board of Directors of the Heber Public Utility District is hereby authorized to sign said Resolution, a copy of which is on file at the District office.

PASSED AND ADOPTED at a regular meeting of the Board of Directors of the Heber Public Utility District held on the 17th day of August 2023.

Tony Sandoval, Board President

ATTEST:

Moises G. Cardenas, Clerk of the Board

APPROVE AS TO FORM:

Steven M. Walker, General Counsel

STATE OF CALIFORNIA)
COUNTY OF IMPERIAL)
HEBER PUBLIC UTILITY)
DISTRICT)

I, Moises Cardenas, Clerk of the Board of the Heber Public Utility District, County of Imperial, State of California, DO HEREBY CERTIFY that the foregoing resolution was dully passed, approved and adopted by the Board of Directors of the Heber Public Utility District at its regularly scheduled meeting held on the 17th day of August 2023.

By _____
Moises G. Cardenas, Clerk of the Board

CAPITAL IMPROVEMENT PROJECTS FY 2023-24

Adopted Via Resolution 2023-07

CAPITAL IMPROVEMENT PROJECTS		Project Schedule 2023-24
<i>PARKS DEPARTMENT</i>		<i>FY 2023-24</i>
<i>Children's Park</i>	<i>Replace 40+ year old play equipment, shade structures, benches and tables , restrooms and Splash Pad</i>	<i>1,526,694</i>
<i>Estancia Park</i>	<i>Replace Sprinkler System to improve grass and make improvements to retention basin area</i>	<i>130,374</i>
<i>Correll Basin</i>	<i>'Rehab Retention Basin to allow drainage and install a park, walking path, lights, garden, and signage.</i>	<i>315,913</i>
<i>TOTAL PARKS PROJECTS FOR FY 2023-24</i>		<i>\$1,972,981</i>

<i>WATER DEPARTMENT</i>		<i>FY 2023-24</i>
<i>Water Lines Rockwood to Pitzer</i>	<i>Install water lines on the north side of Highway 86 east of Rockwood Ave. to connect existing 8" lines west to Pitzer Road. Loop water lines and improve service and water quality.</i>	<i>199,000</i>
<i>Water Lines Heffernan to HWY 86</i>	<i>Install 1900' of 20" ACP pipeline from WTP down alley behind Ingram East to Heffernan Ave then North to HWY 86.</i>	<i>472,960</i>
<i>Water Treatment Plant Clarifier</i>	<i>System upgrades for Clarifier 1 and 2</i>	<i>750,000</i>
<i>Repair Relocate Water Lines in Courts</i>	<i>Repair and relocate water lines in the Courts. Lines are inferior quality and are breaking. Line to fire hydrant are located on private property.</i>	<i>2,119,450</i>

CAPITAL IMPROVEMENT PROJECTS FY 2023-24

Adopted Via Resolution 2023-07

CAPITAL IMPROVEMENT PROJECTS		Project Schedule 2023-24
	<i>TOTAL WATER PROJECTS FOR FY 2023-24</i>	\$3,541,410

<i>WASTEWATER DEPARTMENT</i>		<i>FY 2023-24</i>
<i>Wastewater Treatment Plant Upgrade</i>	<i>Upgrade to Wastewater Treatment Plant to include updated facilities and software.</i>	<i>675,000</i>
<i>Manhole Project</i>	<i>Wastewater Manholes Improvement Project</i>	<i>22,389</i>
	<i>TOTAL WASTEWATER PROJECTS FOR FY 2023-24</i>	\$697,389



HPUD Five Year Capital Improvement Project List

Presented to BOD for approval on August 17, 2023

WATER DISTRIBUTION

UNFUNDED		Water Distribution Lines								
Will work with Developer and/or seek outside funding	Potable Water Distribution Lines (Cost estimates and project development is approximate and updated in 2016) Total Project Cost \$ 871,000	Project Cost Estimate	Project Schedule FY 22-23	Project Schedule FY 23-24	Project Schedule FY 24-25	Project Schedule FY 25-26	Project Schedule FY 26-27	LONG TERM 6-10 YRS	Project Totals	
	Project Components									
	Application & follow-ups	15,000						15,000	15,000	
	Engineering Design	120,000						12,000	12,000	
	Planning (CUP, ND,Env, Application)	20,000						20,000	20,000	
	Bidding & Construction	24,000						24,000	24,000	
	Construction, Inspection Adm & Survey & Contingency	800,000						800,000	800,000	
	TOTAL	979,000	-	-	-	-	-	871,000	871,000	

UNFUNDED		Water Distribution Lines								
Apply for USDA Colonia Funds Delayed due to COVID	Install water lines on the north side of Highway 86 east of Rockwood Ave. to connect existing 8" lines west to Pitzer Road. Loop water lines and improve service Total Project Cost \$ 199,000	Project Cost Estimate	Project Schedule FY 22-23	Project Schedule FY 23-24	Project Schedule FY 24-25	Project Schedule FY 25-26	Project Schedule FY 26-27	LONG TERM 6-10 YRS	Project Totals	
	Project Components									
	Engineering Design	120,000		10,000					10,000	
	Bidding & Construction	24,000		175,000					175,000	
	Construction, Inspection Adm & Survey & Contingency	800,000		14,000					14,000	
	TOTAL	944,000	-	199,000	-	-	-	-	199,000	

UNFUNDED		Water Distribution Lines								
Apply for USDA Colonia Funds Have Not Submitted Application	Repair and relocate water lines in the Courts. Lines are inferior quality and are breaking. Line to fire hydrant are located on private property. Total Project Cost \$ 2,119,450	Project Cost Estimate	Project Schedule FY 22-23	Project Schedule FY 23-24	Project Schedule FY 24-25	Project Schedule FY 25-26	Project Schedule FY 26-27	LONG TERM 6-10 YRS	Project Totals	
	Project Components									
	Engineering Design	120,000		112,000					112,000	
	Bidding & Construction Management	24,000		198,000					198,000	
	Construction, Inspection Adm & Survey & Contingency	800,000		1,809,450					1,809,450	
	TOTAL	944,000	-	2,119,450	-	-	-	-	2,119,450	

GRANT FUNDED		Water Distribution Lines								
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DWR Urban and Multibenefit Drought Grant Program	Install 1,900 feet of 20" ACP pipeline from WTP down alley behind Ingram east to Heffernan Avenue then North to HWY 86 Awarded \$542,200.00 *Currently waiting for grant agreement	Total Project Cost	Project Cost Estimate	Project Schedule FY 22-23	Project Schedule FY 23-24	Project Schedule FY 24-25	Project Schedule FY 25-26	Project Schedule FY 26-27	LONG TERM 6-10 YRS	Project Totals
		\$ 542,000								
Project Components										
	Engineering Design	64,040	120,000	64,040						64,040
	Bidding & Construction Management	32,520	24,000	5,000	27,520					32,520
	Construction, Inspection Adm & Survey & Contingency	445,440	800,000		445,440					445,440
	TOTAL	542,000	944,000	69,040	472,960	-	-	-	-	542,000

Agreement signed in
April 2023

UNFUNDED	Water Plant Upgrades									
POSSIBLE GRANT for COMPONENTS IN 2023-24	SYSTEM UPGRADES AT WTP CLARIFIER #1 AND #2 BACKWASH PUMP STATION FLOW METER RELOCATION	Total Project	Project Cost Estimate	Project Schedule FY 22-23	Project Schedule FY 23-24	Project Schedule FY 24-25	Project Schedule FY 25-26	Project Schedule FY 26-27	LONG TERM 6-10 YRS	Project Totals
		\$ 1,161,154								
Project Components										
Clarifier #1 was completed on Jan 21, 2023	Clarifier #1			181,480						181,480
	Sun Blast Clean & Pain Underdrain			105,100						105,100
	SCADA Upgrade				250,000					250,000
	Backwash Pump Purchase New and Flow Meter - Relocation -OR add a pump			110,000						110,000
	5.0% Contingency		800,000		14,574	-				14,574
	TOTAL	1,161,154	800,000	411,154	750,000	-	-	-	-	1,161,154

UNFUNDED	Water Distribution									
Possible partial Colonia Funded	Upgrade of entire water meter system, including meters, software system, and radio connectivity points	Total Project Cost	Project Cost Estimate	Project Schedule FY 22-23	Project Schedule FY 23-24	Project Schedule FY 24-25	Project Schedule FY 25-26	Project Schedule FY 26-27	LONG TERM 6-10 YRS	Project Totals
		\$ 806,028								
Project Components										
	Meter/Radios/Leak Detection	670,573	120,000	-			670,573			670,573
	Infrastructure/Install	60,994					60,994			60,994
	Software	36,174	24,000	-			36,174			36,174
	5.0% Contingency for budget purposes	38,287	800,000	-			38,287			38,287
	TOTAL	806,028	944,000	-	-	-	806,028	-	-	806,028



HPUD Five Year Capital Improvement Project List

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WASTEWATER DEPARTMENT

Funding Source	Project Name	Project Total Cost	Project Schedule FY 22-23	Project Schedule FY 23-24	Project Schedule FY 24-25	Project Schedule FY 25-26	Project Schedule FY 26-27	LONG TERM 6-10 YRS	Project Totals
	Wastewater Tertiary Water Treatment Project	\$ 8,593,324							
UNFUNDED	Secondary Treatment for Wastewater water to use as Parks Irrigation and sale to Ormat.	Project Total Cost							Project Totals
Possible Grant and/or funding the Project with Ormat Contribution.	<i>Project Components</i>								
	Application - costs	25,000						25,000	25,000
	0.0% Engineering and Design	586,872						586,872	586,872
	0.0% Bidding	36,680						36,680	36,680
	0.0% Engineering- Staking, Geo & Elec	22,008						22,000	22,000
	8.0% Construction Management	586,872						586,872	586,872
	Construction Costs	6,669,000						6,669,000	6,669,000
	10.0% Contingency	666,900						666,900	666,900
	TOTAL	8,593,332						8,593,324	8,593,324
	Manhole Repair / Replace Project	\$ 428,685							
FUNDED VIA RESERVE RESO 2022	Manhole Repair / Replace Project	Project Total Cost							Project Totals
<i>Manhole repair/replacement project funded in each Fiscal Year</i>	<i>Wastewater Manholes Improvement Project MOVED FROM 2020-21 TO 2021-22 (8/20/20) This project was bid on June 8th, 2022. The project is before the Board for award on June 16, 2022.</i>	Project Total Cost							Project Totals
	<i>Project Components</i>								
	Engineering and Design	30,000	7,611	19,389					30,000
	Bidding	4,916	1,916	3,000					4,916
	Traffic Control	16,585							16,585
	Construction Costs	336,616	168,308		168,308				336,616
	Construction Management	15,322	15,322						15,322
	5.0% Contingency for budget purposes only	25,246	8,415		16,831				25,246
		TOTAL	428,685	218,157	22,389	185,139			428,685
	Lift Station Improvement Projects	\$ 300,000							
UNFUNDED	Lift Station Improvement Projects	Project Total Cost							Project Totals
<i>Wastewater Funds</i>	<i>Lift Station Improvements</i>	Project Total Cost							Project Totals
	<i>Project Components</i>								
	Engineering and Design & Bidding				10,000	10,000	10,000		30,000
	Construction Costs				86,150	86,150	86,150		258,450
	5.0% Contingency for budget purposes only				3,850	3,850	3,850		11,550
	TOTAL				100,000	100,000	100,000		300,000



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WASTEWATER DEPARTMENT

GRANT UNFUNDED		Wastewater Improvements & Upgrades		\$ 5,625,000										
POSSIBLE USDA GRANT ALONG SIDE COMMUNITY RESILIENCE GRANT		UPGRADE TO WWTP		Project Total Cost		Project Schedule FY 22-23	Project Schedule FY 23-24	Project Schedule FY 24-25	Project Schedule FY 25-26	Project Schedule FY 26-27	LONG TERM 6-10 YRS	Project Totals		
		<i>Project Components</i>												
Wastewater Funds		ENGINEERING / PROJECT DESIGN / BID / CM 15%					675,000					675,000		
		Relocate Electrical/Control Panels at Headworks building to new building						1,300,000					1,300,000	
		Additional Drying Beds						300,000					300,000	
		Upgrade of Laboratory and Office Building						300,000					300,000	
		Upgrade Scada System						200,000					200,000	
		Rehabilitate Headworks Building Equipment and Piping						400,000						400,000
		Additional Odor Control for Headworks Building						300,000						300,000
		Replace Electrical/Control for Regional Pump Station						400,000						400,000
		Rehabilitate Influent Channel						100,000						100,000
		Rehabilitate the Aerotor Treatment Units						500,000						500,000
		Rabilitate UV System						100,000						100,000
		New Shop Building for Parts and Supply Storage						600,000						600,000
		10.0% Contingency for Budget Purposes						450,000						450,000
		TOTAL		0			675,000	4,950,000				5,625,000		



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UNFUNDED	PARKS DEPARTMENT								
Funding Source	Jiggs Johnson Park		\$ 150,100						
Heber Meadows CFD Anticipated \$13,000 per year for Maintenance Only -	Restrooms at Jiggs Johnson Park	Project Cost	Project Schedule FY 22-23	Project Schedule FY 23-24	Project Schedule FY 24-25	Project Schedule FY 25-26	Project Schedule FY 26-27	LONG TERM 6-10 YRS	Project Totals
		\$ 150,100							
	<i>Project Components</i>								
PROJECT NOT FUNDED IN SPP Grant Application in 2021.	Admin Costs - Design Engineering	12,500				12,500			12,500
	Construction - Install	125,000				125,000			125,000
	CM	7,600				7,600			7,600
	Permits	5,000				5,000			5,000
	TOTAL	\$ 150,100		0	0	150,100		0	150,100



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GRANT FUNDED		PARKS DEPARTMENT							
Funding Source	Children's Park								
STATEWIDE PARK PROGRAM GRANT AWARDED FOR \$700K	Replace 40+ year old play equipment, shade structures, benches and tables & RESTROOMS & SPLASH PAD <i>AWARDED STATE PARKS GRANT \$700,000 Additional Funds authorized Per Capita \$178K</i>	Total Project Cost	Project Schedule FY 22-23	Project Schedule FY 23-24	Project Schedule FY 24-25	Project Schedule FY 25-26	Project Schedule FY 26-27	LONG TERM 6-10 YRS	Project Totals
			\$ 1,908,694						
<p>HPUD MUST FUND ANY AMOUNT OVER \$700,000+ 178,000=\$878,000</p> <p><i>Reserve should include known amount over \$878K</i></p> <p><i>At the May 2021 BOD Meeting, the Board approved the allocation of Per Capita Funds \$178,000 for this project bringing the total project budget to \$878,000. The lowest bid came in at 1.6 million. The construction companies that bid have accepted to hold that bid until September 1st, 2022. HPUD is seeking additional funds from other sources.</i></p>	Project Components								
	Mobilization of the Project	96,300		96,300					96,300
	Demolition and Adjustment of Existing Facilities-Earthwork	43,170		43,170					43,170
	Site Utility-Sanitary Sewer and Water Piping and Facilities	53,000		53,000					53,000
	Site Grading and Civil Improvements-Concrete Infrastructure, Pad, and Sidewalk	91,445		91,445					91,445
	Irrigation and Lawn Repair	26,500		26,500					26,500
	Electrical Work	145,000		145,000					145,000
	Site Furnishings	49,484		49,484					49,484
	Restroom/Mechanical Room Building	214,000		214,000					214,000
	Sprayground	635,000	200,000	435,000					635,000
	Shade Structure	67,000		67,000					67,000
	Playground and Safe Rubber Surface	115,000		115,000					115,000
	Construction Staking, Survey Work, and Geotechnical Testing	30,000		30,000					30,000
	On-site parking including Driveway and Access Path	50,000		50,000					50,000
	Design	107,000	107,000						107,000
Bidding	20,000	20,000						20,000	
Construction Management	60,000	30,000	30,000					60,000	
Permits	25,000	25,000						25,000	
5% Contingency	80,795		80,795					80,795	
TOTAL	\$ 1,908,694	382,000	1,526,694				0	1,908,694	

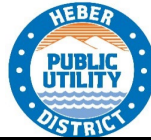


HPUD Five Year Capital Improvement Project List

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GRANT FUNDED	PARKS DEPARTMENT									
Funding Source	Estancia Park									
<i>DWR Urban and Multibenefit Drought Grant Program</i>	Replace Sprinkler System to improve grass and make improvements to retention basin area		Total Project Cost	Project Schedule FY 22-23	Project Schedule FY 23-24	Project Schedule FY 24-25	Project Schedule FY 25-26	Project Schedule FY 26-27	LONG TERM 6-10 YRS	Project Totals
			\$ 130,374							
Project Components										
		Sprinklers	54,374		54,374					54,374
		Tucor Link System	60,000		60,000					60,000
		Administration	16,000		16,000					16,000
		TOTAL	\$ 130,374	0	130,374					130,374

GRANT FUNDED	PARKS DEPARTMENT									
Funding Source	Correll Basin									
<i>February 2022- HPUD Awarded \$1.6 million dollars from State Parks. HPUD still has 80k from reserves allocated to the basin. Extension to complete to 2028.</i>	Rehab Retention Basin to allow drainage and install a park, walking path, lights, garden, basketball courts, and signage.		Total Project Cost	Project Schedule FY 22-23	Project Schedule FY 23-24	Project Schedule FY 24-25	Project Schedule FY 25-26	Project Schedule FY 26-27	LONG TERM 6-10 YRS	Project Totals
			\$ 1,998,719							
Project Components										
		Non-Construction	395,913	80,000	315,913					395,913
		Construct a bio retention basin	653,141			315,913	337,228			653,141
		Construct elevated play area	408,925				408,925			408,925
		Construct area for sporting activities	275,000				275,000			275,000
		Construct a 5' wide walkway	148,750				148,750			148,750
		10% Contingency for budget purposes	116,990				116,990			116,990
		TOTAL	\$ 1,998,719	80,000	315,913	315,913	1,286,893		0	1,998,719



HPUD Five Year Capital Improvement Project List

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NOT FUNDED		PARKS DEPARTMENT								
Funding Source		Landscape Over Dogwood Canal east side of Dogwood between Highway 86 and Correll Road								
No known funding source identified Possible APCD funds or AB 617		Install zero scape on the dirt area over the Dogwood Canal between Highway 115 and Correll Road	Total Project Cost	Project Schedule FY 22-23	Project Schedule FY 23-24	Project Schedule FY 24-25	Project Schedule FY 25-26	Project Schedule FY 26-27	LONG TERM 6-10 YRS	Project Totals
			\$ 280,000							
		Project Components								
		Non-Construction	0			5,000				5,000
		Construction	0				250,000			250,000
		Contingency	0	0			25,000			25,000
		TOTAL	\$ -	0	0	5,000	275,000		0	280,000

GRANT FUNDED		PARKS DEPARTMENT								
Funding Source		Recreation Center								
USDA Community Facilities Grant		Construct shade, handwashing station, and related items behind the recreation center	Total Project Cost	Project Schedule FY 22-23	Project Schedule FY 23-24	Project Schedule FY 24-25	Project Schedule FY 25-26	Project Schedule FY 26-27	LONG TERM 6-10 YRS	Project Totals
			\$ 61,454							
		Project Components								
		Non-construction	5,000	5,000						5,000
		Construction	50,867	50,867						50,867
		5% Contingency	5,587	5,587						5,587
		TOTAL	\$ 61,454	61,454						61,454



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UNFUNDED		Water/Sewer/Parks - GENERAL PROJECTS									
Funding Source	NEW SHOP	\$ 505,000		Project Schedule	Project Schedule	Project Schedule	Project Schedule	Project Schedule	LONG TERM	Project Totals	
Water Sewer Parks	NEW Shop for all departments	Project Cost		FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	6-10 YRS		
			\$ 505,000								
		Project Components									
		15% Admin -	5000							5,000	5,000
	Purchase Price	500000							500,000	500,000	
	TOTAL	505,000		0					505,000	505,000	