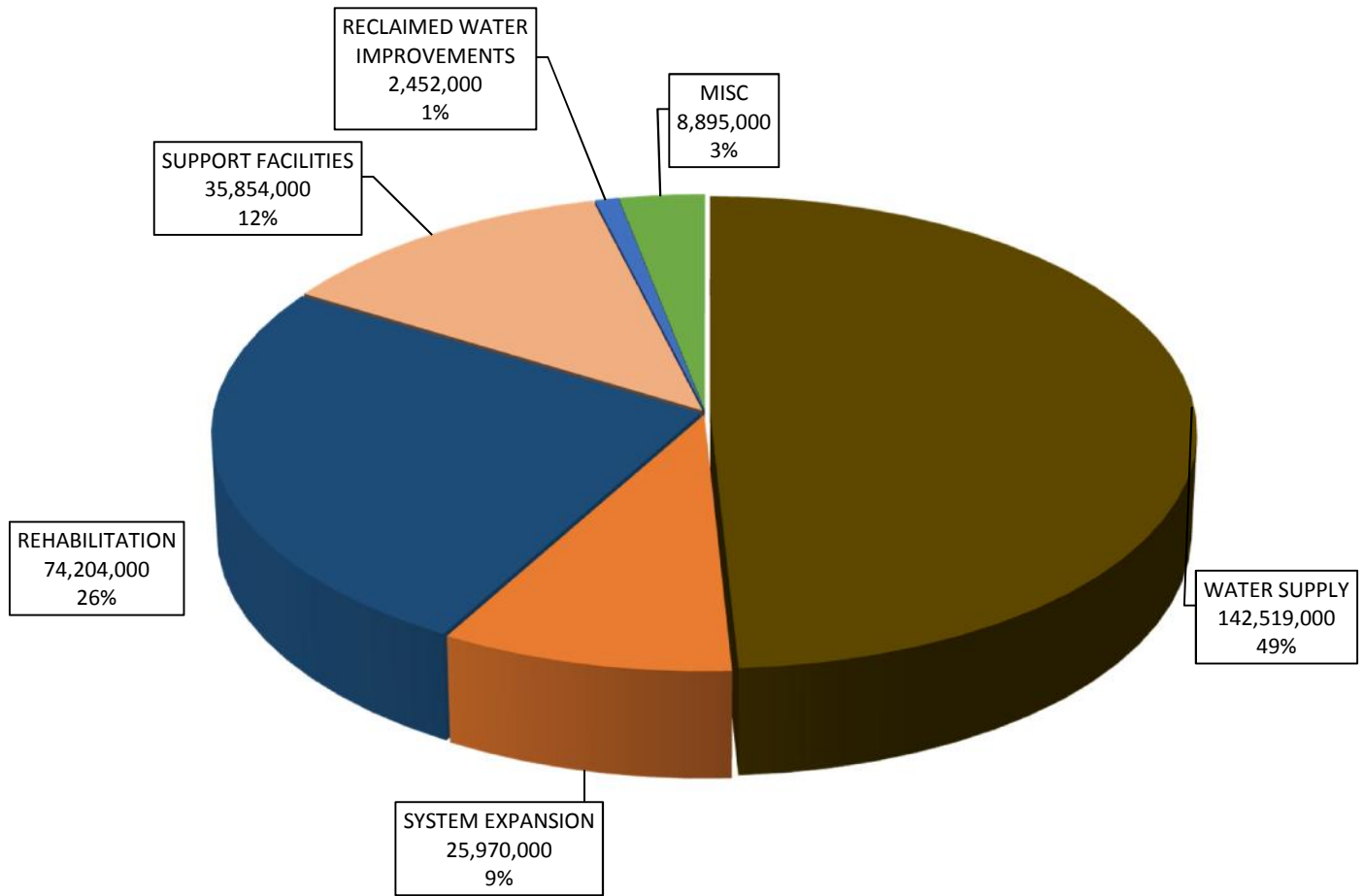


FY 2016-2017

CAPITAL BUDGET SUMMARY

Combined Water + Wastewater+Miscellaneous*
Projected Expenditures



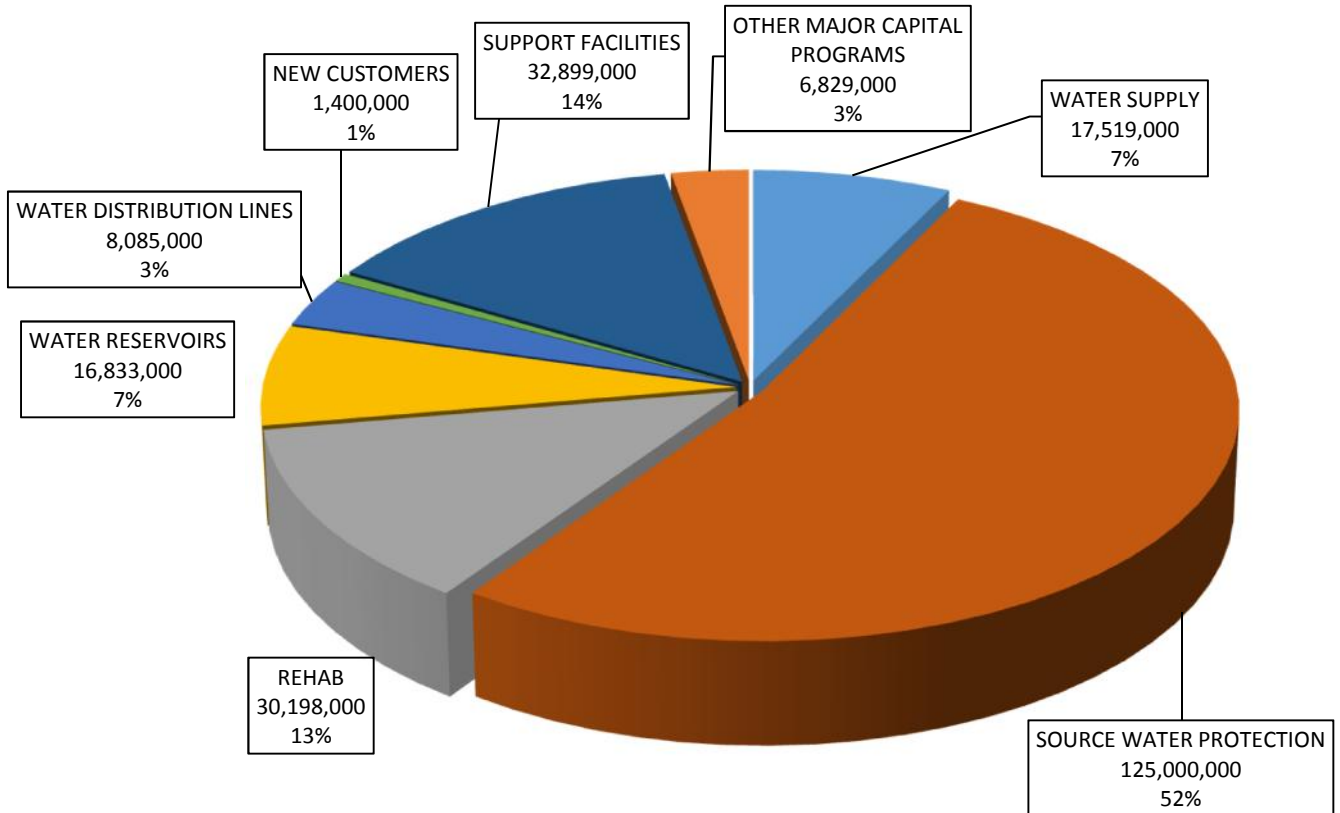
Total Capital Budget
\$289,894,000

*Miscellaneous includes vehicles and construction equipment

FY 2016-2017

CAPITAL BUDGET SUMMARY

Projected Water Expenditures



Total Water Capital Budget
\$239,563,000

El Paso Water Utilities
Public Service Board
Capital Improvement Program
Funding for Fiscal Year 2016-2017

WATER SYSTEM IMPROVEMENT

Item #	Project	FY 2016-2017 Funding Request	FY 2016-2017 Projected Expenditures	PROPOSED FUNDING SOURCES FOR NEW MONEY PROJECTS									
				IMP	WSRC IMP	LAND RESERVE	CP	GRANT	BONDS	CIA			
WATER SUPPLY FACILITIES													
1102	Well Construction, Plugging and Test Holes	827,000	142,519,000		827,000								
1109	JDF Injection Test Wells	703,000	703,000		703,000								
1113	Advanced Water Purification	5,000,000	5,000,000		5,000,000								
1114	Near Importation Turner Ranch	750,000	750,000		750,000								
1201	Jonathan Rogers WTP Expansion	300,000	375,000		300,000								
1301	Northeast Aquifer Storage and Recovery	204,000	204,000		204,000								
1401	Water Rights Including Land Acquisitions	2,070,000	2,070,000		2,070,000								
1402	Water Resource Plans (Hueco Modeling)	1,731,000	2,457,000				1,731,000						
1409	Lower Valley RO Concentrate	100,000	100,000										
1412	Land Acquisition - Hudspeth County	125,000,000	125,000,000		7,000,000	8,000,000	10,000,000			100,000,000			
1414	KBH - Inter-stage Booster Station	150,000	150,000		150,000								
RESERVOIRS													
2016	Rosemont Tank - Water Facilities Master Plan (2.5)	215,000	16,833,000	215,000									
2018A	Elevated Tanks		300,000										
2022	Franklin East #1A 2.5MG Elevated Tank I.F.		8,395,000										
2039	Airport Ground Tank		3,838,000										
2042	Heath Deleon Reservoir		100,000										
2043	Jackson Reservoir (2.5MG)	2,720,000	2,150,000	70,000			2,650,000						
2044	Americas Reservoir No. 2 Structural Rehabilitation	2,000,000	2,000,000				2,000,000						
DISTRIBUTION PUMPING EQUIPMENT													
3035	Heath de Leon Pump Station	800,000	800,000	800,000									
DISTRIBUTION LINES													
4003	Westwind/I-10-Resler (24")	200,000	200,000	200,000									
4049	Borderland/Strahan (16"/24") I.F.		52,000										
4050A	Eastside Planned Service Area (24") I.F.	2,080,000	2,080,000				2,080,000						
4057	Montana to Montwood 24" (DSM)	500,000	500,000				500,000						
4070	Montana East Supply Line	1,200,000	1,200,000				1,200,000						
4078	Resler North of Transmountain (24")		540,000										
4079	Canutillo (4 streets) (8") - Grant	852,000	988,000						852,000				
4082	Pantello (30")	193,000	1,000,000	193,000									
4084	Hillcrest Water Distribution (Grant)	75,000	75,000						75,000				
4086	Fred Miller 36" to 54" to IH-10	150,000	150,000	150,000									
4088	RMA Project	1,300,000	1,300,000	1,300,000									
REHABILITATION													
5101	Meter Replacement	350,000	350,000	350,000									
5102	Primary Metering Wells/Pump Station Improvement		30,000										
5202	City of El Paso Community Development Bond Paving Projects City	1,500,000	3,000,000	1,500,000									
5203	TxDOT Water Improvement Projects	300,000	300,000	300,000									
5206	IBWC Service Line	200,000	200,000	200,000									
5212	Planned Pipeline Replacement	3,208,000	4,850,000	3,208,000									
5250	Central Business District Phase IV (City)	2,108,000	2,162,000	2,108,000									
5259	Sunset Heights	500,000	500,000	500,000						500,000			
5279	City Wide Large Diameter Replacement (60"-24")	2,470,000	2,548,000	2,470,000						2,222,000			
5282	Pipeline protection	396,000	396,000	396,000									
5285	Mesa Street, Crestmont-Festival I (24")	2,874,000	2,274,000	2,874,000						2,874,000			
5291	Rapid Transit System Program	137,000	212,000	137,000									
5292	Rosa 16" (UMC)	200,000	200,000	200,000									
5294	Dead End Mains	172,000	172,000	172,000									
5295	Dallas Cleaning of Utilities Phase 2	685,000	685,000	685,000						685,000			
5301	Well Rehabilitation	1,521,000	1,793,000	1,521,000									
5406	Reservoir Rehabilitation	488,000	633,000	488,000									
5510	Plant Small Upgrades	2,404,000	2,802,000	1,382,000						1,022,000			

El Paso Water Utilities
Public Service Board
Capital Improvement Program
Funding for Fiscal Year 2016-2017

WATER SYSTEM IMPROVEMENT

Item #	Project	FY 2016-2017		PROPOSED FUNDING SOURCES FOR NEW MONEY PROJECTS							
		Funding Request	Projected Expenditures	IMP	WSRC IMP	LAND RESERVE	CP	GRANT	BONDS	CIA	
5511	Plant Emergency	102,000	102,000	102,000							
5512	Disinfection Byproduct Rule/Surface Water Rule Compliance	250,000	250,000	250,000							
5513	GAC Replacement	1,530,000	1,530,000	1,530,000							
5517	Canal Plant Discharge Lines	3,000,000	2,850,000						3,000,000		
5519	Iron Media Replacement		615,000								
5636	Various Valve & Pump Station Replacements	424,000	424,000	424,000							
5644	Zaragoza Reservoir Rehabilitation Study	120,000	120,000	120,000							
5645	Mesa Street 16-inch Water Main Rehabilitation	1,100,000	1,100,000	115,000			985,000				
5648	Master Meter Rehabilitation	100,000	100,000	100,000							
NEW CUSTOMERS		1,350,000	1,400,000								
6100	Meters	400,000	400,000	400,000							400,000
6200	Fire Hydrants	200,000	200,000	200,000							200,000
6300	Supplement for Oversize Lines	400,000	400,000	400,000							
6400	Supplement for Individual Payments	250,000	250,000	250,000							
6500	Extension from Contribution Payments	100,000	100,000	100,000							
6600	Taps Paid from Contribution Payments		50,000								
SUPPORT FACILITIES		20,699,000	32,899,000								
7001	Central Lab Upgrades	444,000	444,000	444,000							
7002	Process Automation/SCADA	100,000	300,000	100,000							
7003	Field Operation Yards	20,155,000	20,155,000						20,155,000		
7004	Emergency Back-up Power		12,000,000								
OTHER MAJOR CAPITAL PROJECTS		5,140,000	6,829,000								
8011	Information Technology Systems	1,004,000	2,064,000	1,004,000							
8012	Rehabilitation of PSB Properties	1,395,000	1,395,000	445,000			950,000				
8018	Security Upgrades-Water Facilities		50,000								
8025	Radio Equipment		20,000								
8027	Airport and Well Field Improvements	2,441,000	3,000,000				2,441,000				
8033	Water Facility Beautification	300,000	300,000	300,000							
TOTAL WATER		202,348,000	239,563,000	20,822,000	17,004,000	8,000,000	31,840,000	927,000	123,155,000	600,000	



APPROVED WATER PROJECTS

PROGRAM:	Well Construction, Plugging and Test Holes	CIP # 1102
PROGRAM CATEGORY	Water Supply Facilities	
PROJECT	Drill and equip 6 water supply wells in the El Paso service area. Plug abandoned wells and drill test holes.	
Total Funding Request	\$827,000	
Funding Sources	WSRC IMP	
FY 2016-17 Projected Expenditures	\$5,710,000	
Total Project Cost	\$5,710,000	
Impact on Operating Budget	\$35,000	

PROGRAM:	JDF Injection Test Wells	CIP # 1109
PROGRAM CATEGORY	Water Supply Facilities	
PROJECT	Repair & maintain injection wells	
Total Funding Request	\$703,000	
Funding Sources	WSRC IMP	
FY 2016-17 Projected Expenditures	\$703,000	
Total Project Cost	\$8,100,000	
Impact on Operating Budget	< \$5,000 Negligible	

PROGRAM:	Advanced Water Purification	CIP # 1113
PROGRAM CATEGORY	Water Supply Facilities	
PROJECT	Engineering Design of the Advanced Water Purification Plant.	
Total Funding Request	\$5,000,000	
Funding Sources	WSRC IMP	
FY 2016-17 Projected Expenditures	\$5,000,000	
Total Project Cost	\$129,000,000	
Impact on Operating Budget	Not available at this time	

PROGRAM:	Near Importation Turner Ranch	CIP # 1114
PROGRAM CATEGORY	Water Supply Facilities	
PROJECT	Near Importation Turner Ranch	
Total Funding Request	\$750,000	
Funding Sources	WSRC IMP	
FY 2016-17 Projected Expenditures	\$750,000	
Total Project Cost	\$2,250,000	
Impact on Operating Budget	< \$5,000 Negligible	



APPROVED WATER PROJECTS

PROGRAM:	Jonathan Rogers WTP Expansion	CIP # 1201
PROGRAM CATEGORY	Water Supply Facilities	
PROJECT	Ozone System Installation	
Total Funding Request	\$300,000	
Funding Sources	WSRC IMP	
FY 2016-17 Projected Expenditures	\$375,000	
Total Project Cost	\$18,275,000	
Impact on Operating Budget	< \$5,000 Negligible	

PROGRAM:	Northeast Aquifer Storage and Recovery	CIP # 1301
PROGRAM CATEGORY	Water Supply Facilities	
PROJECT	Basins and Conveyance Systems to store treated water temporarily as it percolate into the Hueco Bolson.	
Total Funding Request	\$204,000	
Funding Sources	WSRC IMP	
FY 2016-17 Projected Expenditures	\$204,000	
Total Project Cost	\$5,790,000	
Impact on Operating Budget	< \$5,000 Negligible	

PROGRAM:	Water Rights Including Land Acquisitions	CIP # 1401
PROGRAM CATEGORY	Water Supply Facilities	
PROJECT	Water Rights including Land Acquisition – Purchase land to acquire and or protect water rights.	
Total Funding Request	\$2,070,000	
Funding Sources	WSRC IMP	
FY 2016-17 Projected Expenditures	\$2,070,000	
Total Project Cost	\$8,570,000	
Impact on Operating Budget	< \$5,000 Negligible	

PROGRAM:	Water Resource Plans (Hueco Modeling)	CIP # 1402
PROGRAM CATEGORY	Water Supply Facilities	
PROJECT	Modeling-provide a model for the flow and solute transport within the Hueco Bolson Construct water facilities to convey concentrate to Environmental Water Minerals Facilities for further processing	
Total Funding Request	\$1,731,000	
Funding Sources	CP	
FY 2016-17 Projected Expenditures	\$2,457,000	
Total Project Cost	\$2,907,000	
Impact on Operating Budget	< \$5,000 Negligible	



APPROVED WATER PROJECTS

PROGRAM:	Land Acquisition – Hudspeth County	CIP # 1412
PROGRAM CATEGORY	Water Supply Facilities	
PROJECT	Purchase land to acquire and protect water rights and to accommodate future water facilities	
Total Funding Request	\$125,000,000	
Funding Sources	WSRC IMP – \$7,000,000	
	LAND RESERVE - \$8,000,000	
	CP - \$10,000,000	
	BONDS - \$100,000,000	
FY 2016-17 Projected Expenditures	\$125,000,000	
Total Project Cost	\$250,000,000	
Impact on Operating Budget	< \$5,000 Negligible	

PROGRAM:	KBH – Inter-stage Booster Station	CIP # 1414
PROGRAM CATEGORY	Water Supply Facilities	
PROJECT		
Total Funding Request	\$150,000	
Funding Sources	WSRC IMP	
FY 2016-17 Projected Expenditures	\$150,000	
Total Project Cost	\$450,000	
Impact on Operating Budget	< \$5,000 Negligible	

PROGRAM:	Rosemont Tank – Water Facilities Master Plan (2.5)	CIP # 2016
PROGRAM CATEGORY	Reservoirs	
PROJECT	Construction of an additional water tank to supplement existing Rosemont Tank.	
Total Funding Request	\$215,000	
Funding Sources	IMP	
FY 2016-17 Projected Expenditures	\$300,000	
Total Project Cost	\$4,640,000	
Impact on Operating Budget	< \$5,000 Negligible	

PROGRAM:	Jackson Reservoir (2.5MG)	CIP # 2043
PROGRAM CATEGORY	Reservoirs	
PROJECT	Demolish existing water tank and construct replacement 2 MG water tank	
Total Funding Request	\$2,720,000	
Funding Sources	IMP - \$70,000	
	CP - \$2,650,000	
FY 2016-17 Projected Expenditures	\$2,150,000	
Total Project Cost	\$2,850,000	
Impact on Operating Budget	< \$5,000 Negligible	



APPROVED WATER PROJECTS

PROGRAM:	Americas Reservoir No. 2 Structural Rehabilitation	CIP # 2044
PROGRAM CATEGORY	Reservoirs	
PROJECT	Conduct structural repairs on existing 5 MG water tank	
Total Funding Request	\$2,000,000	
Funding Sources	CP	
FY 2016-17 Projected Expenditures	\$2,000,000	
Total Project Cost	\$2,000,000	
Impact on Operating Budget	< \$5,000 Negligible	

PROGRAM:	Heath de Leon Pump Station	CIP # 3035
PROGRAM CATEGORY	Distribution Pumping Equipment	
PROJECT	Demolish existing pumping station and construct new Heath de Leon Pumping Sta.	
Total Funding Request	\$800,000	
Funding Sources	IMP	
FY 2016-17 Projected Expenditures	\$800,000	
Total Project Cost	\$4,800,000	
Impact on Operating Budget	< \$5,000 Negligible	

PROGRAM:	Westwind/I-10 Resler (24")	CIP # 4003
PROGRAM CATEGORY	Distribution Lines	
PROJECT	Resler Drive water main from Westwind to IH-10.	
Total Funding Request	\$200,000	
Funding Sources	IMP	
FY 2016-17 Projected Expenditures	\$200,000	
Total Project Cost	\$2,900,000	
Impact on Operating Budget	< \$5,000 Negligible	

PROGRAM:	Eastside Planned Service Area (24") I.F.	CIP # 4050A
PROGRAM CATEGORY	Distribution Lines	
PROJECT	Edgemere Blvd. and Vista Del Este 16" diameter water mains.	
Total Funding Request	\$2,080,000	
Funding Sources	CP	
FY 2016-17 Projected Expenditures	\$2,080,000	
Total Project Cost	\$7,662,000	
Impact on Operating Budget	< \$5,000 Negligible	



APPROVED WATER PROJECTS

PROGRAM:	Montana to Montwood 24" (DSM)	CIP # 4057
PROGRAM CATEGORY	Distribution Lines	
PROJECT	Yarborough Blvd, from Montana to Montwood 24" water main.	
Total Funding Request	\$500,000	
Funding Sources	CP	
FY 2016-17 Projected Expenditures	\$500,000	
Total Project Cost	\$2,300,000	
Impact on Operating Budget	< \$5,000 Negligible	

PROGRAM:	Montana East Supply Line	CIP # 4070
PROGRAM CATEGORY	Distribution Lines	
PROJECT	Montana East Supply Water line to service East Montana Pressure Zone.	
Total Funding Request	\$1,200,000	
Funding Sources	CP	
FY 2016-17 Projected Expenditures	\$1,200,000	
Total Project Cost	\$1,200,000	
Impact on Operating Budget	< \$5,000 Negligible	

PROGRAM:	Canutillo (4 streets) (8") – Grant	CIP # 4079
PROGRAM CATEGORY	Distribution Lines	
PROJECT	Canutillo Areas 1 and 2 Water Distribution System.	
Total Funding Request	\$852,000	
Funding Sources	GRANT	
FY 2016-17 Projected Expenditures	\$988,000	
Total Project Cost	\$988,000	
Impact on Operating Budget	< \$5,000 Negligible	

PROGRAM:	Partello (30") Water Line	CIP # 4082
PROGRAM CATEGORY	Distribution Lines	
PROJECT	Partello Street 30" water transmission main phase II.	
Total Funding Request	\$193,000	
Funding Sources	IMP	
FY 2016-17 Projected Expenditures	\$1,000,000	
Total Project Cost	\$1,000,000	
Impact on Operating Budget	< \$5,000 Negligible	



El Paso Water Utilities/Fiscal Year 2016-2017 Annual Budget
APPROVED WATER PROJECTS

PROGRAM:	Hillcrest Water Distribution (Grant)	CIP # 4084
PROGRAM CATEGORY	Distribution Lines	
PROJECT	Hillcrest Water Distribution System.	
Total Funding Request	\$75,000	
Funding Sources	GRANT	
FY 2016-17 Projected Expenditures	\$75,000	
Total Project Cost	\$8,818,000	
Impact on Operating Budget	< \$5,000 Negligible	

Program:	Fred Miller 36" to 54" to IH-10	CIP # 4086
PROGRAM CATEGORY	Distribution Lines	
PROJECT	Fred Miller Reservoir to IH-10 36" diameter water transmission main.	
Total Funding Request	\$150,000	
Funding Sources	IMP	
FY 2016-17 Projected Expenditures	\$150,000	
Total Project Cost	\$4,050,000	
Impact on Operating Budget	< \$5,000 Negligible	

PROGRAM:	RMA Project – City Street Car	CIP # 4088
PROGRAM CATEGORY	Distribution Lines	
PROJECT	RMA City Street Car Project.	
Total Funding Request	\$1,300,000	
Funding Sources	IMP	
FY 2016-17 Projected Expenditures	\$1,300,000	
Total Project Cost	\$3,900,000	
Impact on Operating Budget	< \$5,000 Negligible	

PROGRAM:	Meter Replacement	CIP # 5101
PROGRAM CATEGORY	Rehabilitation	
PROJECT	Meter replacement program.	
Total Funding Request	\$350,000	
Funding Sources	IMP	
FY 2016-17 Projected Expenditures	\$350,000	
Total Project Cost	\$3,500,000	
Impact on Operating Budget	None	



El Paso Water Utilities/Fiscal Year 2016-2017 Annual Budget
APPROVED WATER PROJECTS

PROGRAM: City of El Paso Community Development	CIP # 5202
Bond Paving Projects	
PROGRAM CATEGORY Rehabilitation	
PROJECT City of El Paso Community Development Bond Paving Project.	
Total Funding Request	\$1,500,000
Funding Sources	IMP
FY 2016-17 Projected Expenditures	\$3,000,000
Total Project Cost	\$21,000,000
Impact on Operating Budget	< \$5,000 Negligible

PROGRAM: TXDOT Water Improvement Projects	CIP # 5203
PROGRAM CATEGORY Rehabilitation	
PROJECT Various TxDOT projects requiring water main replacements.	
Total Funding Request	\$300,000
Funding Sources	IMP
FY 2016-17 Projected Expenditures	\$300,000
Total Project Cost	\$4,800,000
Impact on Operating Budget	< \$5,000 Negligible

PROGRAM: IBWC Service Line	CIP # 5206
PROGRAM CATEGORY Rehabilitation	
PROJECT Paisano Street 8" diameter water main.	
Total Funding Request	\$200,000
Funding Sources	IMP
FY 2016-17 Projected Expenditures	\$200,000
Total Project Cost	\$200,000
Impact on Operating Budget	< \$5,000 Negligible

PROGRAM: Planned Pipeline Replacement	CIP # 5212
PROGRAM CATEGORY Rehabilitation	
PROJECT A multi-year, multi-phase maintenance program to upgrade the water distribution pipeline infrastructure and prevent line breaks in the system city-wide. About 50% of this program is performed by EPWU construction forces and 50% through bid construction work.	
Total Funding Request	\$3,208,000
Funding Sources	IMP
FY 2016-17 Projected Expenditures	\$4,850,000
Total Project Cost	\$32,190,000
Impact on Operating Budget	< \$5,000 Negligible



APPROVED WATER PROJECTS

PROGRAM:	Central Business District Phase IV (City)	CIP # 5250
PROGRAM CATEGORY	Rehabilitation	
PROJECT	Central Business District Improvement Project (Phase IV), replacement of water mains.	
Total Funding Request	\$2,108,000	
Funding Sources	IMP	
FY 2016-17 Projected Expenditures	\$2,162,000	
Total Project Cost	\$2,162,000	
Impact on Operating Budget	< \$5,000 Negligible	

PROGRAM:	Sunset Heights	CIP # 5259
PROGRAM CATEGORY	Rehabilitation	
PROJECT	Sunset Heights water replacement phase II project.	
Total Funding Request	\$500,000	
Funding Sources	CP	
FY 2016-17 Projected Expenditures	\$500,000	
Total Project Cost	\$1,000,000	
Impact on Operating Budget	< \$5,000 Negligible	

PROGRAM:	City Wide Large Diameter Replacement (60"-24")	CIP # 5279
PROGRAM CATEGORY	Rehabilitation	
PROJECT	Roseway Street 24" Diameter Water Replacement Project	
Total Funding Request	\$2,470,000	
Funding Sources	IMP- \$248,000 CP - \$2,222,000	
FY 2016-17 Projected Expenditures	\$2,548,000	
Total Project Cost	\$11,548,000	
Impact on Operating Budget	< \$5,000 Negligible	

PROGRAM:	Pipeline Protection	CIP # 5282
PROGRAM CATEGORY	Rehabilitation	
PROJECT	Pipeline Protection Systems	
Total Funding Request	\$396,000	
Funding Sources	IMP	
FY 2016-17 Projected Expenditures	\$396,000	
Total Project Cost	\$396,000	
Impact on Operating Budget	< \$5,000 Negligible	



APPROVED WATER PROJECTS

PROGRAM:	Mesa Street Crestmont-Festival 1 (24")	CIP # 5285
PROGRAM CATEGORY	Rehabilitation	
PROJECT	Mesa Street Watermain Replacement Project Phase III-Crestmont to Festival 1	
Total Funding Request	\$2,874,000	
Funding Sources	CP	
FY 2016-17 Projected Expenditures	\$2,274,000	
Total Project Cost	\$2,874,000	
Impact on Operating Budget	< \$5,000 Negligible	

PROGRAM:	Rapid Transit System Program	CIP # 5291
PROGRAM CATEGORY	Rehabilitation	
PROJECT	Rapid Transit System-Watermain Relocation	
Total Funding Request	\$137,000	
Funding Sources	IMP	
FY 2016-17 Projected Expenditures	\$212,000	
Total Project Cost	\$212,000	
Impact on Operating Budget	< \$5,000 Negligible	

PROGRAM:	Rosa 16" (UMC)	CIP # 5292
PROGRAM CATEGORY	Rehabilitation	
PROJECT	Rosa Street – 16" Diameter Watermain Extension	
Total Funding Request	\$200,000	
Funding Sources	IMP	
FY 2016-17 Projected Expenditures	\$200,000	
Total Project Cost	\$1,200,000	
Impact on Operating Budget	< \$5,000 Negligible	

PROGRAM:	Dead End Mains	CIP # 5294
PROGRAM CATEGORY	Rehabilitation	
PROJECT	Installation of Flush Valves in Dead End Watermains	
Total Funding Request	\$172,000	
Funding Sources	IMP	
FY 2016-17 Projected Expenditures	\$172,000	
Total Project Cost	\$172,000	
Impact on Operating Budget	< \$5,000 Negligible	



APPROVED WATER PROJECTS

PROGRAM:	Dallas Clearing of Utilities Phase 2	CIP # 5295
PROGRAM CATEGORY	Rehabilitation	
PROJECT	Dallas Street Clearing of Utilities Phase 2-remove or replace water mains located within the Dallas Street Box Culvert	
Total Funding Request	\$685,000	
Funding Sources	CP	
FY 2016-17 Projected Expenditures	\$685,000	
Total Project Cost	\$685,000	
Impact on Operating Budget	< \$5,000 Negligible	

PROGRAM:	Well Rehabilitation	CIP # 5301
PROGRAM CATEGORY	Rehabilitation	
PROJECT	Well Rehabilitation-This program is to provide for various improvements to well sites including installation of blow-offs, replacement of obsolete switch gears and motor control centers, and access improvements.	
Total Funding Request	\$1,521,000	
Funding Sources	IMP	
FY 2016-17 Projected Expenditures	\$1,793,000	
Total Project Cost	\$12,293,000	
Impact on Operating Budget	< \$5,000 Negligible	

PROGRAM:	Reservoir Rehabilitation	CIP # 5406
PROGRAM CATEGORY	Rehabilitation	
PROJECT	Americas Reservoir #2 Rehabilitation Project	
Total Funding Request	\$488,000	
Funding Sources	IMP	
FY 2016-17 Projected Expenditures	\$633,000	
Total Project Cost	\$3,383,000	
Impact on Operating Budget	< \$5,000 Negligible	

PROGRAM:	Plant Small Upgrades	CIP # 5510
PROGRAM CATEGORY	Rehabilitation	
PROJECT	Small Plant Upgrades-Small in-house upgrades and repairs to the surface water treatment plants such as electric motors and chemical equipment.	
Total Funding Request	\$2,404,000	
Funding Sources	IMP – \$1,382,000 CP – \$1,022,000	
FY 2016-17 Projected Expenditures	\$2,802,000	
Total Project Cost	\$9,592,000	
Impact on Operating Budget	< \$5,000 Negligible	



APPROVED WATER PROJECTS

PROGRAM:	Plan Emergency	CIP # 5511
PROGRAM CATEGORY	Rehabilitation	
PROJECT	Plant Emergencies-Unplanned or emergency repairs to any of the Water Treatment Plants	
Total Funding Request	\$102,000	
Funding Sources	IMP	
FY 2016-17 Projected Expenditures	\$102,000	
Total Project Cost	\$1,020,000	
Impact on Operating Budget	< \$5,000 Negligible	

PROGRAM:	Disinfection Byproduct Rule/Surface Water Rule Compliance	CIP # 5512
PROGRAM CATEGORY	Rehabilitation	
PROJECT	Installation of Scrubbers at various water reservoirs.	
Total Funding Request	\$250,000	
Funding Sources	IMP	
FY 2016-17 Projected Expenditures	\$250,000	
Total Project Cost	\$850,000	
Impact on Operating Budget	< \$5,000 Negligible	

PROGRAM:	GAC Replacement	CIP # 5513
PROGRAM CATEGORY	Rehabilitation	
PROJECT	Replacement of Granular Activated Carbon Filters- Canal WTP Filters 1,2,3,4,5,6 And JRWTP Filters 1,2,3	
Total Funding Request	\$1,530,000	
Funding Sources	IMP	
FY 2016-17 Projected Expenditures	\$1,530,000	
Total Project Cost	\$9,955,000	
Impact on Operating Budget	< \$5,000 Negligible	

PROGRAM:	Canal Plant Discharge Lines	CIP # 5517
PROGRAM CATEGORY	Rehabilitation	
PROJECT	Canal WTP- Discharge Lines Replacement Project (54" Diameter Watermain)	
Total Funding Request	\$3,000,000	
Funding Sources	BONDS	
FY 2016-17 Projected Expenditures	\$2,850,000	
Total Project Cost	\$24,150,000	
Impact on Operating Budget	< \$5,000 Negligible	



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APPROVED WATER PROJECTS

PROGRAM:	Various Valve & Pump Station Replacements	CIP # 5636
PROGRAM CATEGORY	Rehabilitation	
PROJECT	Various Valve and Pump Replacements	
Total Funding Request	\$424,000	
Funding Sources	IMP	
FY 2016-17 Projected Expenditures	\$424,000	
Total Project Cost	\$1,834,000	
Impact on Operating Budget	< \$5,000 Negligible	

PROGRAM:	Zaragoza Reservoir Rehabilitation Study	CIP # 5644
PROGRAM CATEGORY	Rehabilitation	
PROJECT	Zaragoza Reservoir Rehabilitation Study-Evaluation of Reservoir Side Slopes	
Total Funding Request	\$120,000	
Funding Sources	IMP	
FY 2016-17 Projected Expenditures	\$120,000	
Total Project Cost	\$120,000	
Impact on Operating Budget	< \$5,000 Negligible	

PROGRAM:	Mesa Street 16-inch Water Main Rehabilitation	CIP # 5645
PROGRAM CATEGORY	Rehabilitation	
PROJECT	Mesa Street Water Replacement Phase IV-Fred Miller PS to Champions Drive	
Total Funding Request	\$1,100,000	
Funding Sources	IMP – \$115,000 CP – \$985,000	
FY 2016-17 Projected Expenditures	\$1,100,000	
Total Project Cost	\$1,100,000	
Impact on Operating Budget	< \$5,000 Negligible	

PROGRAM:	Master Meter Rehabilitation	CIP # 5648
PROGRAM CATEGORY	Rehabilitation	
PROJECT	Master Meter Rehabilitation	
Total Funding Request	\$100,000	
Funding Sources	IMP	
FY 2016-17 Projected Expenditures	\$100,000	
Total Project Cost	\$100,000	
Impact on Operating Budget	< \$5,000 Negligible	



APPROVED WATER PROJECTS

PROGRAM:	Meters	CIP #6100
PROGRAM CATEGORY	New Customers	
PROJECT	Meters-Meters for new customers	
Total Funding Request	\$400,000	
Funding Sources	CIA	
FY 2016-17 Projected Expenditures	\$400,000	
Total Project Cost	\$4,000,000	
Impact on Operating Budget	< \$5,000 Negligible	

PROGRAM:	Fire Hydrants	CIP #6200
PROGRAM CATEGORY	New Customers	
PROJECT	Fire Hydrants-New fire hydrants for developing areas	
Total Funding Request	\$200,000	
Funding Sources	CIA	
FY 2016-17 Projected Expenditures	\$200,000	
Total Project Cost	\$2,000,000	
Impact on Operating Budget	< \$5,000 Negligible	

PROGRAM:	Supplement for Oversize Lines	CIP #6300
PROGRAM CATEGORY	New Customers	
PROJECT	Supplement for Oversize Lines-Payment to developers toward master plan lines installed greater than 12-inches which will also serve other developments.	
Total Funding Request	\$400,000	
Funding Sources	IMP	
FY 2016-17 Projected Expenditures	\$400,000	
Total Project Cost	\$400,000 annually	
Impact on Operating Budget	none	

PROGRAM:	Supplement for Individual Payments	CIP #6400
PROGRAM CATEGORY	New Customers	
PROJECT	Supplement for Individual Payments-EPWU's share of the line extension cost to serve new customers.	
Total Funding Request	\$250,000	
Funding Sources	IMP	
FY 2016-17 Projected Expenditures	\$250,000	
Total Project Cost	\$250,000 annually	
Impact on Operating Budget	None	



El Paso Water Utilities/Fiscal Year 2016-2017 Annual Budget
APPROVED WATER PROJECTS

PROGRAM:	Extension from Contribution Payments	CIP #6500
PROGRAM CATEGORY	New Customers	
PROJECT	Extension from Contribution Payments-Customer financed extension of lines.	
Total Funding Request	\$100,000	
Funding Sources	IMP	
FY 2016-17 Projected Expenditures	\$100,000	
Total Project Cost	\$100,000 annually	
Impact on Operating Budget	None	

PROGRAM:	Taps from Contribution Payments	CIP # 6600
PROGRAM CATEGORY	New Customers	
PROJECT	Taps from Contribution Payments	
Total Funding Request	\$50,000	
Funding Sources	IMP \$50,000	
FY 2016-17 Projected Expenditures	\$50,000	
Total Project Cost	\$50,000 annually	
Impact on Operating Budget	None	

PROGRAM:	Central Lab Upgrades	CIP # 7001
PROGRAM CATEGORY	Support Facilities	
PROJECT		
Total Funding Request	\$444,000	
Funding Sources	IMP	
FY 2016-17 Projected Expenditures	\$444,000	
Total Project Cost	\$1,244,000	
Impact on Operating Budget	< \$5,000 Negligible	

PROGRAM:	Process Automation/SCADA	CIP # 7002
PROGRAM CATEGORY	Support Facilities	
PROJECT	Process Automation /SCADA-Water-Upgrade SCADA Facilities	
Total Funding Request	\$100,000	
Funding Sources	IMP	
FY 2016-17 Projected Expenditures	\$300,000	
Total Project Cost	\$300,000 annually	
Impact on Operating Budget	< \$5,000 Negligible	



APPROVED WATER PROJECTS

PROGRAM:	Field Operation Yards	CIP # 7003
PROGRAM CATEGORY	Support Facilities	
PROJECT	Field Operations Yards-Fleet Maintenance & Warehouse (Phase 1) and Field Office (Phase 2)	
Total Funding Request	\$20,155,000	
Funding Sources	BONDS	
FY 2016-17 Projected Expenditures	\$20,155,000	
Total Project Cost	\$20,155,000	
Impact on Operating Budget	\$50,000 per year	

PROGRAM:	Information Technology Systems	CIP # 8011
PROGRAM CATEGORY	Other Major Capital Projects	
PROJECT	MIS Hardware/Software Purchases; HR/Payroll Software Replacement; Strategic IT Master Plan Update; Customer Information System Replacement Assessment; Laboratory Information System; Program Management Software	
Total Funding Request	\$1,004,000	
Funding Sources	IMP	
FY 2016-17 Projected Expenditures	\$2,064,000	
Total Project Cost	\$8,770,000	
Impact on Operating Budget	< \$5,000 Negligible	

PROGRAM:	Rehabilitation of PSB Properties	CIP # 8012
PROGRAM CATEGORY	Other Major Capital Projects	
PROJECT	EPWU Call Center Construction; Water Facilities Building Improvements.	
Total Funding Request	\$1,395,000	
Funding Sources	IMP – \$445,000 CP – \$950,000	
FY 2016-17 Projected Expenditures	\$1,395,000	
Total Project Cost	\$2,295,000	
Impact on Operating Budget	< \$5,000 Negligible	

PROGRAM:	Airport and Well Field Improvements	CIP # 8027
PROGRAM CATEGORY	Other Major Capital Projects	
PROJECT	Airport Well Field Improvements	
Total Funding Request	\$2,441,000	
Funding Sources	CP	
FY 2016-17 Projected Expenditures	\$3,000,000	
Total Project Cost	\$7,500,000	
Impact on Operating Budget	< \$5,000 Negligible	



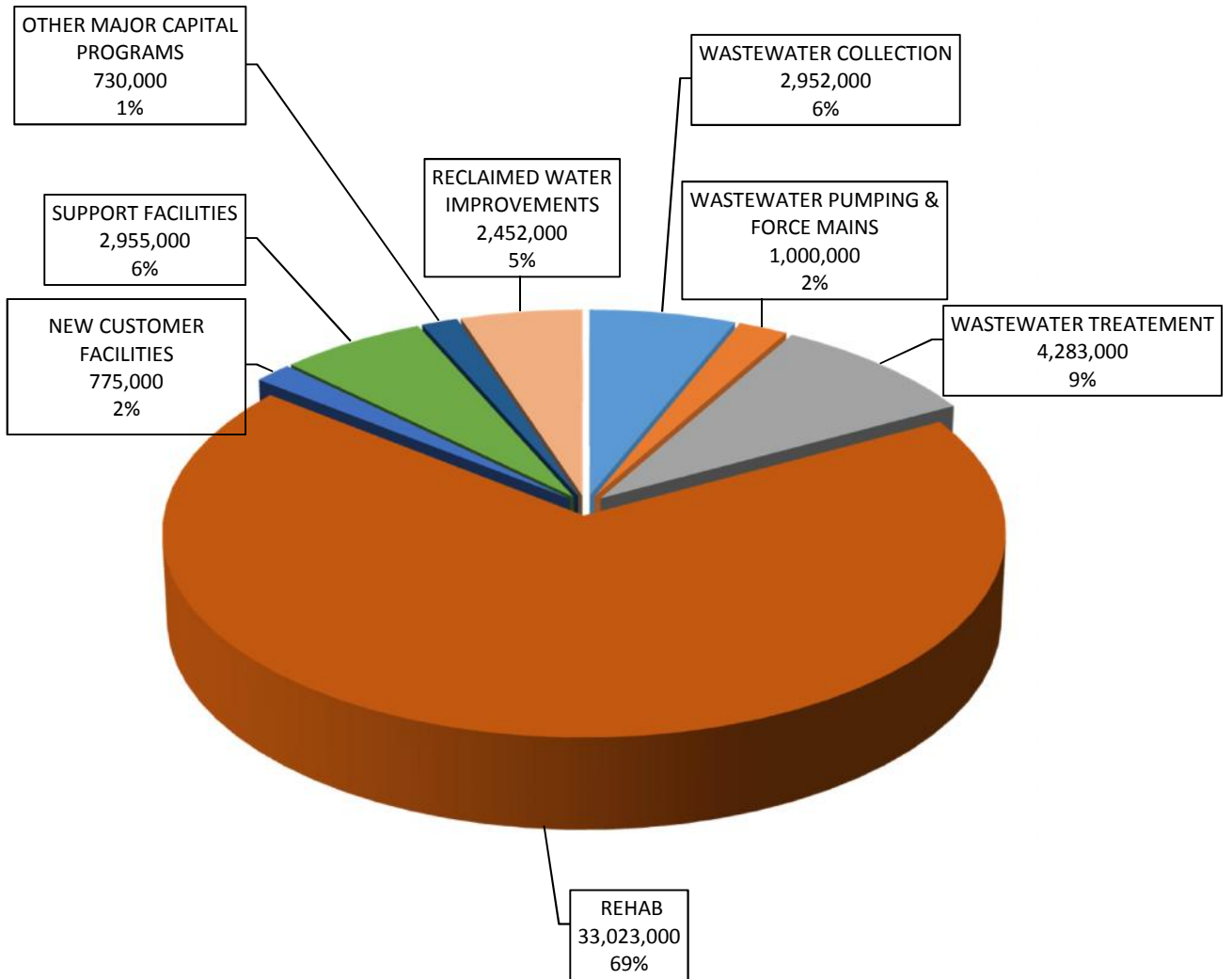
APPROVED WATER PROJECTS

PROGRAM:	Water Facility Beautification	CIP # 8033
PROGRAM CATEGORY	Other Major Capital Projects	
PROJECT	Water Facility Beautification- Improve appearance of Water Facilities	
Total Funding Request	\$300,000	
Funding Sources	IMP	
FY 2016-17 Projected Expenditures	\$300,000	
Total Project Cost	\$600,000	
Impact on Operating Budget	\$10,000 per year	

FY 2016-2017

CAPITAL BUDGET SUMMARY

Projected Wastewater Expenditures
(Including Reclaimed Water System)



Total Wastewater Capital Budget
\$48,170,000

El Paso Water Utilities
Public Service Board
Capital Improvement Program
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WASTEWATER SYSTEM IMPROVEMENTS

Item #	Project	FY 2016-2017 Funding Request	FY 2016-2017 Projected Expenditures	PROPOSED FUNDING SOURCES FOR NEW MONEY PROJECTS								
				IMP	WSRC IMP	LAND RESERVE	CP	GRANT	BONDS	CIA		
COLLECTION SYSTEM		3,345,000	2,952,000									
1209	Miranda,Roxanne,Lakehurst Relief	900,000	500,000				900,000					
1218A	Other East Interceptors (Area 8) I.F. - Edgemere Extension Phase 2 & 4	879,000	1,293,000				879,000					
1241	WW Diversion from Haskell St WWTP to Fred Hervey - Engineering	647,000	647,000									
1248	Montana Vista Planning - Grant		259,000									
	1251 Camutillo (4-Streets) (Grant)	919,000	253,000				919,000					
PUMPING AND FORCE MAINS			1,000,000									
2016	Camutillo Independent School District Lift Station (0.13 MGD)		1,000,000									
TREATMENT		1,543,000	4,283,000									
3004	Fred Hervey WRF Digester No. 2 Mixer Improvement		90,000									
3021	Odor Control, John T. Hickerson, Delta	367,000	2,767,000				167,000					
3021B	Haskell WWTP Odor Control	1,176,000	1,176,000				500,000					
3025	FOG Receiving Station		250,000									
REHABILITATION		29,746,000	33,023,000									
4101	Routine Line Rehabilitation	300,000	1,500,000				300,000					
4102	City of El Paso Community Development Bond Paving Projects City	1,500,000	2,600,000				1,500,000					
4103	TXDOT Wastewater Improvements	600,000	1,600,000				600,000					
4104	RMA Project	400,000	400,000				400,000					
4111	Manholes		50,000									
4166	Kern Place - Relocation of Mains		200,000									
4172	Boone Interceptor	500,000	500,000				500,000					
4179	Upper Valley Outfall Relocation (IBWC)	2,905,000	2,180,000				2,905,000					
4185	Huaco Mountain Estate Rehab		110,000									
4189	Various Small Diameter Sewer-Line Replacements	200,000	200,000				200,000					
4208	Small Plant Upgrades	610,000	610,000				610,000					
4209	Plant Emergencies	255,000	255,000				255,000					
4223	John T. Hickerson Filter Retrofit		1,052,000									
4224	Plant Process Optimization (Bustamante, Hickerson, Haskell)	5,732,000	6,771,000				487,000			5,245,000		
4226	Primary Clarifier Rehab	2,777,000	3,000,000				177,000			2,600,000		
4231	Haskell WWTP & Fred Hervey WRP Emergency Power	1,129,000	1,435,000				1,000,000					
4301	Lift Station Replacement	850,000	850,000				850,000					
4307	Routine Lift Station Rehab (Sec 620) Emergency Cont.	2,105,000	2,105,000				2,105,000					
4309	Grouse Street Force Main Assessment	2,568,000	1,750,000				225,000			2,343,000		
4315	Clardie Fox Lift Station		300,000									
4316	Dallas Clearing of Utilities Phase 2	800,000	800,000				800,000					
4318	Bustamante WWTP Generator Controls Completion		100,000									
4320	Fred Hervey WRP Sludge Bed Liner Replacement	2,190,000	1,350,000							2,190,000		
4324	Haskell WWTP Headworks Effluent Piping	2,560,000	1,910,000							2,560,000		
4326	Haskell WWTP Digester Heating	840,000	470,000				70,000			770,000		
4329	Montana Avenue Sewer Main Replacement Phase II	925,000	925,000				125,000			800,000		
NEW CUSTOMER FACILITIES		775,000	775,000									
5100	Line Relocation	100,000	100,000				100,000					
5200	Supplement for Oversize Lines	350,000	350,000				350,000					
5300	Supplement for Individual Payments	300,000	300,000				300,000					
5400	Lines Financed by Contribution	25,000	25,000				25,000					
7000 VII SUPPORT FACILITIES		900,000	2,955,000									
7002	Field Operation Yards - Construction		2,205,000									
7003	Process Automation SCADA Sewer	900,000	600,000				900,000					
7006 Haskell WWTP Asset Management Program		150,000	150,000									
OTHER MAJOR CAPITAL PROJECTS		250,000	730,000									
8003	Security Upgrades - Sewer Facilities		230,000									
8005	Sewer Facility Beautification		200,000									
8006	County wide waste water plan		50,000									
8007	Fred Hervey Water Reclamation Plant Access Road Assessment	250,000	250,000				250,000					
TOTAL WASTEWATER		36,559,000	45,718,000				8,976,000			18,819,000		7,845,000

El Paso Water Utilities
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RECLAIMED AND BRACKISH WATER SYSTEM IMPROVEMENTS

Item #	Project	FY 2016-2017 Funding Request	FY 2016-2017 Projected Expenditures	PROPOSED FUNDING SOURCES FOR NEW MONEY PROJECTS						
				IMP	WSRC IMP	LAND RESERVE	CP	GRANT	BONDS	CIA
WASTEWATER REUSE DISTRIBUTION SYSTEM										
6011	Pipeline Cathodic Protection	1,950,000	2,452,000							
6018	Centennial Park Project		300,000							
6023	TxDOT Relocations	1,550,000	1,550,000	200,000			1,350,000			
6025	UTEF Reclaimed Water Treatment System	400,000	400,000	400,000						
TOTAL RECLAIMED AND BRACKISH WATER IMPROVEMENTS				1,950,000	2,452,000	600,000	1,350,000	-	-	-
TOTAL COMBINED SYSTEM IMPROVEMENTS		240,857,000	287,733,000	30,398,000	17,004,000	8,000,000	52,009,000	1,846,000	131,000,000	600,000
TOTAL WATER		202,348,000	239,563,000	20,822,000	17,004,000	8,000,000	31,840,000	927,000	123,155,000	600,000
TOTAL WASTEWATER		36,559,000	45,718,000	8,976,000	-	-	18,819,000	919,000	7,845,000	-
TOTAL RECLAIMED AND BRACKISH WATER IMPROVEMENTS		1,950,000	2,452,000	600,000	-	-	1,350,000	-	-	-
TOTAL RECLAIMED AND BRACKISH WATER IMPROVEMENTS		240,857,000	287,733,000	30,398,000	17,004,000	8,000,000	52,009,000	1,846,000	131,000,000	600,000



APPROVED WASTEWATER PROJECTS

PROGRAM:	Miranda, Roxanne, Lakehurst Relief	CIP # 1209
PROGRAM CATEGORY	Collection System	
PROJECT	As identified by the 1999 NW Wastewater Facility Plan Amendment report, this system consists of various stretches of new 15-inch sewer mains extending from Doniphan at Miranda, east along Roxanne and ultimately to the East Side of I-10 at Lakehurst.	
Total Funding Request	\$900,000	
Funding Sources	CP	
FY 2016-17 Projected Expenditures	\$500,000	
Total Project Cost	\$6,699,400	
Impact on Operating Budget	Negligible	

PROGRAM:	Other East Interceptors (Area 8) I.F. – Edgemere Extension Phase 2 & 4	CIP # 1218A
PROGRAM CATEGORY	Collection System	
PROJECT	Construction of a 24-inch gravity sanitary sewer main along the extension of Edgemere Blvd from Tim Floyd Drive to Vista Del Este Drive.	
Total Funding Request	\$879,000	
Funding Sources	CP	
FY 2016-17 Projected Expenditures	\$1,293,000	
Total Project Cost	\$1,293,000	
Impact on Operating Budget	Negligible	

PROGRAM:	WW Diversion from Haskell St WWTP to Fred Hervey – Engineering	CIP # 1241
PROGRAM CATEGORY	Collection System	
PROJECT	This project will divert sanitary sewer flow currently conveyed to the Haskell Street WWTP to the Fred Hervey WRP.	
Total Funding Request	\$647,000	
Funding Sources	IMP	
FY 2016-17 Projected Expenditures	\$647,000	
Total Project Cost	\$647,000	
Impact on Operating Budget	None	



APPROVED WASTEWATER PROJECTS

PROGRAM:	Canutillo (4-Streets) Grant	CIP # 1251
PROGRAM CATEGORY	Collection System	
PROJECT	Install a public sanitary sewer system within 4 streets located within the Canutillo Area, (Georgia, Norma, La Mesa, & 7 th Street).	
Total Funding Request	\$919,000	
Funding Sources	GRANT	
FY 2016-17 Projected Expenditures	\$253,000	
Total Project Cost	\$500,000	
Impact on Operating Budget	Negligible	

PROGRAM:	Odor Control, John T. Hickerson, Delta	CIP # 3021
PROGRAM CATEGORY	Treatment	
PROJECT	Study, design and construct a bioscrubber system to reduce odors from the aeration channel at the John T. Hickerson Water Reclamation Facility.	
Total Funding Request	\$367,000	
Funding Sources	IMP – \$200,000 CP – \$167,000	
FY 2016-17 Projected Expenditures	\$2,767,000	
Total Project Cost	\$2,767,000	
Impact on Operating Budget	\$10,000/ year	

PROGRAM:	Haskell WWTP Odor Control	CIP # 3021B
PROGRAM CATEGORY	Treatment	
PROJECT	Study, design and construct a bioscrubber system to reduce odors from the Haskell Street WWTP head works pump station.	
Total Funding Request	\$1,176,000	
Funding Sources	IMP – \$676,000 CP – \$500,000	
FY 2016-17 Projected Expenditures	\$1,176,000	
Total Project Cost	\$2,500,000	
Impact on Operating Budget	\$10,000/ Year	

PROGRAM:	Routine Line Rehabilitation	CIP # 4101
PROGRAM CATEGORY	Rehabilitation	
PROJECT	Routine Line Replacement – Replace aging/infiltrating collection lines	
Total Funding Request	\$300,000	
Funding Sources	IMP	
FY 2016-17 Projected Expenditures	\$1,500,000	
Total Project Cost	\$2,000,000.	
Impact on Operating Budget	Negligible	



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APPROVED WASTEWATER PROJECTS

PROGRAM:	City of El Paso Community Development Bond Paving Projects	CIP # 4102
PROGRAM CATEGORY	Rehabilitation	
PROJECT	City of El Paso Community Development Bond Paving Projects- Replace lines in conjunction with City and TXDOT projects.	
Total Funding Request	\$1,500,000	
Funding Sources	IMP	
FY 2016-17 Projected Expenditures	\$2,600,000	
Total Project Cost	\$50,000 Annually	
Impact on Operating Budget	Negligible	

PROGRAM:	TXDOT Wastewater Improvements	CIP #4103
PROGRAM CATEGORY	Rehabilitation	
PROJECT	TXDOT projects where sanitary sewer lines need to be relocated.	
Total Funding Request	\$600,000	
Funding Sources	IMP	
FY 2016-17 Projected Expenditures	\$1,600,000	
Total Project Cost	\$50,000 Annually	
Impact on Operating Budget	Negligible	

PROGRAM:	RMA Project	CIP # 4104
PROGRAM CATEGORY	Rehabilitation	
PROJECT	City of El Paso Street Car Project – Sanitary Sewer mains to be relocated due to City Street Car Project.	
Total Funding Request	\$400,000	
Funding Sources	IMP	
FY 2016-17 Projected Expenditures	\$400,000	
Total Project Cost	\$400,000	
Impact on Operating Budget	Negligible	

PROGRAM:	Boone Interceptor	CIP # 4172
PROGRAM CATEGORY	Rehabilitation	
PROJECT	Investigate the possibility of rehabilitating the existing three Boone Interceptors or Design and Construct a second replacement Boone Siphon.	
Total Funding Request	\$500,000	
Funding Sources	IMP	
FY 2016-17 Projected Expenditures	\$500,000	
Total Project Cost	\$5,200,000	
Impact on Operating Budget	Negligible	



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APPROVED WASTEWATER PROJECTS

PROGRAM:	Upper Valley Outfall Relocation (IBWC)	CIP # 4179
PROGRAM CATEGORY	Rehabilitation	
PROJECT	Relocate portions of the Upper Valley Outfall in conflict with Proposed IBWC Levee and Canal Improvements. Also investigate and provide recommendations to replace deteriorated sections of the gravity part of the outfall.	
Total Funding Request	\$2,905,000	
Funding Sources	CP	
FY 2016-17 Projected Expenditures	\$2,180,000	
Total Project Cost	\$10,275,000	
Impact on Operating Budget	Negligible	

PROGRAM:	Various Small Diameter Sewer Line Replacements	CIP # 4189
PROGRAM CATEGORY	Rehabilitation	
PROJECT	Repairs to sanitary sewer lines and repair of Sunland Park at Doniphan line.	
Total Funding Request	\$200,000	
Funding Sources	IMP	
FY 2016-17 Projected Expenditures	\$200,000	
Total Project Cost	\$200,000 Annually	
Impact on Operating Budget	Negligible	

PROGRAM:	Small Plant Upgrades	CIP # 4208
PROGRAM CATEGORY	Rehabilitation	
PROJECT	This project will facilitate miscellaneous small capital improvements at all four wastewater treatment plants that are needed during the course of the fiscal year. This project serves to increase reliability of the wastewater treatment plants and keep up with maintenance, rehabilitation, and replacement needs.	
Total Funding Request	\$610,000	
Funding Sources	IMP	
FY 2016-17 Projected Expenditures	\$610,000	
Total Project Cost	\$610,000 Annually	
Impact on Operating Budget	Negligible	

PROGRAM:	Plant Emergencies	CIP # 4209
PROGRAM CATEGORY	Rehabilitation	
PROJECT	This project will facilitate emergency replacement and repair of key components at all four wastewater treatment plants that may be needed during the course of the fiscal year. Emergency funds are needed to ensure that the plants are maintained during emergencies and remain within permit limits.	
Total Funding Request	\$255,000	
Funding Sources	IMP	
FY 2016-17 Projected Expenditures	\$255,000	
Total Project Cost	\$255,000 Annually	
Impact on Operating Budget	Negligible	



APPROVED WASTEWATER PROJECTS

PROGRAM:	Plant Process Optimization (Bustamante, Hickerson, Haskell)	CIP # 4224
PROGRAM CATEGORY	Rehabilitation	
PROJECT	Replace aeration diffusers at Haskell, Hickerson plants.	
Total Funding Request	\$5,732,000	
Funding Sources	IMP – \$487,000	
	BONDS – \$5,245,000	
FY 2016-17 Projected Expenditures	\$6,771,000	
Total Project Cost	\$6,771,000	
Impact on Operating Budget	Negligible	

PROGRAM:	Primary Clarifier Rehab	CIP # 4226
PROGRAM CATEGORY	Rehabilitation	
PROJECT	Multi-phase project consisting of four clarifiers. Work for each clarifier consists of demolishing and removing primary clarifier mechanism and install new mechanism for the 110-foot diameter by 9-foot deep plow type clarifier.	
Total Funding Request	\$2,777,000	
Funding Sources	IMP – \$177,000	
	BONDS – \$2,600,000	
FY 2016-17 Projected Expenditures	\$3,000,000	
Total Project Cost	\$7,600,000	
Impact on Operating Budget	Negligible	

PROGRAM:	Haskell WWTP & Fred Hervey WRP Emergency Power	CIP # 4231
PROGRAM CATEGORY	Rehabilitation	
PROJECT	Study and design emergency power generation requirements at Haskell and Fred Hervey WWTPs and power protection needs at all four wastewater treatment plants.	
Total Funding Request	\$1,129,000	
Funding Sources	IMP – \$129,000	
	CP – \$1,000,000	
FY 2016-17 Projected Expenditures	\$1,435,000	
Total Project Cost	\$2,435,000	
Impact on Operating Budget	<\$10,000/ Year	

PROGRAM:	Lift Station Replacement	CIP # 4301
PROGRAM CATEGORY	Rehabilitation	
PROJECT	Rehabilitation and emergency repair work to be performed mostly by EPWU section 620 crews on lift stations.	
Total Funding Request	\$850,000	
Funding Sources	IMP	
FY 2016-17 Projected Expenditures	\$850,000	
Total Project Cost	\$100,000 Annually	
Impact on Operating Budget	<\$10,000.	



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APPROVED WASTEWATER PROJECTS

PROGRAM:	Routine Lift Station Rehab (Sec 620) Emergency Cont.	CIP # 4307
PROGRAM CATEGORY	Rehabilitation	
PROJECT	Rehabilitation of existing lift stations in need of repair including Alfalfa, Inglewood, Montoya, Navarrete and Prado lift station.	
Total Funding Request	\$2,105,000	
Funding Sources	CP	
FY 2016-17 Projected Expenditures	\$2,105,000	
Total Project Cost	\$2,500,000.	
Impact on Operating Budget	<\$10,000.	

PROGRAM:	Grouse Street Force Main Assessment	CIP # 4309
PROGRAM CATEGORY	Rehabilitation	
PROJECT	Construct 4,200 lf of a new force main that will convey wastewater from the Grouse Lift Station to the Fred Hervey Reclamation Plant.	
Total Funding Request	\$2,568,000	
Funding Sources	IMP – \$225,000 CP – \$2,343,000	
FY 2016-17 Projected Expenditures	\$1,750,000	
Total Project Cost	\$2,568,000	
Impact on Operating Budget	Negligible	

PROGRAM:	Dallas Clearing of Utilities Phase 2	CIP # 4316
PROGRAM CATEGORY	Rehabilitation	
PROJECT	In conjunction with EPWU's stormwater plan to install adequate storm water facilities and clear existing stormwater conveyance systems of obstacles that may impede the conveyance of stormwater runoff several sanitary sewer mains must be relocated.	
Total Funding Request	\$800,000	
Funding Sources	CP	
FY 2016-17 Projected Expenditures	\$800,000	
Total Project Cost	\$800,000	
Impact on Operating Budget	Negligible	

PROGRAM:	Fred Hervey WRP Sludge Bed Liner Replacement	CIP # 4320
PROGRAM CATEGORY	Rehabilitation	
PROJECT	Modification and concrete line sludge liner beds. Permit application driven.	
Total Funding Request	\$2,190,000	
Funding Sources	CP	
FY 2016-17 Projected Expenditures	\$1,350,000	
Total Project Cost	\$2,190,000	
Impact on Operating Budget	Negligible	



APPROVED WASTEWATER PROJECTS

PROGRAM:	Haskell WWTP Headworks Effluent Piping	CIP # 4324
PROGRAM CATEGORY	Rehabilitation	
PROJECT	Install 66-inch diameter diversion line between the plant headworks building and grit removal building inlet. Install hot tap connection on the 66-inch pipeline and 60-inch grit removal effluent line.	
Total Funding Request	\$2,560,000	
Funding Sources	CP	
FY 2016-17 Projected Expenditures	\$1,910,000	
Total Project Cost	\$2,560,000	
Impact on Operating Budget	Negligible	

PROGRAM:	Haskell WWTP Digester Heating	CIP # 4326
PROGRAM CATEGORY	Rehabilitation	
PROJECT	Improve heating of digesters at Haskell Plant to increase sludge digestion.	
Total Funding Request	\$840,000	
Funding Sources	IMP – \$70,000 CP – \$770,000	
FY 2016-17 Projected Expenditures	\$470,000	
Total Project Cost	\$870,000	
Impact on Operating Budget	<\$10,000	

PROGRAM:	Montana Avenue Sewer Main Replacement Phase II	CIP # 4329
PROGRAM CATEGORY	Rehabilitation	
PROJECT	Replace or rehab a 21-inch diameter sanitary sewer main that extends along Arizona and Rio Grande from Cotton Avenue to Rosewood Street.	
Total Funding Request	\$925,000	
Funding Sources	IMP – \$125,000 CP – \$800,000	
FY 2016-17 Projected Expenditures	\$925,000	
Total Project Cost	\$925,000	
Impact on Operating Budget	Negligible	

PROGRAM:	Line Relocation	CIP # 5100
PROGRAM CATEGORY	New Customer Facilities	
PROJECT	Line Relocation-Variou s line relocations and upgrades as they conflict with other public projects.	
Total Funding Request	\$100,000	
Funding Sources	IMP	
FY 2016-17 Projected Expenditures	\$100,000	
Total Project Cost	\$100,000 Annually	
Impact on Operating Budget	None	



APPROVED WASTEWATER PROJECTS

PROGRAM:	Supplement for Oversize Lines	CIP # 5200
PROGRAM CATEGORY	New Customer Facilities	
PROJECT	Supplement for Oversized Lines- Payment to developers toward master plan lines installed greater than 12-inch or greater than necessary to serve their development.	
Total Funding Request	\$350,000	
Funding Sources	IMP	
FY 2016-17 Projected Expenditures	\$350,000	
Total Project Cost	\$50,000 Annually	
Impact on Operating Budget	None	

PROGRAM:	Supplement for Individual Payments	CIP # 5300
PROGRAM CATEGORY	New Customer Facilities	
PROJECT	Supplement for Individual Payments-EPWU share of the line extension cost to serve new customers.	
Total Funding Request	\$300,000	
Funding Sources	IMP	
FY 2016-17 Projected Expenditures	\$100,000	
Total Project Cost	\$100,000	
Impact on Operating Budget	None	

PROGRAM:	Lines Financed by Contribution	CIP # 5400
PROGRAM CATEGORY	New Customer Facilities	
PROJECT	Lines Financed by Contribution- New customer paid for sewer extensions.	
Total Funding Request	\$25,000	
Funding Sources	IMP	
FY 2016-17 Projected Expenditures	\$25,000	
Total Project Cost	\$25,000 Annually	
Impact on Operating Budget	None	

PROGRAM:	Process Automation SCADA – Sewer	CIP # 7003
PROGRAM CATEGORY	Support Facilities	
PROJECT	Process Automation SCADA- Sewer- Upgrade SCADA Facilities at Lift Stations and Wastewater Treatment Plants.	
Total Funding Request	\$900,000	
Funding Sources	CP	
FY 2016-17 Projected Expenditures	\$600,000	
Total Project Cost	\$500,000 Annually	
Impact on Operating Budget	<\$5,000	



APPROVED WASTEWATER PROJECTS

PROGRAM:	Fred Hervey Water Reclamation Plant Access Road Assessment	CIP # 8007
PROGRAM CATEGORY	Other Major Capital Projects	
PROJECT	Construct 3.2 miles of 24' wide access roadway to the Fred Hervey WRP.	
Total Funding Request	\$250,000	
Funding Sources	IMP	
FY 2016-17 Projected Expenditures	\$250,000	
Total Project Cost	\$2,440,000	
Impact on Operating Budget	<\$10,000	

PROGRAM:	TXDOT Relocations	CIP # 6023
PROGRAM CATEGORY	Wastewater Reuse Distribution System	
PROJECT	TXDOT Relocations- Relocations of lines required by TXDOT projects, including Border Highway West.	
Total Funding Request	\$1,550,000	
Funding Sources	IMP – \$200,000 CP – \$1,350,000	
FY 2016-17 Projected Expenditures	\$1,550,000	
Total Project Cost	\$1,550,000	
Impact on Operating Budget	<\$5,000	

PROGRAM:	UTEP Reclaimed Water Treatment System	CIP # 6025
PROGRAM CATEGORY	Reclaimed Water	
PROJECT	Design a Reclaimed Water Scalping Plant at UTEP.	
Total Funding Request	\$400,000	
Funding Sources	IMP	
FY 2016-17 Projected Expenditures	\$400,000	
Total Project Cost	\$4,000,000	
Impact on Operating Budget	\$500,000/Annually	

**EL PASO WATER UTILITIES/PUBLIC SERVICE BOARD
WATER AND WASTEWATER PROPOSED CAPITAL OUTLAY FOR
LIGHT, OFFICE and MISCELLANEOUS EQUIPMENT
FY 2016-17**

Item#	Section	# of Items	Item Description	Approved	Approved Light Capital
1	335	2	GPS UNITS	\$ 32,000	\$ 32,000
2	525	1	UV SPECTROPHOTOMETER	12,000	\$ 12,000
3	525	1	PERISTALTIC PUMP AUTOMATED BOD ANALYZER	9,000	\$ 9,000
4	525	2	DI WATER UNITS	15,000	\$ 15,000
5	630	2	RODDING MACHINES	22,000	\$ 22,000
6	630		CAMERA UNIT PARTS AND ACCESSORIES	25,000	\$ 25,000
7	690		SEWER AIR PLUGS VARIOUS SIZES	18,000	\$ 18,000
8	690	4	SUBMERSIBLE 3HP BY-PASS PUMPS (NEW)	8,000	\$ 8,000
9	690	1	HONDA PORTABLE GENERATOR (NEW)	9,000	\$ 9,000
10	690	3	BRIGGS AND STRATTON PORTABLE AIR BLOWERS (REPLACEMENTS)	9,000	\$ 9,000
11	690	2	LASER PIPE ALIGNERS (REPLACEMENTS)	14,000	\$ 14,000
12	915	1	ORDER PICKER LIFT	16,000	\$ 16,000
13	915	1	FLOOR SCRUBBER	24,000	\$ 24,000
Total Light, Office and Miscellaneous Equipment				\$ 213,000	

EL PASO WATER UTILITIES /PUBLIC SERVICE BOARD
SUMMARY OF PROPOSED CAPITAL OUTLAY FOR
NEW AND REPLACEMENT AUTOMOTIVE AND CONSTRUCTION EQUIPMENT
FY 2016-17

Section	Unit#	Description	Projected Mileage-Hours by 02-2017	Type of Vehicle	Estimated Cost
UTILITY VEHICLES					
120	109	2000 4 DOOR SEDAN	83,816	4 DOOR COMPACT SEDAN	\$16,200
150	7012	2007 COMPACT PICK-UP	200,621	1/2 TON PICK-UP	\$18,200
320	160	2005 1 TON VAN	156,354	1/2 TON 4 DOOR PICK-UP	\$26,000
320	1007	2007 1/2 TON PICK UP	176,436	1/2 TON PICK-UP	\$18,000
320	192	2001 4 DOOR SEDAN	77,407	4 DOOR COMPACT SEDAN	\$16,200
325	105	2003 1/2 TON 4 DR PICK-UP	87,567	1/2 TON 4 DOOR PICK-UP	\$25,700
325	32	2004 4 DOOR SEDAN	101,998	4 DOOR COMPACT SEDAN	\$16,200
410	407	2004 SPORT UTILITY	166,796	MID SIZE SUV 4X4	\$29,300
420	478	2005 1/2 TON PICK-UP	160,270	1/2 TON PICK-UP	\$18,000
420	4016	2007 1/2 TON PICK UP	152,299	1/2 TON PICK-UP	\$18,000
440	447	2004 2 TON 4 DR UTILITY	182,165	2 TON 4 DOOR UTILITY	\$83,000
440	455	2005 1 TON UTILITY	147,539	1 TON UTILITY	\$33,500
440	4023	2007 1 TON 4 DOOR UTILITY	263,365	1 TON 4 DOOR UTILITY	\$37,200
440	4025	2007 1 TON UTILITY	265,345	1 TON UTILITY	\$33,500
510	499	2001 4 DOOR SEDAN	80,636	4 DOOR COMPACT SEDAN	\$16,200
520	133	2005 1 TON VAN	152,095	COMPACT CARGO VAN	\$26,000
525	22	2004 COMPACT PICK-UP	120,852	1/2 TON PICK-UP	\$18,000
610	665	2001 4 DOOR SEDAN	68,661	4 DOOR COMPACT SEDAN	\$16,200
620	619	2005 1 TON UTILITY	172,193	1 TON UTILITY	\$33,500
630	615	2000 VACUUM JET RODDER C	19,672	VACUUM JET RODDER C	\$353,000
630	6011	2007 1 TON UTILITY	223,668	1 TON UTILITY	\$33,500
690	631	2004 2 TON 4 DR FLAT BED	147,760	2 TON 4 DR FLAT BED	\$83,000
720	795	2005 1/2 TON 4 DR PICK-UP	166,179	1/2 TON 4 DOOR PICK-UP	\$25,700
720	781	2005 COMPACT PICK-UP	172,548	COMPACT CARGO VAN	\$26,000
915	41	2005 1 1/2 TON UTILITY	255,419	2 TON UTILITY	\$80,000
916	9017	2001 5 TON DUMP	252,977	5 TON DUMP	\$102,600
916	9020	2001 5 TON DUMP	268,055	5 TON DUMP	\$102,600
917	37	2004 1 TON UTILITY	149,925	1 TON UTILITY	\$33,500
325	NEW			1/2 TON PICK-UP	\$18,000
325	NEW			1/2 TON PICK-UP	\$18,000
440	NEW			1/2 TON PICK-UP	\$18,000
440	NEW			1/2 TON PICK-UP	\$18,000
440	NEW			1 TON FLATBED TRUCK	\$33,000
470	NEW			ALL-TERRRAIN UTILITY VEHICLE	\$12,000
720	NEW			SUV TYPE VEHICLE	\$24,000
ESTIMATED TOTAL VEHICLE COST, ENTIRE UTILITY					\$ 1,479,800
MAINTENANCE & CONSTRUCTION EQUIPMENT					
440	350	1988 TRAILER COMPRESSOR	1,768	TRAILER COMPRESSOR	\$15,200
450	284	1999 FORKLIFT	2,237	FORKLIFT	\$70,000
450	207	1997 TRAILER PUMP 6"	4,084	TRAILER PUMP 6"	\$30,000
470	359	1993 FORKLIFT	6,011	FORKLIFT	\$70,000
670	360	1993 FORKLIFT	1,406	FORKLIFT	\$70,000
690	273	1994 TRAILER PUMP 4"	1,413	TRAILER PUMP 4"	\$12,000
690	252	2000 BORING MACHINE	202	BORING MACHINE	\$45,000
916	2024	1995 LOADER	13,845	LOADER	\$109,000
916	2026	1997 LOADER	11,715	LOADER	\$109,000
915	NEW			ARTICULATION BOOM LIFT	\$65,000
PAINTED DUNES				TORO 4500 D	\$32,000
PAINTED DUNES				FAIRWAY MOWER	\$36,000
PAINTED DUNES				SURROUNDS MOWER	\$18,000
ESTIMATED TOTAL EQUIPMENT COST					\$681,200.00
Estimated Total Vehicle and Equipment Cost					\$ 2,161,000
Less: Estimated Trade-in Value					\$ (166,000)
Net Cost to FY 2016-17 Budget					\$ 1,995,000