

Heber Public Utility District Report to the Board of Directors

MEETING DATE: June 21, 2018

FROM: Laura Fischer, General Manager

SUBJECT: Information Only Regarding the Five Year Capital Improvement Program of Project List

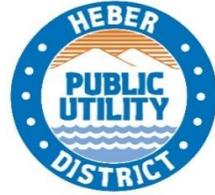
INFORMATION ONLY:

The District's Capital Improvement Budget reflects the current and future needs of the District. Staff has developed projects with estimated cost in anticipation of new regulations, population growth projections, and other demands on our District. Staff would like to initiate discussion on capital project priorities so that they can modify the capital improvement budget accordingly. The CIP budget will be brought back to the Board for further action in July 2018.

Staff will bring the spreadsheets to the meeting for additional information.

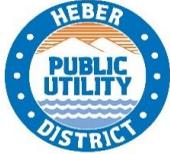
Respectfully Submitted,

Laura Fischer
General Manager



CAPITAL IMPROVEMENT PROJECTS FY 2018-19

CAPITAL IMPROVEMENT PROJECTS	Project Schedule 2018-19
Water System Improvement Projects	
Water Distribution Line Improvements	155,000
Wastewater System Improvement Projects	
Manholes Rehabilitation Project	100,300
TOTAL	100,300
Parks Department Improvements	
Recreation Facility at Littlefield & Bloomfield (IID Grant \$75,000)	250,000
Children's Park - New Play Equip. Splash Pad, Restrooms, Benches and Shade	78,000
Jiggs Johnson Park -Restrooms, Security lights & benches	114,200
TOTAL	442,200
General All Fund Improvement	
Water and Sewer Master Plan (CDBG Grant \$100,000)	150,000
Upgrades Shop at Ingram Ave.	200,000
TOTAL	350,000
TOTAL BUDGET	1,047,500
EXPENDED - PROJECTS COMPLETED FY 17-18	1,222,311



HPUD Five Year Capital Improvement Project List

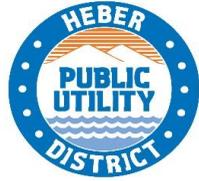
Draft Presented to HPUD BOD on June 21, 2018

WATER DEPARTMENT

Funding Source	Water Plant Improvement Project	\$ 670,209									
State Revolving Fund Finance Agreement Signed April 2015	Water Plant Improvements - Description TTHM Compliance Project Expansion to 4 MGD High Service Pump Station Fire Flow	Previous FY Expenditures 2008-2017	Project Cost Estimate	Project Schedule FY 17-18	Project Schedule FY 18-19	Project Schedule FY 19-20	Project Schedule FY 20-21	Project Schedule FY 21-22	LONG TERM 6-10 YRS	Project Totals	
Project will be 100% financed with SRF. \$5MD grant \$4.5MD loan. HPUD will be reimbursed for 100% of funds expended in prior FY.	Project Components										
	Previous Year Eng & Design & Construction	10,389,378									0
	Bidding & Advertisement										0
	Labor compliance		20,000	4,641							4,641
	Admin & Legal		15,000								0
	Design		247,215								0
	Other Planning & Design		50,000								0
	Construction Staking		30,000	3,000							3,000
	Construction Management		538,629	66,000							66,000
	Geotechnical & Testing		38,474								0
	Electrical Inspection		76,947								0
	Contingency		734,735								0
	Construction Costs		8,099,000	596,568							596,568
TOTAL		10,389,378	9,850,000	670,209						670,209	
CUMMULATIVE TOTAL:				11,059,587							

WATER DISTRIBUTION

UNFUNDED	Water Distribution Lines	\$ 979,000								
Will work with Developer and/or seek outside funding.	Potable Water Distribution Lines and Pressure Reducing Valves (Cost estimates are very approximate and updated in 2016)	Previous FY Expenditures	Project Cost Estimate	Project Schedule FY 17-18	Project Schedule FY 18-19	Project Schedule FY 19-20	Project Schedule FY 20-21	Project Schedule FY 21-22	LONG TERM 6-10 YRS	Project Totals
Project Components										
	Application & follow-ups		15,000		15,000					15,000
	Engineering Design		120,000		120,000					120,000
	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			400,000	400,000			800,000
TOTAL			979,000		155,000	424,000	400,000	-	-	979,000



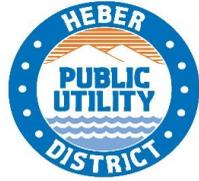
HPUD Five Year Capital Improvement Project List

Draft Presented to HPUD BOD on June 21, 2018

WASTEWATER DEPARTMENT

Funding Source	Wastewater Tertiary Water Treatment Project	\$ 8,593,332								
UNFUNDED	Secondary Treatment for Wastewater water to use as Parks Irrigation and sale to Ormat.	Project Total Cost	Project Schedule FY 16-17	Project Schedule FY 17-18	Project Schedule FY 18-19	Project Schedule FY 19-20	Project Schedule FY 20-21	Project Schedule FY 21-22	LONG TERM 6-10 YRS	Project Totals
Project Components										
Possible Grant and/or funding the Project with Ormat Contribution.	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				22,008				22,008
	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
18.0% TOTAL	8,593,332			0	670,560	7,922,772			8,593,332	

Funding Source	Manhole Repair / Replace Project	\$ 498,910								
Manhole repair/replacement project funded in each Fiscal Year	Wastewater Manholes Improvement Project: 1st Phase 3 Manholes completed in 15-16. 2nd Phase 10 Manholes in FY 16-17. Continue to budget annually	PRIOR YEAR PROJECT Expended	Project Schedule FY 16-17	Project Schedule FY 17-18	Project Schedule FY 18-19	Project Schedule FY 19-20	Project Schedule FY 20-21	Project Schedule FY 21-22	LONG TERM 6-10 YRS	Project Totals
Project Components										
Wastewater Funds	Engineering and Design	10,000	8,000	5,000	5,000	5,000	5,000	5,000		25,000
	Bidding	10,000	5,000	5,000	5,000	5,000	5,000	5,000		25,000
	Construction Costs	156,289	79,710	78,145	86,000	86,000	86,000	86,000		422,145
	5.0% Contingency for budget purposes only	19,130	0	9,565	4,300	4,300	4,300	4,300		26,765
	TOTAL	380,839	92,710	97,710	100,300	100,300	100,300	100,300		498,910



HPUD Five Year Capital Improvement Project List

Draft Presented to HPUD BOD on June 21, 2018

WASTEWATER DEPARTMENT

Funding Source	Lift Station Improvement Projects	\$ 400,000								
Wastewater Funds	Lift Station Improvements at 6th Street	PRIOR YEAR PROJECT Expended	Project Schedule FY 16-17	Project Schedule FY 17-18	Project Schedule FY 18-19	Project Schedule FY 19-20	Project Schedule FY 20-21	Project Schedule FY 21-22	LONG TERM 6-10 YRS	Project Totals
	Project Components									
	Engineering and Design & Bidding			10,000						10,000
	Construction Costs			86,150						86,150
	5.0% Contingency for budget purposes only			3,850						3,850
	TOTAL		0	100,000						100,000
	Lift Station Improvements (Various) done in 17-18	PRIOR YEAR PROJECT Expended	Project Schedule FY 16-17	Project Schedule FY 17-18	Project Schedule FY 18-19	Project Schedule FY 19-20	Project Schedule FY 20-21	Project Schedule FY 21-22	LONG TERM 6-10 YRS	Project Totals
	Project Components									
	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		0			100,000	100,000	100,000		300,000
Funding Source	Influent Pump Station at Wastewater Treatment Plant	\$ 115,393								
NEW PROJECT ADDED BY BOD IN MAY 2017	Influent Pump Station at Wastewater Treatment Plant	PRIOR YEAR PROJECT Expended	Project Schedule FY 16-17	Project Schedule FY 17-18	Project Schedule FY 18-19	Project Schedule FY 19-20	Project Schedule FY 20-21	Project Schedule FY 21-22	LONG TERM 6-10 YRS	Project Totals
Wastewater Funds	Project Components									0
Project Added by Board in May 2017. Funding from Fund Balance	Engineering and Design & Bidding			10,000						10,000
	Construction Costs			96,500						96,500
	5.0% Contingency for budget purposes only			8,893						8,893
	TOTAL		0	115,393						115,393



HPUD Five Year Capital Improvement Project List

Draft Presented to HPUD BOD on June 21, 2018

FULLY FUNDED

PARKS DEPARTMENT

Funding Source

HPUD Committed \$100,000 in Solid Waste Funds, Park Reserve Funds of \$129,000 (BOD Action 6/15/17) and Community Benefit Grant from Imperial County at \$10,000.
TOTAL FUNDS: 239,000

Tito Huerta Park \$ 439,000

Soccer Field Lights in Park of Tito Park -	Project Cost	Project Schedule FY 17-18	Project Schedule FY 18-19	Project Schedule FY 19-20	Project Schedule FY 20-21	Project Schedule FY 21-22	LONG TERM 6-10 YRS	Project Totals
	\$ 239,000							
Project Components								
15% Admin - Engineering - CM	5,960	5,960						5,960
Environmental	0							0
Construction	233,040	233,040						233,040
TOTAL	239,000	239,000	0	0	0	0	0	239,000

UNFUNDED

Funding Source

Park and Recreation Funds - General Property Taxes

Resident Request for a Basketball court at the cement slab. And Possible Playground \$ 200,000

Resident Request for a Basketball court at the cement slab. And Possible Playground	Project Cost	Project Schedule FY 17-18	Project Schedule FY 18-19	Project Schedule FY 19-20	Project Schedule FY 20-21	Project Schedule FY 21-22	LONG TERM 6-10 YRS	Project Totals
	\$ 200,000							
Project Components								
Install Playground at Tito	120,000						120,000	120,000
Construction of a Basketball court	80,000						80,000	80,000
TOTAL	200,000						200,000	200,000

PARTIAL FUNDING

PARKS DEPARTMENT

Funding Source

Heber Meadows CFD Anticipated \$16,000 per year for Maintenance Only - Parks Reserve Funds established at \$225,000

Jiggs Johnson Park \$ 114,200

Install Solar Area Lighting Shade Structures and Tables/Benches	Project Cost	Project Schedule FY 17-18	Project Schedule FY 18-19	Project Schedule FY 19-20	Project Schedule FY 20-21	Project Schedule FY 21-22	LONG TERM 6-10 YRS	Project Totals
	\$ 114,200							
Project Components								
Admin Costs - Design Engineering	4,000		4,000					4,000
Construction - Install	20,000		20,000					20,000
Area Lights Purchase	70,200		70,200					70,200
Shade Structure over Tables	20,000		20,000					20,000
TOTAL	\$ 114,200	0	114,200					114,200

PROJECT INCLUDED IN CAPITAL RESERVES FOR FY 2016-17 Project Awarded July 2017



HPUD Five Year Capital Improvement Project List

Draft Presented to HPUD BOD on June 21, 2018

CAPITAL RESERVES		PARKS DEPARTMENT								
Funding Source	Children's Park	\$ 500,000								
Property Taxes from TRA 006-002 Used for Maintenance of Parks	Replace 40+ year old play equipment, shade structures, benches and tables & RESTROOMS & SPLASH PAD SPLIT PROJECT IN PHASES	Total Project Cost	Project Schedule FY 17-18	Project Schedule FY 18-19	Project Schedule FY 19-20	Project Schedule FY 20-21	Project Schedule FY 21-22	LONG TERM 6-10 YRS	Project Totals	
		\$ 500,000								
Project Components										
PROJECT WAS NOT FUNDED IN RESERVES CORRELL ESTATE FUNDS COULD BE USED	Admin Costs	15,000						15,000	15,000	
	Replace Play Ground Equipment PHASE 1	75,000		75,000				0	75,000	
	Restrooms	80,000						80,000	80,000	
	Splash Pad	305,000						305,000	305,000	
	New Sidewalk PHASE 1	25,000		3,000				22,000	25,000	
	TOTAL	\$ 500,000		78,000				422,000	500,000	

CAPITAL RESERVES		PARKS DEPARTMENT								
Funding Source	Recreation Building at Littlefield Lot	\$ 250,000								
Property Taxes from TRA 006-002 Used for Maintenance of Parks Grant from IID \$75,000	Install a modular building on the corner of Littlefield and Bloomfield for Recreation Activities	Total Project Cost	Project Schedule FY 17-18	Project Schedule FY 18-19	Project Schedule FY 19-20	Project Schedule FY 20-21	Project Schedule FY 21-22	LONG TERM 6-10 YRS	Project Totals	
		\$ 250,000								
Project Components										
IID Grant for \$75,000	8% Admin & Legal Costs								0	
	7% Engineering Design	220,000		220,000					220,000	
	Construct and Install modular building	30,000		30,000					30,000	
TOTAL	\$ 250,000		0	250,000					250,000	



HPUD Five Year Capital Improvement Project List

Draft Presented to HPUD BOD on June 21, 2018

UNFUNDED

ALL FUNDS - GENERAL PROJECTS

Funding Source

New Office Building

\$1,210,000

All Funds
Water
Sewer
Trash
Parks

New Office Building		Project Cost	Project Schedule FY 17-18	Project Schedule FY 18-19	Project Schedule FY 19-20	Project Schedule FY 20-21	Project Schedule FY 21-22	LONG TERM 6-10 YRS	Project Totals
New Office Building Possible Location on Dogwood Rd. Property Owned by HPUD		\$1,210,000							
Project Components									
15%	Admin - Engineering					150,000			150,000
	Purchase Property			60,000					60,000
	Construction				1,000,000				1,000,000
TOTAL		1,210,000		60,000	1,150,000				1,210,000

FUNDED

Water/Sewer - Planning Capital Projects

Funding Source

Water and Sewer Master Plan

\$ 150,000

Water & Sewer Funds
Applied for \$100K
through County of
Imperial CDBG Funds
2017-18
Programmed Capacity
Fees of \$50K

Water and Sewer Master Plan		Project Cost	Project Schedule FY 17-18	Project Schedule FY 18-19	Project Schedule FY 19-20	Project Schedule FY 20-21	Project Schedule FY 21-22	LONG TERM 6-10 YRS	Project Totals
Water and Sewer Master Plan NEED TO MOVE TO 18-19		\$ 150,000							
Project Components									
15%	Bid - Administration	2000		2,000					2,000
	Water and Sewer Master Plan	48000		48,000					48,000
	Underground Utility Survey	100000		100,000					100,000
TOTAL		150,000	0	150,000	0	0			150,000

UNFUNDED

Water/Sewer/Parks - GENERAL PROJECTS

Funding Source

Upgrades to Shop at Ingram Ave MUST HAVE

\$ 200,000

Water 45%
Sewer 45%
Parks 10%
Split

Upgrades to Shop at Ingram Ave		Project Cost	Project Schedule FY 17-18	Project Schedule FY 18-19	Project Schedule FY 19-20	Project Schedule FY 20-21	Project Schedule FY 21-22	LONG TERM 6-10 YRS	Project Totals
Upgrade to Shop at Ingram Ave. Including new shade and expand usable area		\$ 200,000							
Project Components									
15%	Admin - Engineering	2500		2,500					2,500
	CM	5000		5,000					5,000
	Construction	192500		192,500					192,500
TOTAL		200,000		200,000	0	0			200,000