



## City of Ukiah Capital Budget Fiscal Year 2015-2016

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# Guide to the Capital Budget:

**Project Reserves:** In the past the City has set aside funds for future Equipment (Fund 220) and Special Projects (Fund 251). The worksheets shown on pages 2 and 3 reflect balances set aside in the past and where funds originated. In addition, proposed transfers and expenditures are shown with a projected ending balance. These worksheets are meant to aid Staff and City Council when monies are needed for a project that is unfunded.

**Program Funding Summary With Funding Sources:** This section is a summary of all funding shown in the Capital Budget. This area also includes a summary of projects which are unfunded at this time. \$3,565,614 in projects requests are currently unfunded. The page following the Program Funding Summary shows a list of all unfunded or partially funded projects and the section of the budget the project can be found.

**Department Sections:** Each Department is shown in a separate section. For example, the first Department section is for Capital Projects relating to the Airport. At the front of each section the total capital projects for that area are listed for Fiscal Year 2016. The Section then summarizes funding sources that are going to fund the projects and appropriation amounts for projects. The remaining pages include more detail for each project and a forecast for future years for the project for that department.

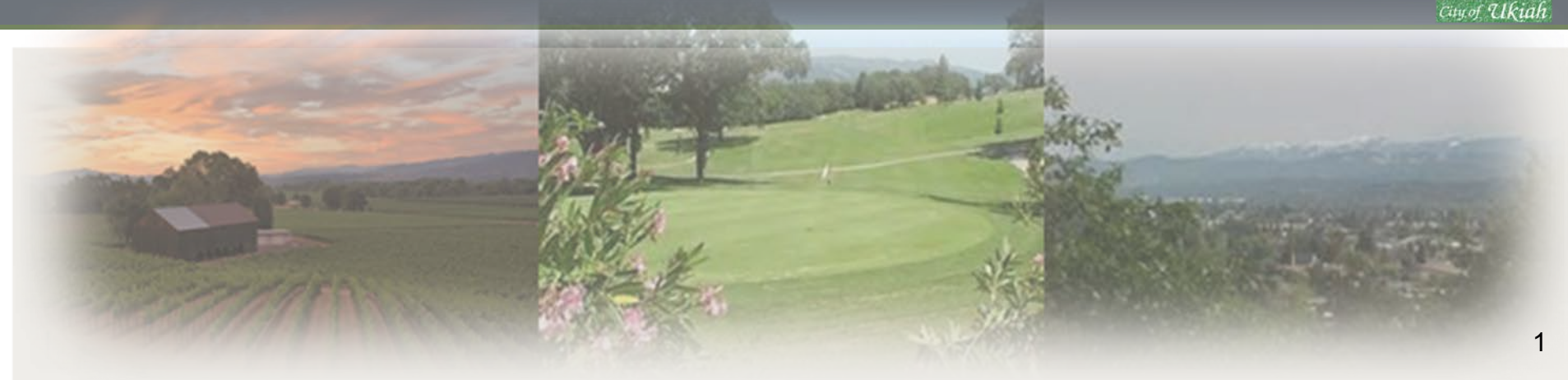
**Appendix:** The Appendix includes fleet justification worksheets for Fiscal Year 2016 requests.





# PROJECT RESERVES

CAPITAL BUDGET FISCAL YEAR 2015-2016



# Capital Projects – Summary of Equipment Reserves (Fund 220)

	Funding* Source	Reserve No.	<u>Projected Budget 2015-16</u>				Ending Reserve	MUNIS Acct. #
			Beginning Reserve 2015-16	Revenues	Transfers (IN)/OUT	Expenditures		
City Clerk	100	110	(5,750)				(5,750)	22000000.38110
Finance	100	130	(3,390)			3,390	0	22000000.38130
Planning	100	150	0				0	
Building Maintenance	100	195	(610,691)			100,000	(510,691)	22000000.38195
Computer Support	100	196	(22,338)		(120,684)	143,022	0	22000000.38196
Police	105	201	(41,030)			41,030	0	22000000.38201
Fire- Apparatus	105	211-212	(90,455)		(207,223)		(297,678)	22000000.38211
Fire - Equipment	105	213	(65,000)			65,000	0	22000000.38313
Parking	640	220	(30,000)				(30,000)	22000000.38220
Building Inspection	100	221	0				0	
Engineering/Unrestr	100	301	(88,245)				(88,245)	22000000.38301
Street Maintenance	100	311	0				0	
Corporate Yard	208	330	(114,038)			20,000	(94,038)	22000000.38330
Garage	203	575	(54,030)		(56,000)	110,000	(30)	22000000.38575
Airport	777	600	0				0	
Parks & Recreation	300	601	0				0	
Sewer	844	612	(201,148)			200,000	(1,148)	22000000.38612
Utility Billing	205	697	(14,135)		(100,000)	114,135	0	22000000.38697
Water	820	820	(77,687)			75,000	(2,687)	22000000.38820
Dispatch Equip Replacement	206	678	(5,630)				(5,630)	22000000.38678
Electric Equip Replacement	800	800	(140,000)				(140,000)	22000000.38800
Reserve For Encumbrances	100		(116,322)				(116,322)	
Undesignated - Interest	100		(164,790)	(21,403)	107,223	78,970	0	
<b>Summary of Changes</b>			<b>(1,844,679)</b>	<b>(21,403)</b>	<b>(376,684)</b>	<b>950,546</b>	<b>(1,292,219)</b>	

This worksheet shows reserve funds held for equipment. The Funding source shows where funds are transferred from. All "Transfers In" include a reserve number which is shown in the column heading "Munis Acct. #". The Expenditure Column represents planned spending for Fiscal Year 2016.

\*All funding sources with 100 fund are unrestricted



# Capital Projects – Summary of Special Project Reserves (Fund 251)

	Reserve No.	Funding * Source	2014-15		Expenditures	Projects	2015-16	
			Adjusted Balance	Transfers (in) out			Ending Reserve	MUNIS Acct. #
Grant Match	001	100	(51,900)		19,000	NWP Rail Trail	(32,900)	25100000.39001
Financial Software	002	100	(100,000)	100,000		Transfer out to Fund 220 Equip Reserve	0	25100000.39002
ADA Ramps	010	Gas Tax	(137,977)		50,000	ADA Ramps	(87,977)	25100000.39010
Bridge Replacements	011	-	(254,438)		254,438	Orr Street Bridge Reconstruction	0	25100000.39011
Talmage Rd Bike/Ped	013	100	(22,932)				(22,932)	25100000.39013
Open Space Acquisition	015	100	(66,735)				(66,735)	25100000.39015
Smith Street Repairs	021	100	(21,951)		21,951	Smith Street Sidewalk	(0)	25100000.39021
GASB Implementation	024	100	(4,925)				(4,925)	25100000.39024
Benchmark Verification	026	100	(2,905)				(2,905)	25100000.39026
Storm Drain Replacements	027	100	(50,617)		50,617	Fairgrounds Storm Drain - Partial only	0	25100000.39027
Upgrade Traffic Loops/Signals	028	Gas Tax	(50,000)		25,000	Upgrade Traffic Loop - Orchard to Perkins	(25,000)	25100000.39028
Orchard Ave. Extension	029	100	(115,000)				(115,000)	25100000.39029
Cleveland Lane Drainage	031	100	(190,785)		160,000	Drainage used for MUSEUM Project	(30,785)	25100000.39031
Orr Creek Improvements	032	misc	(4,985)				(4,985)	25100000.39032
Asset Management Software	038	UTIL's	(82,171)		60,000	Asset Management Software	(22,171)	25100000.39038
Facility Needs Study	039	100	(50,000)				(50,000)	25100000.39039
Maintenance Yard Development	041	208	(13,018)				(13,018)	25100000.39041
Form Based Code Project	042	100	(925)				(925)	25100000.39042
Todd Grove Picnic Area	044	300	(50,000)				(50,000)	25100000.39044
IT Dept Upgrades	046	100	(81,979)		81,979	I.T. Capital Expenses	0	25100000.39046
Sphere of Influence	047	100	(27,000)	27,000			0	25100000.39047
Perkins St Storm Drain Reserve	280	100	(12,141)		12,141	Perkins Street Storm Drain	0	25100000.39280
Unfederalized601 Reserve	601	601	(313,250)		313,250	Washington Street Reconstruction	0	
Unfederalized603 Reserve	603	603	(347,770)		347,770	Washington Street Reconstruction	0	
Reserve For Encumbrances			(30,334)				(30,334)	
Undesignated			(135,446)	123,000	33,049		20,603	
<b>Summary of Changes</b>			(2,219,181)	250,000	1,429,193		(539,988)	

\* The funding source shows the fund number that funded the reserve amount. In some cases it was various funds such as "Gas Tax" or "Util".

This worksheet shows reserve funds held for Special Projects. The Funding source shows where funds are transferred from. All "Transfers In" include a reserve number which is shown in the column heading "Munis Acct. #". The Expenditure Column represents planned spending for Fiscal Year 2016.  
All funding sources with 100 fund are unrestricted.



# Capital Improvement Program Funding Summary with Funding Sources

Capital Improvement Program Sources of Funding						
		<i>for planning purposes only</i>				
<b>Funding Source</b>	<b>Funding Requested 2015-16</b>	<b>Anticipated Request 2016-17</b>	<b>Anticipated Request 2017-18</b>	<b>Anticipated Request 2018-19</b>	<b>Anticipated Request 2019-20</b>	<b>Total Estimated 5-Year Funding</b>
<b>Airport</b>						
Airport Reserve (Fund 777)	212,375					212,375
FAA Grant - Federal Funding (Fund 777)	202,500					202,500
FAA Grant - State Funding (Fund 777)	10,125					10,125
<b>Sub Total</b>	<b>425,000</b>					<b>425,000</b>
<b>Building Maintenance</b>						
Equipment Reserve (Fund 220)	100,000					100,000
<b>Sub Total</b>	<b>100,000</b>					<b>100,000</b>
<b>Conference Center</b>						
Unfunded	65,000					65,000
<b>Sub Total</b>	<b>65,000</b>					<b>65,000</b>
<b>Electric</b>						
Electric Reserve (Fund 801)	4,745,000	1,225,000	325,000	115,000	65,000	6,475,000
<b>Sub Total</b>	<b>4,745,000</b>	<b>1,225,000</b>	<b>325,000</b>	<b>115,000</b>	<b>65,000</b>	<b>6,475,000</b>
<b>Engineering - Public Works</b>						
Special Project Reserve (Fund 251)	338,438					338,438
Special Revenue (Fund 250)	252,500	300,000	1,531,000			2,083,500
STP d(1) (Fund 509)	36,500	-				36,500
<b>Sub Total</b>	<b>627,438</b>	<b>300,000</b>	<b>1,531,000</b>			<b>2,458,438</b>

(Continued)



# Capital Improvement Program Funding Summary with Funding Sources (Continued)

Capital Improvement Program Sources of Funding						
		<i>for planning purposes only</i>				
<b>Funding Source</b>	<b>Funding Requested 2015-16</b>	<b>Anticipated Request 2016-17</b>	<b>Anticipated Request 2017-18</b>	<b>Anticipated Request 2018-19</b>	<b>Anticipated Request 2019-20</b>	<b>Total Estimated 5-Year Funding</b>
<b>Finance</b>						
Equipment Reserve (Fund 220)	117,524					117,524
<b>Sub Total</b>	<b>117,524</b>					<b>117,524</b>
<b>Fire - Public Safety</b>						
Equipment Reserve (Fund220)	65,000					65,000
<b>Sub Total</b>	<b>65,000</b>					<b>65,000</b>
<b>Garage</b>						
Equipment Reserve (Fund 220)	110,000					110,000
<b>Sub Total</b>	<b>110,000</b>					<b>110,000</b>
<b>Golf</b>						
Golf Fund (Tayman Park)(Fund 720)	155,000					155,000
<b>Sub Total</b>	<b>155,000</b>					<b>155,000</b>
<b>Information Technology</b>						
Equipment Reserve (Fund 220)	143,022					143,022
Project Reserve (Fund 251)	81,978					81,978
<b>Sub Total</b>	<b>225,000</b>					<b>225,000</b>
<b>Grace Hudson Museum</b>						
Unfunded	25,000					25,000
<b>Sub Total</b>	<b>25,000</b>					<b>25,000</b>

(Continued)



# Capital Improvement Program Funding Summary with Funding Sources (Continued)

Capital Improvement Program Sources of Funding						
		<i>for planning purposes only</i>				
	Funding Requested 2015-16	Anticipated Request 2016-17	Anticipated Request 2017-18	Anticipated Request 2018-19	Anticipated Request 2019-20	Total Estimated 5-Year Funding
<b>Funding Source</b>						
<b><u>Parks</u></b>						
Prop 84 (Fund 310)	2,300,000	240,000				2,540,000
Housing Grant	142,800					142,800
Habitat Conservation Fund Grant (HCF)	140,000					140,000
Project Reserve (Fund 251)	160,000					160,000
Anton Reserve (Fund 301)	18,000					18,000
Unfunded	193,663					193,663
<b>Sub Total</b>	<b>2,954,463</b>	<b>240,000</b>				<b>3,194,463</b>
<b><u>Police</u></b>						
Equipment Reserve (Fund 220)	120,000					
Unfunded		120,000	120,000	120,000	120,000	480,000
<b>Sub Total</b>	<b>120,000</b>	<b>120,000</b>	<b>120,000</b>	<b>120,000</b>	<b>120,000</b>	<b>600,000</b>
<b><u>Storm Drain</u></b>						
Project Reserve (Fund 251)	50,617					50,617
Unfunded	124,383					124,383
<b>Sub Total</b>	<b>175,000</b>					<b>175,000</b>
<b><u>Streets</u></b>						
Special Revenue (Fund 250)	1,951,500					1,951,500
Project Reserve (Fund 251)	716,019					716,019
STIP (Fund 507)	227,000	1,235,000				1,462,000
STP d (1) (Fund 509)	350,500	150,000				500,500
Congestion Relief (Fund 510)	400,000					400,000
Unfunded	4,072,141					4,072,141
<b>Sub Total</b>	<b>7,717,160</b>	<b>1,385,000</b>				<b>9,102,160</b>

(Continued)



# Capital Improvement Program Funding Summary with Funding Sources

Capital Improvement Program Sources of Funding						
		<i>for planning purposes only</i>				
Funding Source	Funding Requested 2015-16	Anticipated Request 2016-17	Anticipated Request 2017-18	Anticipated Request 2018-19	Anticipated Request 2019-20	Total Estimated 5-Year Funding
<b>Wastewater</b>						
Equipment Reserve (Fund 220)	200,000					200,000
Prop 84 (Fund 607)	2,090,191	17,152,000				19,242,191
Sewer Operating (Fund 840)	250,000					250,000
Sewer Capital (Fund 844)	1,084,770					1,084,770
<b>Sub Total</b>	<b>3,624,961</b>	<b>17,152,000</b>				<b>20,776,961</b>
<b>Water</b>						
Fund 220 Equipment Reserve	75,000					75,000
Fund 607 Prop 84 Grant	125,000					125,000
Fund 822 Water CIP Fund	4,167,500					4,167,500
Millview Water District (Fund 607)	31,250					31,250
Willow Water District (Fund 607)	31,250					31,250
<b>Sub Total</b>	<b>4,430,000</b>					<b>4,430,000</b>
<b>Total</b>	<b>\$ 25,681,546</b>	<b>\$ 20,822,000</b>	<b>\$ 1,976,000</b>	<b>\$ 235,000</b>	<b>\$ 185,000</b>	<b>\$ 47,967,405</b>



## 2015-16 Unfunded Capital Projects

	Project Amount	Amount Funded	Amount Unfunded
<b><u>Conference Center</u></b>			
HVAC System Renovation	\$ 30,000	\$ -	\$ 30,000
Bathroom Efficiency Update	\$ 35,000	\$ -	\$ 35,000
Subtotal	<b>\$ 65,000</b>	<b>\$ -</b>	<b>\$ 65,000</b>
<b><u>Grace Hudson Museum</u></b>			
Roof Repair	\$ 25,000	\$ -	\$ 25,000
Subtotal	<b>\$ 25,000</b>	<b>\$ -</b>	<b>\$ 25,000</b>
<b><u>Parks</u></b>			
Replace Toro Grounds master 4000D	\$ 25,000	\$ -	\$ 25,000
Replace Dodge D200 Utility Truck	\$ 40,000	\$ -	\$ 40,000
Anton Stadium Irrigation System Renovation	\$ 128,663	\$ -	\$ 128,663
Subtotal	<b>\$ 193,663</b>	<b>\$ -</b>	<b>\$ 193,663</b>
<b><u>Storm Drain</u></b>			
Replace Storm Drain at 12th District Fairgrounds	\$ 175,000	\$ -	\$ 175,000
Subtotal	<b>\$ 175,000</b>	<b>\$ -</b>	<b>\$ 175,000</b>
<b><u>Streets</u></b>			
Talmage Rd. & US 101 Interchange Improvements	\$ 1,700,000	\$ -	\$ 1,700,000
Redwood Business Park Transportation Improvements	\$ 1,200,000		\$ 1,200,000
Replace Street Sweeper	\$ 240,000	\$ 33,049	\$ 206,951
Subtotal	<b>\$ 3,140,000</b>		<b>\$ 3,106,951</b>
<b>Total</b>	<b>\$ 5,598,663</b>	<b>\$ 33,049</b>	<b>\$ 3,565,614</b>





# AIRPORT

CAPITAL BUDGET FISCAL YEAR 2015-2016



## Capital Projects - Airport

<b>Fiscal Year 2016 Capital Items:</b>	<b>\$425,000</b>
<u>Funding Source Available:</u>	
Fund Transfer from Airport Reserves Fund 777 to Fund 778	\$ 12,375
Fund Transfer from Airport Reserves Fund 777 to Fund 779	\$200,000
FAA Grant – Federal Funding	\$202,500
FAA Grant – State Funding	<u>\$ 10,125</u>
Total Fund Sources	\$425,000
<u>Summary of Airport Projects:</u>	
• Runway 15-33 Pavement Rehabilitation & Taxiway Realignment (Design)	\$190,000
• PNC Calculation & Pavement Report	\$ 35,000
• Fuel Tank	\$200,000



# Runway 15-33 Pavement Rehabilitation & Taxiway Realignment (Design)



Estimated Project Costs For FY 2016	\$190,000
Status	

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
FAA Grant – Federal		171,000	540,000	540,000	540,000	643,500	\$2,434,500
FAA Grant – State		8,550	27,000	27,000	27,000	32,175	121,725
Airport Reserve (Fund 777)		<u>10,450</u>	<u>33,000</u>	<u>33,000</u>	<u>33,000</u>	<u>39,325</u>	<u>148,775</u>
		\$190,000	\$600,000	\$600,000	\$600,000	\$715,000	\$2,705,000

**Project Description:** This is a FAA design grant and is part of a larger four year future project. This project is needed to perform much needed pavement rehabilitation and taxiway realignment. These changes have been identified on the newest Airport Layout Plan. The total project is estimated at \$2.5 million which will be paid for with additional FAA grant funds. The estimated cost to the City will be approximately \$33,000 annually over the next four years as the project is built and will depend on future funding from the FAA.

## FY 2015/2016



# PNC Calculation & Pavement Report



Estimated Project Costs For FY 2016	<b>\$35,000</b>
Status	

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
FAA Grant – Federal		31,500					31,500
FAA Grant – State		1,575					1,575
Airport Reserve (Fund 777)		<u>1,925</u>					<u>1,925</u>
		\$35,000					\$35,000

Project Description: Pavement Calculation Number (PCN) Calculation and Pavement report is a FAA funded grant project that would allow staff to better evaluate the current conditions of the airport runways and taxiways.

## FY 2015/2016



# Fuel Tank



Estimated Project Costs For FY 2016	\$200,000
Status	

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Airport Reserve (Fund 777)		\$200,000					\$200,000

Project Description: Over the past few years the airport had record numbers of fuel sales due to fires in the area. Although the amount of fuel sold was abnormally high, the airport was unable at times to keep up with the demands and needs of our customers for fuel. Increasing fuel capacities will provide better service and increased revenue for the airport in. With the installation of a 12,000 gallon 100LL (AVGAS) self-serve tank and the ability to store 25,000 gallons of jet A fuel, the airport will be able to keep up with the high demands of fuel sales during the fire season.

# FY 2015/2016

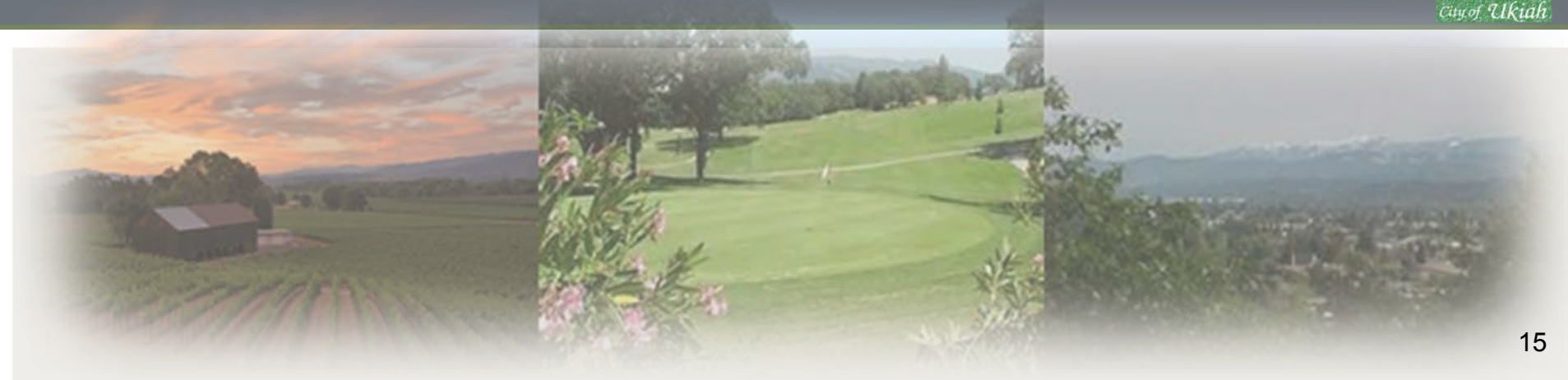


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# BUILDING MAINTENANCE

CAPITAL BUDGET FISCAL YEAR 2015-2016





## Capital Projects – Building Maintenance

<b>Fiscal Year 2016 Capital Items:</b>	<b>\$100,000</b>
<u>Funding Source Available:</u>	
Equipment Reserve Funds-	
22000000.38195 Building Maintenance Reserve	<u>\$100,000</u>
Total Funding Sources	\$100,000
<u>Summary of Building Maintenance Projects:</u>	
Civic Center Annex Facia Renovation	\$ 30,000
Civic Center Front Lobby Redesign	\$ 45,000
Civic Center Entryway Renovation	\$ 25,000





# Civic Center Annex Facia Renovation



Estimated Project Costs For FY 2016	\$30,000
Status	

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Equipment Reserve ( Fund 220)		\$30,000					\$30,000

Project Description: The facia on the Annex is in crucial need of repair in order to prevent failure.

## FY 2015/2016



# Civic Center Front Lobby Redesign



Estimated Project Costs For FY 2016	\$45,000
Status	

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Equipment Reserve ( Fund 220)		\$45,000					\$45,000

Project Description: Front lobby redesign to comply to current standards. Also needed is a counter upgrade to better facilitate customer service.

## FY 2015/2016



## Civic Center Entryway Renovation



Estimated Project Costs For FY 2016	\$25,000
Status	

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Equipment Reserve (Fund 220)		\$25,000					\$25,000

**Project Description:** The tile work at the entrance to the Civic Center is damaged and missing tiles in many places. These flaws create uneven walkways and an unattractive appearance.

# FY 2015/2016



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# CONFERENCE CENTER

CAPITAL BUDGET FISCAL YEAR 2015-2016



## Capital – Conference Center

<b>Fiscal Year 2016 Capital Items:</b>	<b>\$65,000</b>
	<b>Unfunded</b>
<u>Funding Source Available:</u>	
No funding identified	\$ 0
	<u>          </u>
Total Funding Sources	\$ 0
<u>Summary of General Capital Projects:</u>	
Conference Center HVAC System Renovation	\$30,000
	Unfunded
Conference Center Bathroom Efficiency Update	\$35,000
	Unfunded





# Conference Center HVAC System Renovation



Estimated Project Costs For FY 2016	\$30,000
Status	Unfunded

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Unfunded		\$30,000					\$30,000

**Project Description:** The HVAC unit that supports the Chardonnay & Riesling rooms has permanently failed per the evaluation of a 3<sup>rd</sup> party contractor, making the rooms un-rentable (due to no heat or air conditioning) in inclement weather. The entire 20+ year system needs full replacement. As funds allow, the remaining HVAC units will need to be upgraded.

## FY 2015/2016



# Conference Center Bathroom Efficiency Update



Estimated Project Costs For FY 2016	\$35,000
Status	Unfunded

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Unfunded		\$35,000					\$35,000

## Project Description:

Project Description: After opening in July of 1994, the public restrooms at the UVCC have never been upgraded. With over twenty years of heavy use, the deterioration of the amenities and lack of efficiency in fixtures bring them past their useful life. There will also be significant water savings from replacing the twenty year old urinals (5), toilets (11), and sinks (8).

# FY 2015/2016





# ELECTRIC

CAPITAL BUDGET FISCAL YEAR 2015-2016



# Capital Projects - Electric

<b>Fiscal Year 2016 Capital Items:</b>	<b>\$4,745,000</b>
<u>Funding Source Available:</u>	
Electric Capital Improvement Project (CIP) Fund 801 (transfer from 800 Operations to 801 CIP Fund)	<u>\$4,745,000</u>
Total Fund Sources	\$4,745,000
<u>Summary of Electric Capital Projects:</u>	
PCB Transformer Replacement	\$ 20,000
Pole – Replacements	\$ 15,000
Automated Meter Reading – AMI	\$1,990,000
AMI – Loading & Fault Locating	\$ 40,000
Communication Upgrades	\$ 80,000
Transformer Upgrades	\$ 25,000
State St Widening – Pole/Equipment Upgrades	\$ 40,000
#6 Reconductor and System Tap Protection	\$ -

(Continued)



## Capital Projects- Electric (Continued)

Digger Derrick	\$ 380,000
E-Truck	\$ 40,000
Foreman Truck	\$ 75,000
On-Call Sub Truck	\$ 40,000
Underground System Switching Upgrades/Oak Manor	\$ 180,000
Underground System Switching Upgrades/Leslie-Gobbi Vault	\$ 60,000
600 Amp Connector Replacement/Orchard Ave	\$ 10,000
Low Gap 200 & 600 Amp Upgrades	\$ 150,000
Perkins Street Underground Project – Phase 2	\$ 180,000
Perkins Street Underground Project – Street Lighting	\$ 145,000
Substation Transformer #1 and #3 Repair	\$ 400,000
Hydro Electric Plant Seal Repair	\$ 175,000
Electric Service Center Improvements	\$ 700,000

# PCB Transformer Replacement



Estimated Project Costs For FY 2016	\$20,000
Status	

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Electric Capital (Fund 801)		20,000	30,000	30,000			\$80,000

Project Description: A three year replacement of 14 overhead and pad mounted transformers contaminated with low levels of Polychlorinated Biphenyls (PCBs). Replacement will limit environmental concerns and remove older units from service.

## FY 2015/2016



# Pole - Replacements



Estimated Project Costs For FY 2016	\$15,000
Status	

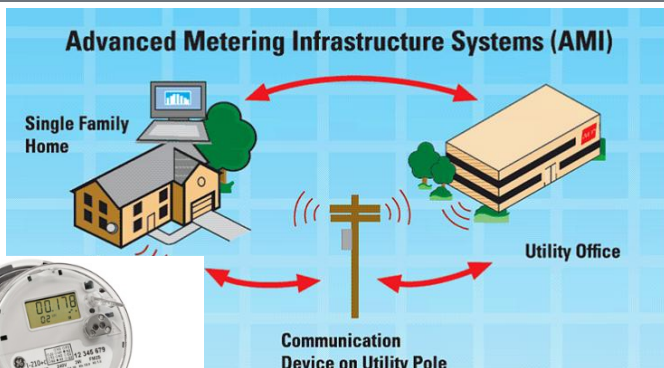
Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Electric Capital (Fund 801)		15,000	50,000	50,000	50,000		\$165,000

Project Description: Remaining three year of an eight year wood pole replacement program. In 2010, all wood poles were tested and approximately 220 poles were determined to require future replacement. On a scheduled basis, wood poles are replaced based on their tested classification of condition. Pole replacement insures system reliability and safety.

## FY 2015/2016



# Automated Meter Reading – AMI



Estimated Project Costs For FY 2016	\$1,990,000
Status	

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Electric Capital(Fund 801)		1,990,000	200,000	50,000			\$2,240,000

Project Description: FY 2016: Meter replacement program replacing approximately 8,100 meters with two-way communication and associated infrastructure to remotely read usage, voltage and outage information. Provides the electric customer with near real time usage information on a 24/7 basis. Significant improvement to system reliability and outage restoration resulting in fewer & shorter outages.  
 FY 2017 & 2018: Anticipated system expansions and reinforcements.

## FY 2015/2016



# AMI – Loading & Fault Locating



Estimated Project Costs For FY 2016	\$40,000
Status	

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Electric Capital (Fund 801)		40,000	50,000	30,000			\$120,000

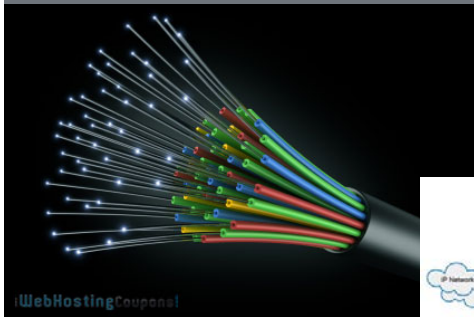
Project Description: A three year program to install communication enabled fault monitoring equipment that detects real time line loading, line voltage levels and system faults. Will improve system performance and reliability of power delivered to Ukiah customers.

**FY 2015/2016**





# Communication Evaluation



Estimated Project Costs For FY 2016	\$80,000
Status	

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Electric Capital(Fund 801)		80,000					\$80,000

Project Description: Communication pilot program to develop machine to machine and machine to operator communication system connecting the Electric Service Center to various field equipment. Project includes a cost-performance evaluation and possible deployment of fiber for electric system operation. Possible future system expansion pending on a cost benefit analysis.

**FY 2015/2016**





# Transformer Upgrades



Estimated Project Costs For FY 2016	\$25,000
Status	

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Electric Capital(Fund 801)		25,000	25,000	25,000	25,000	25,000	\$125,000

Project Description: Due to equipment age, condition and vintage, transformers require replacement to insure operational reliability on a yearly basis.

**FY 2015/2016**



## State Street Widening – Pole Relocation



Estimated Project Costs For FY 2016	\$40,000
Status	

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Electric Capital (fund 801)		40,000	40,000	40,000	40,000	40,000	\$200,000

**Project Description:** This capital expenditure cover the cost to relocate Electric Department equipment, located in street right of way, due to City funded street widening projects. Typically this may include street realignment, sidewalk widening, lane additions or street improvement not part of a private development.

**FY 2015/2016**



## #6 Reconductor and System Tap Protection



Estimated Project Costs For FY 2016	\$0
Status	

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Electric Capital (Fund 801)		-	130,000	100,000			\$230,000

### Project Description:

FY 2017: Conductor upgrades on east Brush St. and install line protection equipment at various locations throughout the City to improve capacity and outage coordination resulting in shorter and smaller power outages.

FY 2018: Replace No.6 conductor at various locations within the City and install line protection equipment at various locations to improve capacity and outage coordination resulting in shorter and smaller power outages.

# FY 2015/2016



# Digger Derrick



Estimated Project Costs For FY 2016	\$380,000
Status	

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Electric Capital (Fund 801)		380,000					\$380,000

Project Description: Purchase of a digger derrick line truck to retire an existing similar truck. This truck is needed for additional reach capacity to set taller poles and will satisfy the Air Resources Board (ARB) diesel motor compliance requirements.

**FY 2015/2016**



# E-Vehicle



Estimated Project Costs For FY 2016	\$40,000
Status	

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Electric Capital (Fund 801)		40,000					\$40,000

Project Description: Replaces a pickup fleet vehicle with a utility type hybrid or electric vehicle that will be shared by engineering and administration staff. This vehicle purchase will improve availability of staff to respond to customer field visits reducing the need to dispatch a larger truck or line crew resulting in cost savings. Department goal is to manage vehicle inventory while reducing carbon emissions and improve customer service.

**FY 2015/2016**





# Foreman Truck



Estimated Project Costs For FY 2016	\$75,000
Status	

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Electric Capital (Fund 801)		75,000					\$75,000

Project Description: Purchase Foreman’s crew cab or cab and a half truck used for transporting poles and heavy equipment for overhead and underground line construction. Truck will replace one existing utility fleet truck with no increase to the fleet count.

**FY 2015/2016**



## On-Call Sub Truck



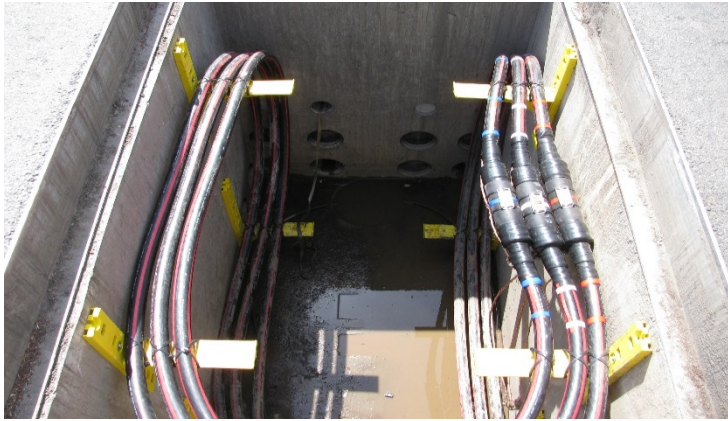
Estimated Project Costs For FY 2016	\$40,000
Status	

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Electric Capital(Fund 801)		40,000					\$40,000

Project Description: Replacement of one on-call utility cab and a half truck. The existing truck has been unreliable and considering age and mileage it is recommended to retire current unit. There is no net increase to utility fleet count.

**FY 2015/2016**

# Underground System Switching Upgrades – Oak Manor



Estimated Project Costs For FY 2016	\$180,000
Status	

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Electric Capital (Fund 801)		180,000					\$180,000

**Project Description:** Replace selected transformers and install switching equipment in the Oak Manor area. Over the last few years, Oak Manor customers have experienced frequent and long term outages. This will be the first step in being able to isolate problems to a small number of customers and restore power to the vast majority while performing repairs.

**FY 2015/2016**





# Underground System Switching Upgrades – Leslie-Gobbi Vault



Estimated Project Costs For FY 2016	\$60,000
Status	

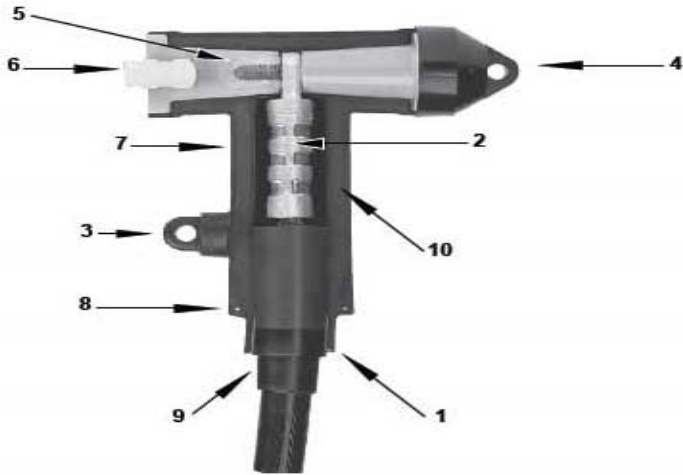
Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Electric Capital (Fund 801)		60,000					\$60,000

Project Description: Leslie-Gobbi Vault switching upgrade to provide the ability to restore power between an overhead and underground systems in an efficient and timely manor.

**FY 2015/2016**



# 600 Amp Connector Replacement – Orchard Avenue



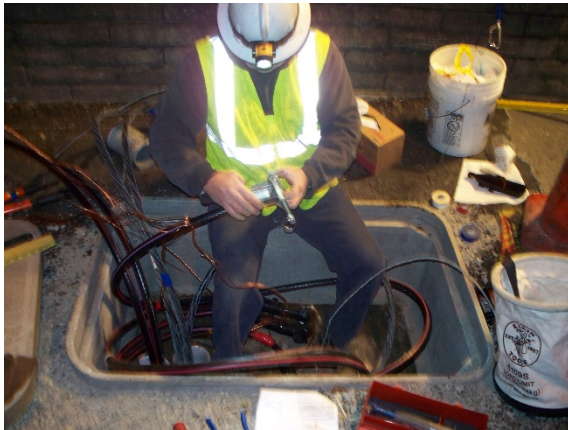
Estimated Project Costs For FY 2016	\$10,000
Status	

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Electric Capital (Fund 801)		10,000					\$10,000

Project Description: Inspect and replace main underground feeder connectors located within underground vaults along Orchard Avenue.

**FY 2015/2016**

# Low Gap 200 & 600 Amp Upgrades



Estimated Project Costs For FY 2016	\$150,000
Status	

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Electric Capital(Fund 801)		150,000					\$150,000

Project Description: Phase 2 completes the system upgrade in the west Low Gap area. This phase includes the wire, switches and junction pedestals necessary to complete the improvements that will provide better reliability, fewer number of power interruptions, and shorter outages.

**FY 2015/2016**



## Perkins Street Underground Project – Phase 2



Estimated Project Costs For FY 2016	<b>\$180,000</b>
Status	

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Electric Capital (Fund 801)		180,000					\$180,000

**Project Description:** Phase 2 will complete the electric overhead to underground conversion work along Perkins Street between State Street and Hwy 101. This phase includes the wire, switches, junction boxes and customer service panel hookups needed to complete the conversion.

**FY 2015/2016**

# Perkins Street Underground Project – Street Lighting



Estimated Project Costs For FY 2016	\$145,000
Status	

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Electric Capital(Fund 801)		145,000					\$145,000

**Project Description:** This work will complete the street light portion of the overhead to underground conversion along Perkins Street between State Street and Hwy 101. This phase includes the wire, junction boxes, fusing, equipment and labor needed to complete the street lighting project.

**FY 2015/2016**



# Substation Transformer #1 and #3 Repair



Estimated Project Costs For FY 2016	\$400,000
Status	

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Electric CApital (Fund 801)		400,000					\$400,000

Project Description: Project will replace the 1) Low voltage bushings, 2) Repair radiator valves and 3) Replace gaskets on 30 year old power transformers No.1 and 3 located at Orchard Substation. Bushings have failed testing (Unit No.1) and gaskets are leaking. Work would replace all low voltage bushings, gaskets and rebuilding valves. Recommended to insure continued operation of the transformers.

**FY 2015/2016**





# Hydro Electric Plant Seal Repair



Estimated Project Costs For FY 2016	\$175,000
Status	

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Electric Capital (Fund 801)		175,000					\$175,000

Project Description: Replace tainter valve seal and brace gate as necessary. Project will reduce the amount of water being bypassed and increases water going through the turbines. The net effect would increase generation by 4-7 percent. Additionally, gate maintenance is required to be in compliance with the JFERC permit.

**FY 2015/2016**



# Electric Service Center Improvements



Estimated Project Costs For FY 2016	\$700,000
Status	

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Electric Capital (Fund 801)		700,000	700,000				\$1,400,000

**Project Description:** FY 2016 Phase 1: Electric Utility property located at 1350 Hastings work includes: site grading, fencing, roof repair and roll-up door repair. Interior warehouse shelving, lighting and office remodel, crew restroom and shower facilities, ready and training room design and improvements, site security, system monitoring equipment and employee lunch area.

FY 2017 Phase 2: Interior upgrades to serve as the City's Service Center: including offices, conference/customer meeting facilities, reception area, energy demonstration area, site paving, wire handling storage equipment and solar shade structures.

## FY 2015/2016





# ENGINEERING

CAPITAL BUDGET FISCAL YEAR 2015-2016



## Capital Projects - Engineering

**Fiscal Year 2016 Capital Items: \$672,438**

Funding Sources Available:

Special Projects Reserves (Fund 251)-	
25100000.39001 Grant Match Reserve	\$ 19,000
25100000.39010 ADA Ramp Reserve	\$ 50,000
25100000.39011 Bridge Replacement Reserve	\$254,438
25100000.39038 Asset Management Software Reserve	\$ 60,000
Special Revenue (Fund 250):	
25000000.43190 State Funding – Special Projects Fund	\$252,500
STP d(1) (Fund 509)	<u>\$ 36,500</u>
<b>Total Funding Sources</b>	<b>\$672,438</b>

Summary of Capital Engineering Projects:

NWP Rail Trail (Phase 2 Gobbi St. to Commerce Dr.)	\$ 19,000
ADA – Ramps throughout the City	\$ 50,000
Orr Street Bridge reconstruction	\$254,438
Asset Management Software	\$ 60,000
Downtown Streetscape Improvement, Phase 1 (Design)	\$289,000



# NWP Rail Trail (Phase 2 – Gobbi St. to Commerce Dr.)



Estimated Project Costs For FY 2016	<b>\$19,000</b>
Status	Grant Application Submitted on June 1, 2015

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Special Project Reserve (Fund 251)		\$19,000					\$19,000
Cal Trans Grant			\$300,000	\$1,531,000			<u>\$1,831,000</u>
							\$1,850,000

Project Description: Planning , design and construction of Phase 2 of the North West Pacific (NWP) Rail Trail project between Gobbi St. and Commerce Dr.

FY 2016: Grant Match – City (\$19,000)

FY 2017: Environmental & permits (\$75,000); Plans & specifications (\$200,000);and Right of way (\$25,000)

FY 2018: Construction management & inspections (\$150,000) and Construction (\$1,395,000)

## FY 2015/2016



# ADA – Ramps Throughout the City



Estimated Project Costs For FY 2016	\$50,000
Status	

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Special Project Reserve (Fund 251)		\$50,000					\$50,000

Project Description: Construct and replace non-compliant or non-existing ADA ramps at various locations throughout the city

## FY 2015/2016



# Orr Street Bridge Reconstruction



Estimated Project Costs For FY 2016	\$254,438
Status	On Hold

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Special Project Reserve (Fund 251)		\$254,438					\$254,438

Project Description: Reconstruction of the Orr Street Bridge over Orr Creek.

FY 2016: Environmental, Design & Permits

FY 2017: Construction

# FY 2015/2016





# Asset Management Software



Estimated Project Costs For FY 2016	\$60,000
Status	

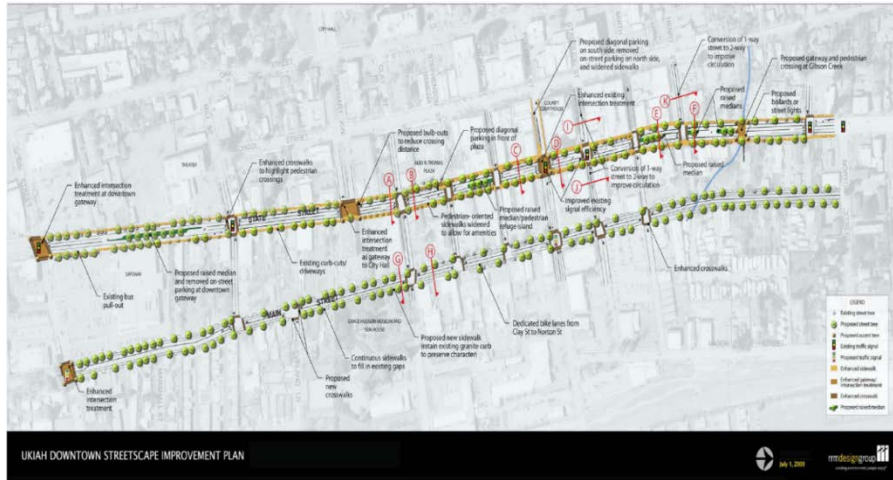
Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Special Project Reserve (Fund 251)		\$60,000					\$60,000

Project Description: Renewal of ArcGIS License which is utilized by Electric, Water and Sewer.

## FY 2015/2016



# Downtown Streetscape Improvement, Phase 1 (Design)



Estimated Project Costs For FY 2016	\$289,000
Status	

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Special Revenue Funds:							
State Revenue HSIP (Fund 250)		103,500					103,500
State Revenue TE (Fund 250)		149,000					\$149,000
STP d(1) (Fund 509)		<u>36,500</u>					<u>\$36,500</u>
		\$289,000					\$289,000

Project Description: FY 2016: Design funds for the Downtown Streetscape Improvement Project, Phase 1. Phase 1 is State St (Henry to Mill) Standley (School to Main), Henry (School to State) and Perkins (School to Main). Construction of planned improvements are budgeted in the Public Works Street CIP.

## FY 2015/2016



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# FINANCE

CAPITAL BUDGET FISCAL YEAR 2015-2016



## Capital Projects - Finance

<b>Fiscal Year 2016 Capital Items:</b>	<b>\$117,524</b>
<u>Funding Source Available:</u>	
Equipment Reserve Fund:	
22000000.38130 Finance – Misc.	\$ 3,389
22000000.38697 Finance – Utility Billing	<u>\$ 114,135</u>
(Includes transfer from Fund 205 Utility Billing for \$100,000)	
Total Fund Sources	\$117,524
<u>Summary of Finance Capital Projects:</u>	
Financial Software	\$ 117,524



# Financial Software



Estimated Project Costs For FY 2016	\$117,524
Status	

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Equipment Reserve (Fund 220)		3,389					3,389
Equipment Reserve (Fund 220)		<u>114,135</u>					<u>\$114,135</u>
Total		\$117,524					\$117,524

Project Description: Implementation of the Utility Billing Software to integrate to Munis

## FY 2015/2016



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# FIRE

CAPITAL BUDGET FISCAL YEAR 2015-2016



## Capital Projects – Fire

<b>Fiscal Year 2016 Capital Items:</b>	<b>\$65,000</b>
<u>Funding Source Available:</u>	
Equipment Reserve Fund 220	
22000000.38313 Fire - Equipment	<u>\$65,000</u>
Total Funding sources	\$65,000
<u>Summary of Fire Capital Projects:</u>	
Replacement Funds for Fire Apparatus \$207,223 (Funds are reserved in Fund 220. No request to expend these funds is requested for FY 2016.)	
Replace SCBA Air Cylinders	\$15,000
Replace One Defibrillator	\$30,000
Replace Fire Hose	\$20,000



# Replacement Funds for Fire Apparatus



Estimated Project Costs For FY 2016	\$0
Status	Reserve

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Equipment Reserve (Fund 220)		\$0					\$0

Project Description: Set aside replacement funds Fire Apparatus. Apparatus replacement plan needs to be updated. (Funds are reserved in fund 220 Fire Apparatus; \$207,223 fiscal year 2016 contribution.)

## FY 2015/2016



# Replace SCBA Air Cylinders



Estimated Project Costs For FY 2016	\$15,000
Status	

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Equipment Reserve (Fund 220)		\$15,000	\$15,000				\$30,000

Project Description: Replace 12 SCBA air cylinders needed for firefighters.

# FY 2015/2016





# Replace One Defibrillator



Estimated Project Costs For FY 2016	\$30,000
Status	

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Equipment Reserve (Fund 220)		\$30,000					\$30,000

Project Description: Replace one defibrillator, this bring the total to twelve.

## FY 2015/2016



# Replace Old Fire Hose



Estimated Project Costs For FY 2016	\$20,000
Status	

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Equipment Reserve (Fund 220)		\$20,000					\$20,000

Project Description: Replace old fire hose.

## FY 2015/2016



# GARAGE

CAPITAL BUDGET FISCAL YEAR 2015-2016



## Capital Projects – Garage

<b>Fiscal Year 2016 Capital Items:</b>	<b>\$110,000</b>
<u>Funding Source Available:</u>	
Equipment Reserve Fund 220	
22000000.38575 Garage Reserve	<u>\$110,000</u>
Total Fund Sources	\$110,000
<u>Summary of Garage Capital Projects:</u>	
Replace Overhead Lube System	\$ 10,000
Replace Service Truck	\$100,000



# Replace Overhead Lube System



Estimated Project Costs For FY 2016	\$10,000
Status	

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Equipment Reserve (Fund 220)		\$10,000					\$10,000

Project Description: Replace overhead lube system at the garage due to its age and failing condition

## FY 2015/2016



# Replace Service Truck



Estimated Project Costs For FY 2016	\$100,000
Status	

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Equipment Reserve (Fund 220):		\$100,000					\$100,000

Project Description: Replace existing service truck due to its age and condition. New service truck will have a service body, crane, and portable welder.

# FY 2015/2016





# GOLF COURSE

CAPITAL BUDGET FISCAL YEAR 2015-2016





## Capital Projects- Golf Course

<b>Fiscal Year 2016 Capital Items:</b>	<b>\$155,000</b>
<u>Funding Sources Available:</u>	
Tayman Park Golf Course	<u>\$155,000</u>
Total Funding Sources	\$155,000
<u>Summary of Golf Course Capital Projects:</u>	
Develop Water Source	\$75,000
Tee Reconstruction	\$10,000
Fairway & Collar Resurface	\$13,000
Replace Turf Heads, Valves etc.	\$18,000
Pro Shop & Todd Grove Room Improvements	\$29,000
Cart Path Repairs	\$10,000

**All golf projects are funded and managed by Tayman Park Golf per their lease agreement of the Course.**



## Develop Water Source



Estimated Project Costs For FY 2016	\$75,000
Status	

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Tayman Park		\$75,000					\$75,000

Project Description: Additional water for the course separate from the City’s potable water supply is desired. Possible development of an onsite irrigation well if the City’s water source investigation demonstrates a viability resource.  
 Funded & Managed by Tayman Park per lease agreement

# FY 2015/2016



# Tee Reconstruction



Estimated Project Costs For FY 2016	\$10,000
Status	

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Tayman Park		\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000

Project Description: Most of the current tee’s in use have flaws. There is an enough space to keep them fresh throughout the playing months, but not all of the area is useable space. Each year, some tees will be reconstructed including the removal of sod, flatten the entire teeing area and create more useable space. This creates less work for staff and the tees will look great throughout the season. Two tees are scheduled for reconstruction this year.

Funded & Managed by Tayman Park per lease agreement

# FY 2015/2016



# Fairway & Collar Resurface



Estimated Project Costs For FY 2016	\$13,000
Status	

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Tayman Park		\$13,000					\$13,000

Project Description: Year 3 will continue fairway and collar resurface with sand and compost added to improve soil makeup. The fairways, green bank and collars continue to improve the appearance and playability of our course.

Funded & Managed by Tayman Park per lease agreement

# FY 2015/2016



# Replace Existing Turf Heads, Valves, Swing Joints, Nozzles & Controllers



Estimated Project Costs For FY 2016	<b>\$18,000</b>
Status	

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Tayman Park		\$18,000					\$18,000

**Project Description:** A total of 280 old worn out turf irrigation heads, valves, swing joints and nozzle assembly units to date. Replacing worn out parts continues to improve the irrigation system. Conditions on the course continue to improve and additional investment in this area will only be positive. Improved revenue and water savings are now real. Funded & Managed by Tayman Park per lease agreement

# FY 2015/2016





# Pro Shop & Todd Grove Room A/C Units. Patio & License Upgrade



Estimated Project Costs For FY 2016	\$29,000
Status	

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Tayman Park		\$29,000					\$29,000

**Project Description:** The Pro Shop and Todd Grove Room improvement project will include HVAC and patio upgrades. Three existing Units in the Pro Shop are far past their useful life and will be replaced. New units will result in energy savings of up to 30%. Patio and ABC License upgrade will improve food and beverage service.

Funded & Managed by Tayman Park per lease agreement

# FY 2015/2016



# Cart Path Repair



Estimated Project Costs For FY 2016	<b>\$10,000</b>
Status	

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Tayman Park		\$10,000					\$10,000

Project Description: The disrepair of the cart paths are causing damage to the rental fleet and private carts. Every year areas of the cart paths are scheduled for repair.  
 Funded & Managed by Tayman Park per lease agreement

# FY 2015/2016





# INFORMATION TECHNOLOGY

CAPITAL BUDGET FISCAL YEAR 2015-2016



## Capital Projects – Information Technology

<b>Fiscal Year 2016 Capital Items:</b>	<b>\$225,000</b>
<u>Funding Source Available:</u>	
Special Projects Reserve (Fund 251)	
25100000.39046 I.T. Upgrades Reserve	\$ 81,978
Equipment Reserve (Fund 220)	
22000000.38196 Computer Support Reserve	<u>\$ 143,022</u>
Total Fund Sources	\$225,000
<u>Summary of Information Technology Capital Projects:</u>	
Council Chambers Electronic Renovation	\$ 75,000
Access Point Wi-Fi (Civic Center and Annex)	\$ 20,000
Access Point Wi-Fi (for different sites after W-Wan is installed)	\$ 30,000
Cardlock System	\$ 15,000
Routers to Purchase for W-WAN Implementation	\$ 25,000
Switch/Router (end of life replacement)	\$ 40,000
Checkpoint Appliance for HA Cluster for Redundant Switch-Over to Additional Gateway	\$ 20,000



# Council Chambers Electronic Renovation



Estimated Project Costs For FY 2016	\$75,000
Status	

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Special Project Reserve (Fund 251)		\$75,000					\$75,000

**Project Description:** This will involve replacement of the current audio system, as well as the cameras that are currently in place. The new cameras will offer much better operability and resolution. A podium presenter will also be available for constituents and other parties to present their material to Council.

## FY 2015/2016



## Access Point Wi-Fi (Civic Center and Annex)



Estimated Project Costs For FY 2016	\$20,000
Status	

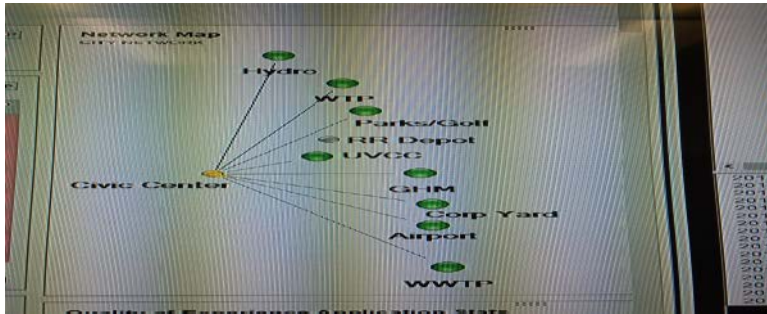
Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Equipment Reserve (Fund 220)		\$20,000					\$20,000

Project Description: Access points will be placed in the Civic Center and Annex, allowing access to the internet for employees and public. The current WiFi system is antiquated and at maximum allowance for additional access points.

# FY 2015/2016



# Access Point Wi-Fi (for different sites after W-Wan is installed)



Estimated Project Costs For FY 2016	\$30,000
Status	

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Equipment Reserve (Fund 220)		\$30,000					\$30,000

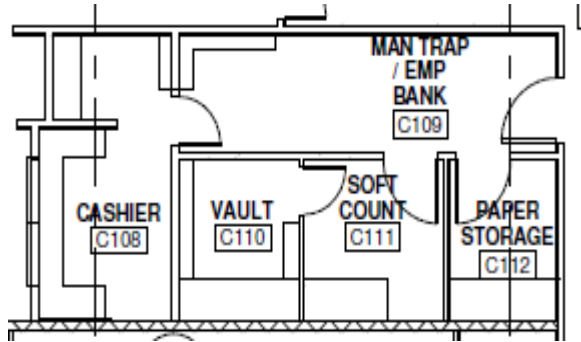
Project Description: Meraki Access points will be placed at our external sites, giving employees needed WiFi Access. This will provide WiFi traffic through our Internet Gateway, without affecting other user traffic.

## FY 2015/2016



# Cardlock System

## Access Control



- Employee presents their card.
- Software reviews cards ID.
- If approved for access
- Door unlocks

Estimated Project Costs For FY 2016	\$15,000
Status	

### Funding Source

Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Equipment Reserve (Fund 220)		\$15,000					\$15,000

Project Description: A card lock system, will ensure secure access to City of facilities.

# FY 2015/2016



# Routers to Purchase for W-WAN Implementation



Estimated Project Costs For FY 2016	\$25,000
Status	

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Equipment Reserve (Fund 220)		\$25,000					\$25,000

Project Description: As part of the implementation for our Wide Area Network sites, routers must be purchased for point to point communication.

## FY 2015/2016





## Switch/Router (end of life replacement)



Estimated Project Costs For FY 2016	\$40,000
Status	

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Equipment Reserve (Fund 220)		\$40,000					\$40,000

Project Description: As part of our ongoing maintenance and support, switches and routers reach “end of life” and need to be replaced to insure warranty and support coverage. An average of 5-6 years is the approximate lifespan of network switches and routers.

# FY 2015/2016



# Checkpoint Appliance for HA Cluster Redundant Switch-Over



Estimated Project Costs For FY 2016	\$20,000
Status	

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Equipment Reserve (Fund 220)		\$13,022					\$13,022
Special Project Reserve (Fund 251)		\$ 6,978					\$ 6,978
		\$20,000					\$20,000

Project Description: The Checkpoint appliance will allow for a fail-over scenario to a second gateway when outages occur. This a secondary path is important for Public Safety applications provided over the Internet.

# FY 2015/2016



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# MUSEUM

CAPITAL BUDGET FISCAL YEAR 2015-2016



## Capital Projects – Grace Hudson Museum

Fiscal Year 2016 Capital Items:		Unfunded
<u>Funding Source Available:</u>		
Unfunded		\$ 0
	Total Funding Sources	\$ 0
<u>Summary of Museum Capital Projects:</u>		
Grace Hudson Museum Roof Repair		\$25,000 Unfunded



# Grace Hudson Museum Roof Repair



Estimated Project Costs For FY 2016	\$25,000
Status	Unfunded

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Unfunded		\$25,000					\$25,000

**Project Description:** The roof beams of the Grace Hudson Museum needs repair from years of water damage caused by their exposure to normal winter weather. While undergoing repair, they will also be modified so that this problem will not reoccur. In addition, there are currently two small leaks in the Museum's metal corten roof. Until the roof is opened up in the summer to expose the underlying paper and plywood, the extent of the needed repair is not known.

## FY 2015/2016



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# PARKS

CAPITAL BUDGET FISCAL YEAR 2015-2016



## Capital Projects - Parks

**Fiscal Year 2016 Capital Items: \$2,954,463**

Funding Source Available:

Prop 84 NEF Grant (Fund 310)	\$2,300,000
Housing Grant: Oak Manor Park Renovation	\$ 142,800
Habitat Conservation Fund Grant	\$140,000
Special Project Reserves (Fund 251)	
25100000.39031-Cleveland Lane Drainage	\$160,000
Anton Reserve (Fund 301)	<u>\$ 18,000</u>
Total Funding Sources	\$2,760,800

Summary of Parks Capital Projects:

Replace Toro Groundsmaster 4000D	\$ 25,000 Unfunded
Replace Dodge D200 Utility Truck, ¾ Ton with Lift Gate	\$ 40,000 Unfunded
Anton Stadium Irrigation System Renovation	\$128,663 Unfunded
Anton Stadium Renovation	\$18,000
Oak Manor Park Renovation	\$142,800
Grace Hudson Cultural Center: Nature Education Grant	\$2,600,000



# Replace Toro Groundsmaster 4000D



Estimated Project Costs For FY 2016	\$25,000
Status	Unfunded

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Unfunded		\$25,000					\$25,000

**Project Description:** The existing 2001 Toro mower has exceeded its life expectancy as needed repairs exceed its value. The mower is in need of multiple repairs including: the mower decks need replacing or extensive fabrication work from over use; the electrical system is worn out causing multiple call outs from the city garage to repair in the field; hydraulic deck rams need replacing or rebuilding; the cooling system has problems causing extended mow times in order to allow for cooling of engine; and does not comply with current C.A.R.B regulations resulting in limited amount of hours allowed of use per year. This mower has had numerous repairs in its life, increasing over the last few years. Now this mower spends numerous hours out of service.

**Proposed replacement:** 2015 commercial zero turning radius, rear discharge mower with a minimum 72 inch wide mower deck, and complies with current C.A.R.B. standards.

## FY 2015/2016



# Replace Dodge D200 Utility Truck, ¾ Ton With Lift Gate



Estimated Project Costs For FY 2016	\$40,000
Status	Unfunded

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Unfunded		\$40,000					\$40,000

Project Description: The current vehicle is a 1989 Dodge D200 that has out lasted its normal life expectancy; has 112,381 miles; current value estimated at \$1500 or less. The existing vehicle spends various hours out of use, due to needed repairs. Furthermore, the passenger door needs replacing to open properly; the transmission slips; door and window seals leak letting rain water to enter the cabin; the utility bed doors do not latch properly causing tools and supplies to be exposed to elements, and contents spilling out in the roadway. The proposed replacement is a 2015 single rear wheeled 1 ton service truck.

# FY 2015/2016



# Anton Stadium Irrigation System Renovation



Estimated Project Costs For FY 2016	\$128,663
Status	Unfunded

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Unfunded		\$128,663					\$128,663

Project Description: The aged irrigation system has failed and must be replaced. The replaced system will increase water efficiency at the facility in addition to cutting out significant repairs and maintenance costs .

## FY 2015/2016



# Anton Stadium Renovation



Estimated Project Costs For FY 2016	\$18,000
Status	

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Anton Stadium (Fund 301)		\$18,000					\$18,000

Project Description: Continued renovation of Anton Stadium including donor wall, press box and field improvements.

## FY 2015/2016





# Oak Manor Park Renovation



Estimated Project Costs For FY 2016	\$142,800
Status	

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Housing Grant ( Fund 300)		\$142,800					\$142,800

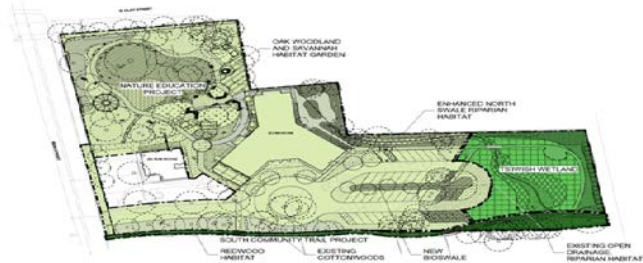
Project Description: This grant funded through the Housing Related Parks Program will renovate Oak Manor Park, including the walkways and picnic areas.

# FY 2015/2016





# Grace Hudson Cultural Center: Nature Education Grant



Estimated Project Costs For FY 2016	\$2,600,000
Status	

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Prop 84 (Fund 310)		2,300,000	240,000				\$2,540,000
HCF* Grant (Fund 300)		140,000					140,000
Special Project Reserve (Fund 251)		<u>160,000</u>					<u>\$160,000</u>
		\$2,600,000					\$2,840,000

\*HCF- Habitat Conservation Fund; 300 fund Series TBD

Project Description: The project has two separate components :

- NEF Prop 84 grant which is approximately 3 acres for the nature education gardens and parking.
- HCF grant is approximately 1 acre of construction for storm water treatment wetlands & drainage.

This project will construct a fully integrated campus that is an extension of the museum facility. Develop four acres of grounds; expand parking lot, install fencing, landscaping, and outdoor exhibits focusing on native plants and animals. Teach about Pomo Indian cultural landscape practices and demonstrate modern day sustainable landscape practices with the use of rain water cisterns, bio-swales, storm water treatment systems, and green building techniques. This is a joint project with Public Works to construct storm water treatment facilities.

## FY 2015/2016



# POLICE

CAPITAL BUDGET FISCAL YEAR 2015-2016



## Capital Projects – Police

<b>Fiscal Year 2016 Capital Items:</b>	<b>\$120,000</b>
<u>Funding Source Available:</u>	
Equipment Reserve (Fund 220)	
22000000.38201 Police Reserve	\$ 41,030
22000000.30007 Equipment Reserve – Undesignated	<u>\$ 78,970</u>
Total Funding sources	<b>\$120,000</b>
<u>Summary of Police Capital Projects:</u>	
2 Patrol Vehicles \$60,000 each	<b>\$120,000</b>



## 2 Patrol Vehicles \$60,000 Each



Estimated Project Costs For FY 2016	<b>\$120,000</b>
Status	

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Equipment Reserve (Fund 220)		\$41,030					\$41,030
Equipment Reserve (Fund 220 interest)		<u>\$78,970</u>					\$78,970
Unfunded			<u>\$120,000</u>	<u>\$120,000</u>	<u>\$120,000</u>	<u>\$120,000</u>	<u>\$480,000</u>
		\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$600,000

Project Description: Replace two fully equipped police vehicles annually which currently cost \$60,000 each. This cost includes light bars and Fiberglass back seats.

# FY 2015/2016



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# STORM DRAIN

CAPITAL BUDGET FISCAL YEAR 2015-2016



## Capital Projects – Storm Drain

<b>Fiscal Year 2016 Capital Items:</b>		<b>\$ 50,617</b>
	<b>Unfunded</b>	<b><u>\$124,383</u></b>
		<b>\$175,000</b>
<u>Funding Source Available:</u>		
Special Project Reserve (Fund 251)		
25100000.39027		<u>\$ 50,617</u>
Total Funding Sources		\$ 50,617
<u>Summary of Storm Capital Projects:</u>		
Storm Drain		\$175,000
		Partially Funded





# Fairgrounds Storm Drain



Estimated Project Costs For FY 2016	\$175,000
Status	

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Special Project Reserve (Fund 251)		\$50,617					\$50,617
Unfunded		<u>\$124,383</u>					<u>\$124,383</u>
Total		\$175,000					\$175,000

Project Description: Replace failing storm drain line at the 12<sup>th</sup> District Fairgrounds.

# FY 2015/2016



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# STREETS

CAPITAL BUDGET FISCAL YEAR 2015-2016



# Capital Projects – Streets

Fiscal Year 2016 Capital Items:		\$7,717,160*
<u>Funding Sources Available:</u>		
Traffic Congestion Relief (Fund 510)		\$ 400,000
Special Revenue (Fund 250)		\$1,951,500
STP d(1) (Fund 509)		\$ 350,500
1998 STIP (Fund 507) (MCOG reimbursable)		\$ 227,000
Pedestrian Safety – Sidewalks/Crosswalks		\$ 100,000
Traffic Signal at N. State St. & Low Gap Rd./Bush St.		\$ 865,190
Special Projects Reserves (Fund 251)		
25100000.30007 Undesignated Reserve		\$ 33,049
25100000.39021 Smith St Repairs Reserve		\$ 21,951
25100000.39049 Un-Federalized Reserve		\$ 313,249
25100000.39050 Un-Federalized Reserve		<u>\$ 347,770</u>
	Total Funding Sources	\$3,645,019

\*Total Capital Street project Requests are \$7,716,160  
 With only \$3,645,019 available for these projects. The funding source for Talmage Road project build out of the Business Park. Estimated at \$2.9 million has to be determined and is critical for the Costco Project. Staff will need council direction to consider either an internal loan or funding through I-bank if redevelopment funds are not available.

(Continued)



## Capital – Streets

Fiscal Year 2016 Capital Items: (continued)	\$7,717,160
Gobbi/Waugh Traffic Signal	\$ 112,000
Low Gap/Bush Roundabout	\$ 115,000
Overlay Streets	\$ 200,000
Downtown Streetscape Construction – HSIP & TE	\$2,302,000
Slurry Seal Various Streets	\$ 200,000
Talmage Rd. & US 101 Interchange Improvements	\$1,700,000 Unfunded
Redwood Business Park Transportation Improvements	\$1,200,000 Unfunded
Smith Street sidewalk/curb/gutter	\$ 21,951
Street Reconstruction	\$ 661,019
Replace Street Sweeper	\$ 240,000 Partially funded



## Capital – Streets

### Fiscal Year 2016 Capital Items: (continued)

Pedestrian Safety – Sidewalks/Crosswalks	\$ 100,000 Unfunded
Left Hand Turn Lane at Low Gap/State St.	\$ 865,190 Unfunded



# Gobbi/Waugh Traffic Signal



Estimated Project Costs For FY 2016	\$112,000
Status	

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
STIP (Fund 507) MCOG		112,000	532,000				\$644,000
STP d(1) (Fund 509)			<u>72,000</u>				<u>\$72,000</u>
			\$604,000				\$716,000

Project Description: Design and Construct traffic signal on East Gobbi Street at Waugh Lane FY 2016; Environmental & Permits (\$2,000); Plans & Specifications (\$90,000) Right of Way (\$20,000)

FY 2017: Construction (\$532,000); City construction match (\$72,000)

## FY 2015/2016





# Low Gap/Bush Roundabout



Estimated Project Costs For FY 2016	\$115,000
Status	On Hold

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
STIP (Fund 507) - MCOG		115,000	703,000				\$818,000
STP d (1) (Fund 509)			<u>78,000</u>				<u>\$78,000</u>
		\$115,000	\$781,000				\$896,000

Project Description: Design and construct a roundabout at the intersection of North Bush Street and Low Gap Road

FY 2016: Environmental and Permits (\$5,000); Plans & Specifications (\$85,000); Right of Way (\$25,000)

FY 2017: Construction (\$703,000); City Construction Match (\$78,000)

# FY 2015/2016



# Overlay Streets



Estimated Project Costs For FY 2016	\$200,000
Status	

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Traffic Congestion Relief (Fund 510)		\$200,000					\$200,000

Project Description: Overlay various streets as determined by the Pavement Management Program

## FY 2015/2016





# Slurry Seal Various Streets



Estimated Project Costs For FY 2016	\$200,000
Status	

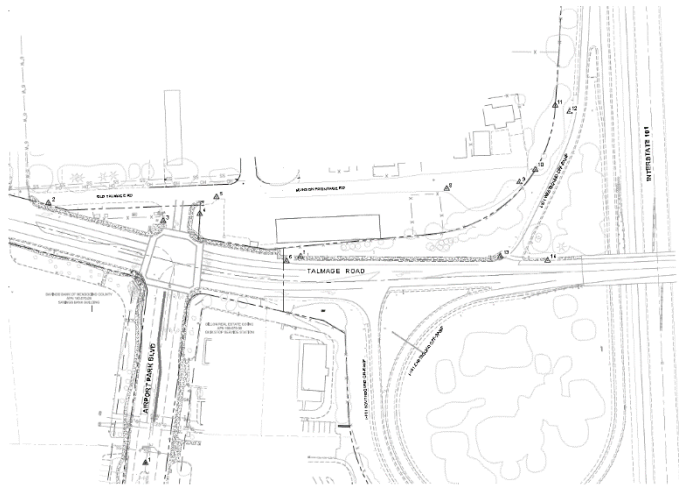
Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Traffic Congestion Relief (Fund 510)		\$200,000					\$200,000

Project Description: Slurry Seal various streets as determined by the Pavement Management Program

## FY 2015/2016



# Talmage Rd & US 101 Interchange



Estimated Project Costs For FY 2016	\$1,700,000
Status	To Be Determined

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
I-Bank (Unfunded)		\$1,700,000					\$1,700,000

**Project Description:** Construct interchange improvements at the intersection of Talmage Road and US HWY 101.

(The City will need to seek funding for this project from I-Bank if the state will not allow use of redevelopment bonds.)

## FY 2015/2016



# Redwood Business Park Transportation Improvements



Estimated Project Costs For FY 2016	<b>\$1,200,000</b>
Status	To be Determined

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
I-Bank (Unfunded)		\$1,200,000					\$1,200,000

**Project Description:** Construct improvements at the intersection of Talmage Road and Airport Blvd.; construct traffic signal at Airport Park Blvd & Commerce Dr.; construct minor widening near the south end of Airport Park Blvd.; and construct minor widening on Hastings Ave at S. State St.

(The City will need to seek funding for this project from I-Bank if the state will not allow use of redevelopment bonds.)

## FY 2015/2016





# Smith Street Sidewalk/Curb/Gutter



Estimated Project Costs For FY 2016	\$21,951
Status	

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Special Project Reserve (Fund 251)		\$21,951					\$21,951

Project Description: Replace Smith Street sidewalk, curb and gutter

# FY 2015/2016





# Street Reconstruction (Luce Ave., Observatory Ave. & Washington Ave.)



Estimated Project Costs For FY 2016	\$661,019
Status	

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Special Projects Reserve (Fund 251)		\$661,019					\$661,019

Project Description: Reconstruct Washington Ave. from South State St. to S. Dora St., Luce Ave. from Helen St. to S. State St., Observatory Ave. from Helen St. to S. State St.

## FY 2015/2016



# Replace street sweeper



Estimated Project Costs For FY 2016	\$240,000
Status	Partially Funded

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Special Project Reserve (Fund 251)		\$33,049					\$33,049
Unfunded		<u>\$206,951</u>					<u>\$206,951</u>
Total		\$240,000					\$240,000

Project Description: Replace one existing street sweeper due to its age, condition and fueling issues.

# FY 2015/2016



# Pedestrian Safety – Sidewalks/Crosswalks



Estimated Project Costs For FY 2016	\$ 100,000
Status	Unfunded

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Unfunded							

Project Description: This project will construct sidewalks adjacent to the City of Ukiah property. In addition this project will construct improvements to provide better awareness of crosswalks. Improvements at crosswalks may include advance yield signage and markings (show in photo) and rectangular rapid flashing beacons. (N. State St. crosswalk at Fairgrounds.)

## FY 2015/2016



# Traffic Signal at N. State St. and Low Gap Road/Brush Street



Estimated Project Costs For FY 2016	\$ 865,190
Status	Unfunded

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Unfunded							

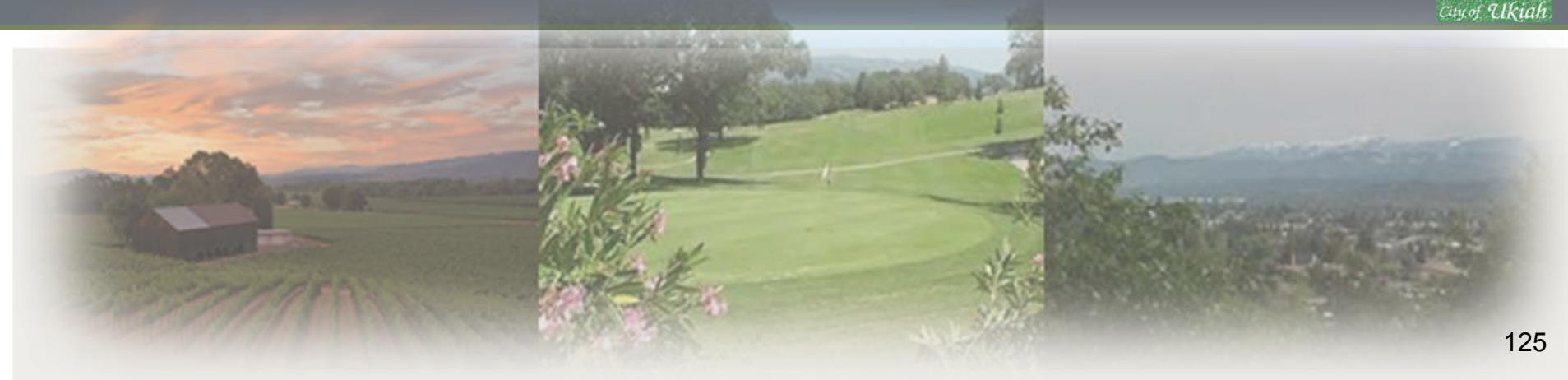
**Project Description:** This project would construct an eight phase traffic signal which includes separate left turn phases for north-south and east-west traffic. The curb radius would be enlarged at all four corners including construction of new ADA curb ramps. New traffic signal poles with new signal heads will be constructed to fit the new intersection configuration. Brush street would be widened along the south frontage. Sidewalk, curb, and gutter will be constructed along Brush Street.

## FY 2015/2016



# WASTEWATER

CAPITAL BUDGET FISCAL YEAR 2015-2016





## Capital Projects- Wastewater

<b>Fiscal Year 2016 Capital Items:</b>	<b>\$3,624,961</b>
<u>Funding Sources Available:</u>	
Sewer Operating (Fund 840)	\$ 250,000
Equipment Reserve (Fund 220)	
22000000.38612- Sewer	\$ 200,000
Prop 84 Funding Round 2 (Fund 607)	\$ 400,000
Prop 84 Drought Funding ( Fund 607)	\$1,690,191
Sewer Capital (Fund 844)	<u>\$1,084,770</u>
Total Funding Sources	\$3,624,961
<u>Summary of Wastewater Capital Projects:</u>	
Replacement of AWWT Feed Pump Motors	\$ 90,000
Chlorine Mixer	\$ 40,000
Manhole Replacement	\$ 15,000
Air Compressor	\$ 15,000
Vactor Replacement	\$200,000
Replace Truck at WWTP	\$ 30,000
Portion of Service Truck W/S Operations (50% Water)	\$ 30,000
Replace Hoses on 2 Vactors (50% Water)	\$ 10,000

(Continued)



## Capital Projects - Wastewater

Fiscal Year 2016 Capital Items (continued):	
Sewer Nozzles for 2 Vactors	\$ 20,000
Recycled Water System Phases 1 & 2	\$2,090,191
Main Replacements – Luce and Observatory	\$ 400,000
Inflow/Infiltration	\$ 150,000
System Maintenance	\$ 64,770
Emergency/Contingency	\$ 45,000
UVSD Litigation	\$ 300,000
UVSD Detachment EIR	\$ 125,000





# Replacement of AWWT Feed Pump Motors



Estimated Project Costs For FY 2016	\$90,000
Status	

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Sewer Capital (Fund 840)		\$90,000					\$90,000

Project Description: Replace feed pump motors at the Advanced Waste Water Treatment System.

## FY 2015/2016



# Chlorine Mixer



Estimated Project Costs For FY 2016	\$40,000
Status	

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Sewer Capital (Fund 840)		\$40,000					\$40,000

Project Description: Purchase a chlorine mixer for installation prior to the injection point before the chlorine contact basin.

## FY 2015/2016



# Manhole Replacement



Estimated Project Costs For FY 2016	\$15,000
Status	

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Sewer Capital (Fund 840)		\$15,000					\$15,000

Project Description: Replace various manholes throughout the sewer collection system due to age and condition.

## FY 2015/2016



# Air Compressor



Estimated Project Costs For FY 2016	\$15,000
Status	

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Sewer Capital (Fund 840)		\$15,000					\$15,000

Project Description: Purchase a new portable air compressor for the Water/Sewer Operations Division (50% Water) ;Total Project \$30,000.

## FY 2015/2016



# Vactor Replacement



Estimated Project Costs For FY 2016	\$200,000
Status	

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Equipment Reserve (Fund 220)		\$200,000					\$200,000

Project Description: Replace an existing Vactor truck with a new one due to CARB emission requirements and age (50% Water) ;Total \$400,000.

## FY 2015/2016





# Replace Truck at WWTP



Estimated Project Costs For FY 2016	\$30,000
Status	

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Sewer Capital (Fund 840)		\$30,000					\$30,000

Project Description: Replace Dodge Truck at the Wastewater Treatment Plant due to age, mileage and condition.

## FY 2015/2016



## Portion of Service Truck W/S Operations (50% Water)



Estimated Project Costs For FY 2016	\$30,000
Status	

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Sewer Capital (Fund 840)		\$30,000					\$30,000

Project Description: Purchase new service truck for the Water/Sewer Operations Division (50% Water); Total \$60,000.

# FY 2015/2016





## Replace Hose on 2 Vactors (50% Water)



Estimated Project Costs For FY 2016	<b>\$10,000</b>
Status	

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Sewer Capital (Fund 840)		\$10,000					\$10,000

Project Description: Replace jetter hose on 2 vactors due to normal wear.  
Total \$10,000.

# FY 2015/2016



# Sewer Nozzles for 2 Vactors



Estimated Project Costs For FY 2016	\$20,000
Status	

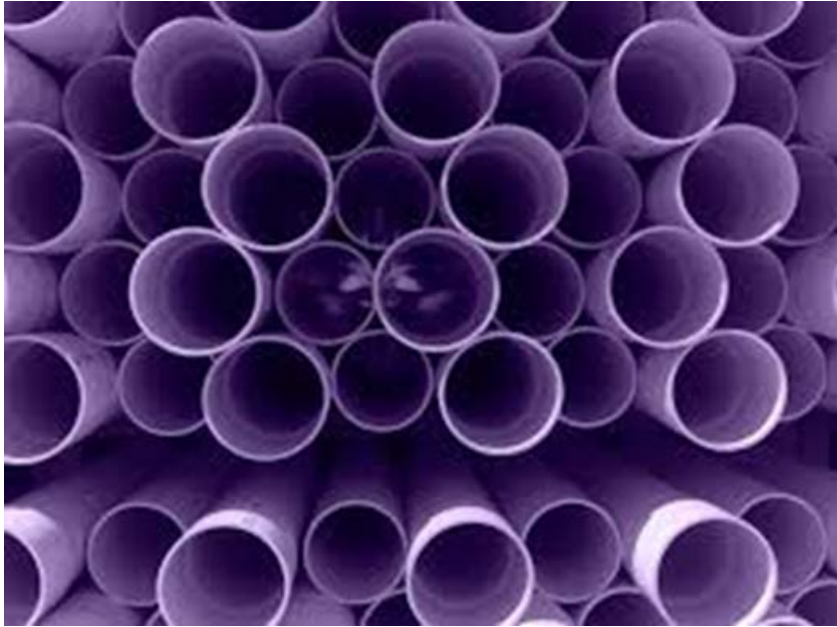
Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Sewer Capital (Fund 840)		\$20,000					\$20,000

Project Description: Purchase 3 new nozzles for the jetter hoses on 2 Vactors.

# FY 2015/2016



# Recycled Water System Phases 1 & 2



Estimated Project Costs For FY 2016	\$2,090,191
Status	

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Prop 84 Funding(Fund 607)		\$2,090,191					\$2,090,191
Unfunded			\$17,152,000				\$17,152,000
Total		\$2,090,191	\$17,152,000				\$19,242,191

Project Description: Phases 1 and 2 of the Recycled Water System.

# FY 2015/2016



## Main replacements – Luce and Observatory



Estimated Project Costs For FY 2016	\$400,000
Status	

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Sewer Capital (Fund 844)		\$400,000					\$400,000

Project Description: Replace sewer mains on Luce and Observatory Avenues due to age and condition.

# FY 2015/2016



# Inflow/infiltration



Estimated Project Costs For FY 2016	\$150,000
Status	

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Sewer Capital (Fund 844)		\$150,000					\$150,000

Project Description: Sewer Lining project to reduce inflow and infiltration into the Sewer Collection System.

## FY 2015/2016



# System maintenance



Estimated Project Costs For FY 2016	\$64,770
Status	

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Sewer capital (Fund 844)		\$64,770					\$64,770

Project Description: Various sewer main repair projects that are needed on an annual basis.

# FY 2015/2016





# Emergency/Contingency



Estimated Project Costs For FY 2016	\$45,000
Status	

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Sewer Capital (Fund 844)		\$45,000					\$45,000

Project Description: Various emergency repairs that require immediate repair by contractors.

# FY 2015/2016





# UVSD Litigation



Estimated Project Costs For FY 2016	\$300,000
Status	

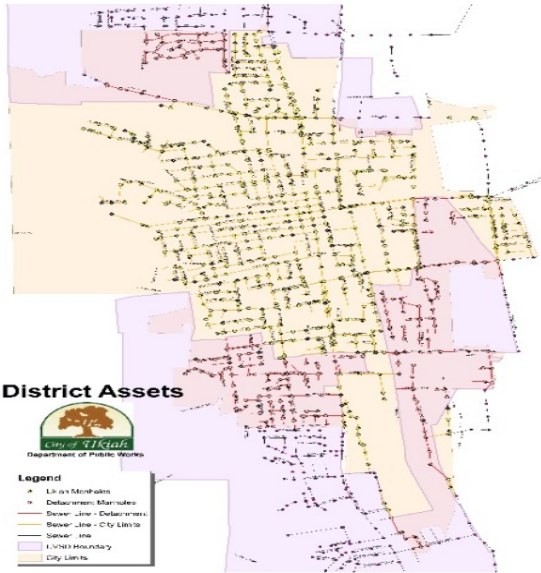
Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Sewer Capital (Fund 844)		\$300,000					\$300,000

Project Description: Continued litigation with the Ukiah Valley Sanitation District in regards to the pending lawsuit filed against the City.

## FY 2015/2016



# UVSD Detachment EIR



Estimated Project Costs For FY 2016	\$125,000
Status	

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Sewer Capital (Fund 844)		\$125,000					\$125,000

Project Description: Costs related to detaching the Ukiah Valley Sanitation District from within the City Limits.

## FY 2015/2016



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# WATER

CAPITAL BUDGET FISCAL YEAR 2015-2016



## Capital Projects – Water

### Capital Items:

**\$4,430,000**

### Funding Sources Available:

Water Capital Improvement Project (Fund 822)	\$4,167,500
Prop 84 Grant (Fund 607)	\$ 125,000
Millview County Water District (Fund 607)	\$ 31,250
Willow Water District (Fund 607)	\$ 31,250
Equipment Reserve (Fund 220)	
22000000.38820-Water	<u>\$ 75,000</u>
Total Funding Sources	\$4,430,000

(Continued)



## Capital Projects – Water

### Capital Items: (continued)

#### Summary of Water Capital Projects:

Additional Pipeline Improvements	\$450,000
Develop New Well #4	\$1,400,000
Replace 100,000 Gallon PZ2s Reservoir	\$300,000
Millview/Ukiah Intertie	\$125,000
Willow/Ukiah Intertie	\$125,000
Well #9	\$1,500,000
Connect Chlorine at WTP	\$200,000
Air compressor	\$15,000
Service Truck – WTP	\$45,000
Water Meter Replacement	\$40,000
Portion of Service Truck (50% Wastewater Fund) Total \$60,000	\$30,000
Vactor replacement (50% Wastewater Fund) Total \$400,000	\$200,000



# Additional Pipeline Improvements



Estimated Project Costs For FY 2016	\$450,000
Status	

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Water Capital (Fund 822)		\$450,000	\$700,000				\$700,000

Project Description: Replace water mains due to repeated breaks, age or type of material on Luce, Observatory, and Washington Reconstruction.

## FY 2015/2016





# Develop New Well #4



Estimated Project Costs For FY 2016	\$1,400,000
Status	

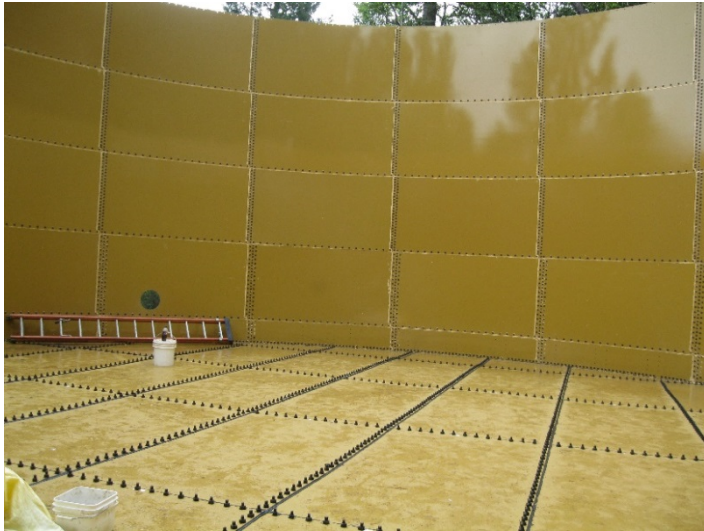
Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Water Capital (Fund 822)		\$1,400,000					\$1,400,000

Project Description: Abandon existing Water Well #4 and drill a new water well and install a monitoring well on the existing site; Total \$1,900,000 (\$500,000 scheduled for FY 2015).

## FY 2015/2016



# Replace 100,000 Gallon PZ2s Reservoir



Estimated Project Costs For FY 2016	\$300,000
Status	

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Water Capital (Fund 822)		\$300,000	\$700,000				\$1,000,000

Project Description: Replace the existing 100,000 gallon reservoir at Pressure Zone 2 with a new reservoir.

## FY 2015/2016



# Millview/Ukiah Intertie



Estimated Project Costs For FY 2016	\$125,000
Status	

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Water Capital( Fund 822)		\$31,250					\$31,250
Prop 84 Grant(Fund 607)		\$62,500					\$62,500
Millview (Fund 607)		<u>\$31,250</u>					<u>\$31,250</u>
Total		\$125,000					\$125,000

Project Description: Construct and upgrade existing intertie. This project will be partially funded with grant funds awarded through Prop 84.

## FY 2015/2016



# Willow/Ukiah intertie



Estimated Project Costs For FY 2016	\$125,000
Status	

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Water Capital( Fund 822)		\$31,250					\$31,250
Prop 84 Grant(Fund 607)		\$62,500					\$62,500
Willow(Fund 607)		<u>\$31,250</u>					<u>\$31,250</u>
Total		\$125,000					\$125,000

Project Description: Construct and upgrade existing intertie. This project will be partially funded with grant funds awarded through Prop 84.

## FY 2015/2016



# Well #9



Estimated Project Costs For FY 2016	\$1,500,000
Status	

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Water Capital (Fund 822)		\$1,500,000					\$1,500,000

Project Description: Drill new Water Well #9. A portion of this project will be funded through grant funds received through Prop 84.

# FY 2015/2016



## Connect Chlorine at WTP



Estimated Project Costs For FY 2016	\$200,000
Status	

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Water Capital(Fund 822)		\$200,000					\$200,000

Project Description: Design and construct sodium hypochlorite facilities to replace the chlorine gas system at the Water Treatment Plant.

# FY 2015/2016





# Air Compressor



Estimated Project Costs For FY 2016	\$15,000
Status	

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Water Capital (Fund 822)		\$15,000					\$15,000

Project Description: Purchase a new portable air compressor for the Water/Sewer Operations Division (50% Wastewater); Total \$30,000.

# FY 2015/2016





# Service Truck - WTP



Estimated Project Costs For FY 2016	\$45,000
Status	

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Equipment Reserve (Fund 220)		\$45,000					\$45,000

Project Description: Replace Service truck at the Water Treatment Plant.

# FY 2015/2016



# Water Meter Replacement



Estimated Project Costs For FY 2016	\$40,000
Status	

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Water Capital (Fund 822)		\$40,000	\$1,000,000	\$1,250,000	\$2,210,000		\$4,500,000

Project Description: Replace and upgrade various water meters that have failed or are past their useful life.

## FY 2015/2016



## Portion of Service Truck (50% Wastewater Fund)



Estimated Project Costs For FY 2016	\$30,000
Status	

### Funding Source

Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Equipment Reserve(Fund 220)		\$30,000					\$30,000

Project Description: Purchase new service truck for the Water/Sewer Operations Division (50% Wastewater) ;Total \$60,000.

# FY 2015/2016



# Vactor Replacement (50% Wastewater Fund)



Estimated Project Costs For FY 2016	\$200,000
Status	

Funding Source							
Funding Source	Actuals FY 2016	Funding Request FY 2016	Anticipated Request FY 2017	Anticipated Request FY 2018	Anticipated Request FY 2019	Anticipated Request FY 2020	TOTAL
Water Capital (Fund 822)		\$200,000					\$200,000

Project Description: Replace an existing Vactor truck with a new one due to CARB emission requirements and age (50% Wastewater); Total \$400,000.

## FY 2015/2016



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# APPENDIX

# FLEET VEHICLE JUSTIFICATIONS

CAPITAL BUDGET FISCAL YEAR 2015-2016





**Proposed Vehicle:** 2016 Freightliner 6x4 with an Altec Boom and Body

**Department:** Electric Utility

**Area of use:** Construction

**Prepared by:** Diann Lucchetti

## 1 VEHICLE PURPOSE

### Need for Vehicle within Department Fleet

This vehicle will be used for heavy overhead and underground line construction, wood pole transport and installation, pole removal and emergency response.

Due to California Air Resources Board (CARB) restrictions, the existing truck is limited to an average of 150 operating hours per year and is being used for emergency response only. Average truck usage is between 700 and 1100 hours per year.

## 2 REPLACEMENT JUSTIFICATION

### 2.1 Current Vehicle

#### Description, Mileage, Funding Source and Market Value

The vehicle being replaced is a 1987 Ford F800 Digger Derrick, #2121, with 17,000 miles.

**Funding:** Electric Capital (fund 801)

**Estimated value:** \$3,500

Currently the vehicle does not comply with CARB standards for daily/weekly construction activities.

### 2.2 Maintenance Costs

#### Overall Condition, Maintenance Costs, Out of Service Time, Parts Availability, and Associated Safety Issues

**Overall Mechanical Condition:** This vehicle is in fair to poor mechanical condition.

**Maintenance Costs:** For the past year this vehicle has incurred approximately \$7,500 in maintenance costs.



**Out of Service Time:** This vehicle was out of service for 25 hours over the past fiscal year.

**Parts Availability:** Parts are no longer available from the factory.

**Associated Safety Issues:** None

## 2.3 Shared Resources

**Define any Resources Currently Available within the City of Ukiah Fleet which could be Utilized for this Purpose.**

None

## 3 PROPOSED VEHICLE SPECIFICATIONS

**Proposed Vehicle Specifications**

2016 Freightliner 6x4 with Altec Boom and Body  
**COST - \$380,000**

## 4 ALTERNATIVE FUEL AND CARB REGULATIONS

### 4.1 Alternative Fuels Availability

**Proposed Vehicle Alternative Fuels Availability**

Alternative fueled vehicles for this type of use are not readily available.

### 4.2 CARB STANDARDS

**CARB STANDARDS**

This purchase will comply with CARB regulations.



**Proposed Vehicle:** 2016 Sport Utility Vehicle (SUV), Hybrid or Electric

**Department:** Electric Utility

**Area of use:** Engineering & Administration Staff

**Prepared by:** Diann Lucchetti

## 1 VEHICLE PURPOSE

### Need for Vehicle within Department Fleet

This vehicle will be used daily for engineering and administrative staff to perform site inspections for engineering and construction projects. The SUV will provide additional passenger capacity and will reduce the need to dispatch crews resulting in a cost reduction.

## 2 REPLACEMENT JUSTIFICATION

### 2.1 Current Vehicle

#### Description, Mileage, Funding Source and Market Value

A small cab 1990 Isuzu pick up, #3241 with 107,000 miles.

**Funding Source:** Electric Capital (fund 801)

**Estimated Value:** \$2,500

### 2.2 Maintenance Costs

#### Overall Condition, Maintenance Costs, Out of Service Time, Parts Availability, and Associated Safety Issues

**Overall Mechanical Condition:** This vehicle is in good to poor condition.

**Maintenance Costs:** Estimated at \$740 per year.

**Out of Service Time:** This vehicle was out of service for 1 day over the past fiscal year.

**Parts Availability:** Parts are no longer available from the factory.

**Associated Safety Issues:** None

### 2.3 Shared Resources

**Define any Resources Currently Available within the City of Ukiah Fleet which could be Utilized for this Purpose.**

None

### 3 PROPOSED VEHICLE SPECIFICATIONS

**Proposed Vehicle Specifications**

2016 Sport Utility Vehicle (SUV), Hybrid or Electric  
**COST - \$40,000**

### 4 ALTERNATIVE FUEL AND CARB REGULATIONS

#### 4.1 Alternative Fuels Availability

**Proposed Vehicle Alternative Fuels Availability**

The proposed vehicle will be either a hybrid or an electric vehicle.

#### 4.2 CARB STANDARDS

**CARB STANDARDS**

This purchase will comply with all CARB standards.



**Proposed Vehicle:** 2016 One Ton Crew Cab Truck with Electric Material Hauling Racks and Service Body

**Department:** Electric Utility

**Area of use:** Construction

**Prepared by:** Diann Lucchetti

## 1 VEHICLE PURPOSE

### Need for Vehicle within Department Fleet

This vehicle will replace a 1997 ¾ ton truck used for personnel and material transport. This vehicle is at the end of its useful life and has limited ability to transport materials. The Department is in need of a multi-purpose equipment and material transport truck that will improve crew efficiency. Lower costs can be achieved with the added ability of line construction material storage and the ability to transport poles and transformers. Additional personnel can be carried eliminating the need for additional vehicles.

## 2 REPLACEMENT JUSTIFICATION

### 2.1 Current Vehicle

#### Description, Mileage, Funding Source and Market Value

The vehicle being replaced is #3711, a 1997 2500 GMC service truck with 109,000 miles on it.

**Funding:** Electric Capital (fund 801)

**Estimated Value:** \$2,500

### 2.2 Maintenance Costs

#### Overall Condition, Maintenance Costs, Out of Service Time, Parts Availability, and Associated Safety Issues

**Overall Mechanical Condition:** This vehicle is in fair condition.

**Maintenance Costs:** For the past year this vehicle has incurred approximately \$1,247 in maintenance costs.

**Out of Service Time:** Four days in the last fiscal year.

**Parts Availability:** Parts are no longer available from the factory.

**Associated Safety Issues:** None

### 2.3 Shared Resources

**Define any Resources Currently Available within the City of Ukiah Fleet which could be Utilized for this Purpose.**

None

## 3 PROPOSED VEHICLE SPECIFICATIONS

**Proposed Vehicle Specifications**

2016 One ton crew cab truck with electric material hauling racks and service body  
**COST - \$75,000**

## 4 ALTERNATIVE FUEL AND CARB REGULATIONS

### 4.1 Alternative Fuels Availability

**Proposed Vehicle Alternative Fuels Availability**

Alternative fueled vehicles for this type of use are not readily available.

### 4.2 CARB STANDARDS

**CARB STANDARDS**

The purchase will comply with all CARB regulations.



**Proposed Vehicle:** 2016 3/4 Ton Super Cab Truck with Electric Material Hauling Racks and Service Body

**Department:** Electric Utility

**Area of use:** Construction and Maintenance

**Prepared by:** Diann Lucchetti

## 1 VEHICLE PURPOSE

### Need for Vehicle within Department Fleet

This vehicle is assigned to hydro and substation operations and is used for after-hours emergency response and daily construction maintenance activities. Maintenance tools, test equipment and plant drawings will be commonly stored on this truck.

## 2 REPLACEMENT JUSTIFICATION

### 2.1 Current Vehicle

#### Description, Mileage, Funding Source and Market Value

The vehicle being replaced is #3712, a 2003 Ford F250 service truck with 79,000 miles on it.

**Funding:** Electric Capital (fund 801)

**Estimated Value:** \$4,000

### 2.2 Maintenance Costs

#### Overall Condition, Maintenance Costs, Out of Service Time, Parts Availability, and Associated Safety Issues

**Overall Mechanical Condition:** This vehicle is in fair condition except for the service body which is in unacceptable condition due to water leaks that have been unreparable since purchase.

**Maintenance Costs:** For the past year this vehicle has incurred approximately \$1,025 in maintenance costs.

**Out of Service Time:** This vehicle was out of service for 13 hours over the last fiscal year.

**Parts Availability:** Parts are no longer available from the factory.

**Associated Safety Issues:** None

### 2.3 Shared Resources

**Define any Resources Currently Available within the City of Ukiah Fleet which could be Utilized for this Purpose.**

None

## 3 PROPOSED VEHICLE SPECIFICATIONS

**Proposed Vehicle Specifications**

2016 ¾ ton super cab truck with electric material hauling racks and service body.  
**COST - \$40,000**

## 4 ALTERNATIVE FUEL AND CARB REGULATIONS

### 4.1 Alternative Fuels Availability

**Proposed Vehicle Alternative Fuels Availability**

Alternative fueled vehicles for this type of use are not readily available.

### 4.2 CARB STANDARDS

**CARB STANDARDS**

The purchase will comply with all CARB regulations.





**Proposed Vehicle:** Ford F-450, 1 Ton, 2WD Truck

**Department:** Public Works

**Area of use:** Garage Division

**Prepared by:** Jarod Thiele, PW Project Analyst and Dave Kirch, Senior Equipment Mechanic

## 1 VEHICLE PURPOSE

### Need for Vehicle within Department Fleet

This vehicle will be used daily for all operations of the Municipal Garage as well as pulling motors at the Wastewater Treatment Plant.

## 2 REPLACEMENT JUSTIFICATION

### 2.1 Current Vehicle

#### Description, Mileage, Funding Source and Market Value

The vehicle being replaced is city vehicle #2631, a 1996 Ford F450 with service body. The service bed on this service truck is a 1978 model. This vehicle is in fair to poor condition.

**Funding:** Equipment Reserve (fund 220)

**Estimated Value:** \$4,500

### 2.2 Maintenance Costs

#### Overall Condition, Maintenance Costs, Out of Service Time, Parts Availability, and Associated Safety Issues

**Overall Mechanical Condition:** This vehicle is in fair to poor mechanical condition.

**Maintenance Costs:** For the past year this vehicle has incurred approximately \$3,000 in parts and labor costs.

**Out of Service Time:** This vehicle was out of service for one day over the past fiscal year.

**Parts Availability:** Yes, some parts are available from the factory.

**Associated Safety Issues:** The crane was manufactured in 1978 and is in poor condition and is currently not safe to operate.

### 2.3 Shared Resources

**Define any Resources Currently Available within the City of Ukiah Fleet which could be Utilized for this Purpose.**

There are no vehicles in the city fleet available to replace this vehicle.

### 3 PROPOSED VEHICLE SPECIFICATIONS

#### **Proposed Vehicle Specifications**

One new 2015 Ford F-450, 1 ton, 2WD pickup with Scelzi Mechanic bed, 3,000 lb crane, Miller Trailblazer 302 welder/generator/compressor or equal.

**COST - \$100,000**

### 4 ALTERNATIVE FUEL AND CARB REGULATIONS

#### 4.1 Alternative Fuels Availability

#### **Proposed Vehicle Alternative Fuels Availability**

An alternative fueled vehicle such as CNG is not recommended due to the amount of time it is used for maintenance of the Waste Water Treatment Plant. A CNG fuelled vehicle would require a rapid fill CNG fueling station. The added expense of constructing a CNG fueling station is not economically feasible at this time.

#### 4.2 CARB STANDARDS

#### **CARB STANDARDS**

This vehicle is exempt from CARB standards.



## Replace Toro Groundmaster 4000D Justification

**Proposed Vehicle:** Toro Grounds Master, Commercial Zero Turn Radius Mower

**Department:** Parks

**Area of use:** Throughout the City of Ukiah

**Prepared by:** Jarrod Meyer

### 1 VEHICLE PURPOSE

#### Need for Vehicle within Department Fleet

The proposed replacement mower will be used on a weekly basis to mow turf areas and prep sports and recreation areas.

### 2 REPLACEMENT JUSTIFICATION

#### 2.1 Current Vehicle

#### Description, Mileage, Funding Source and Market Value

The current mower, city vehicle #5401, is a 2001 Toro Grounds Master 4000D with 2513 hours.

**Funding:** unfunded

**Estimated Value:** \$1,500 with current CARB regulations and condition.

#### 2.2 Maintenance Costs

#### Overall Condition, Maintenance Costs, Out of Service Time, Parts Availability, and Associated Safety Issues

**Overall Mechanical Condition:** The mower is in need of multiple repairs. The mower decks need replacing or extensive fabrication work from over use; the electrical system is worn out causing multiple call outs from the city garage to repair in the field; hydraulic deck rams need replacing or rebuilding; the cooling system has problems causing extended mow times in order to allow for cooling of engine; does not comply with current CARB regulations resulting in limited amount of hours allowed of use per year.

**Maintenance Costs:** This mower has had numerous repairs in its life, with a total repair cost of \$1,756.51 over the last reported three years.

**Out of Service Time:** This mower spends a substantial time out of service.

**Parts Availability:** Yes, most parts are available from dealer.

**Associated Safety Issues:** None

### 2.3 Shared Resources

**Define any Resources Currently Available within the City of Ukiah Fleet which could be Utilized for this Purpose.**

None known

## 3 PROPOSED VEHICLE SPECIFICATIONS

### **Proposed Vehicle Specifications**

2015 commercial zero turning radius, rear discharge mower with a minimum 72 inch wide mower deck and complies with current CARB standards. This mower will be used an estimated 250 hours per year depending on weather. Staff estimates the useful life to be 8 to 10 years

**COST - \$25,000**

## 4 ALTERNATIVE FUEL AND CARB REGULATIONS

### 4.1 Alternative Fuels Availability

#### **Proposed Vehicle Alternative Fuels Availability**

Some available at a higher cost.

### 4.2 CARB STANDARDS

#### **CARB STANDARDS**

The proposed mower will comply with current off road, low horse power CARB standards.



**Replace Dodge Utility <sup>3</sup>/<sub>4</sub> Ton  
with Lift Gate Justification**

**Proposed Vehicle:** New Single Rear Wheeled 1 Ton Service Truck

**Department:** Parks

**Area of use:** Throughout the City of Ukiah

**Prepared by:** Jarrod Meyer

## 1 VEHICLE PURPOSE

### **Need for Vehicle within Department Fleet**

The proposed vehicle will be used on a daily basis to haul trimmings, prunings, dirt, rock, sand, etc. as well as tow equipment to work sites. This truck will also be used during public events and other general City service needs.

## 2 REPLACEMENT JUSTIFICATION

### 2.1 Current Vehicle

#### **Description, Mileage, Funding Source and Market Value**

The current city vehicle #3731 is a 1989 Dodge D200 that has outlived its normal life expectancy with 112,381 miles.

**Funding:** unfunded

**Estimated Value:** \$1,500 or less.

### 2.2 Maintenance Costs

#### **Overall Condition, Maintenance Costs, Out of Service Time, Parts Availability, and Associated Safety Issues**

**Overall Mechanical Condition:** The existing vehicle spends various times out of use due to needed repairs. The passenger door needs to be replaced to open properly, the transmission slips, the door and window seals leak allowing rain water to enter the cabin, the utility bed doors do not latch shut properly causing tools and supplies to be exposed to elements, rusting and deteriorating, as well as the possibility of the doors coming open and contents spilling out in the roadway.

**Maintenance Costs:** This vehicle has had normal maintenance costs throughout its life, with minimal unexpected repairs. City garage staff estimates, from recent repair records, the service cost of this vehicle to be \$1.00 per mile for the last 10,000 miles.

**Out of Service Time:** This truck spent various times out of service including 8 times in the last 10,000 miles for various repairs with shop time at 45 hours

**Parts Availability:** Yes, mechanical parts available from parts stores, other parts only available from wrecking yards.

**Associated Safety Issues:** Cabin doors do not open properly. Utility bed doors do not latch closed properly.

## 2.3 Shared Resources

**Define any Resources Currently Available within the City of Ukiah Fleet which could be Utilized for this Purpose.**

None

## 3 PROPOSED VEHICLE SPECIFICATIONS

### Proposed Vehicle Specifications

2015 single rear wheeled 1 ton service truck, Dodge D200. This replacement vehicle will be used an estimated amount of 6,000 to 8,000 miles per year. The estimated useful life for this vehicle is 15 years or more.

**COST - \$40,000**

## 4 ALTERNATIVE FUEL AND CARB REGULATIONS

### 4.1 Alternative Fuels Availability

#### Proposed Vehicle Alternative Fuels Availability

Some available at a higher cost.

### 4.2 CARB STANDARDS

#### CARB STANDARDS

This truck is a gasoline engine and meets the current California smog standards.



**Proposed Vehicle:** Police Patrol Car #1

**Department:** Police

**Area of use:** Patrol

**Prepared by:** Chris Dewey

## 1 VEHICLE PURPOSE

### Need for Vehicle within Department Fleet

This vehicle is needed for daily police patrol operations.

## 2 REPLACEMENT JUSTIFICATION

### 2.1 Current Vehicle

#### Description, Mileage, Funding Source and Market Value

The vehicle being replaced is #4146, a 2007 Ford Crown Victoria with 97454 miles on the odometer. This vehicle is in poor condition.

**Funding:** Equipment Reserve (fund 220)

**Estimated Value:** \$2,000

### 2.2 Maintenance Costs

#### Overall Condition, Maintenance Costs, Out of Service Time, Parts Availability, and Associated Safety Issues

**Overall Mechanical Condition:** These police vehicles have significant mileage of high demand police activities. After 100,000 miles, police vehicles begin to suffer from cracked frames and other significant structural issues.

**Maintenance Costs:** Vehicle maintenance records indicate the department has spent \$17,992.45 in parts and labor, maintaining vehicle #4146 over the life of the vehicle

**Out of Service Time:** City vehicle #4146 was out of service a total of 2791.5 hours.

**Parts Availability:** Yes, most parts are still available for this model year. However, the Crown Victoria Police Interceptor is no longer in production.

**Associated Safety Issues:** If sold at auction, potential buyers should be



made aware of the age and mileage.

## 2.3 Shared Resources

**Define any Resources Currently Available within the City of Ukiah Fleet which could be Utilized for this Purpose.**

There are no other vehicles in the city fleet available for use as police patrol vehicles.

## 3 PROPOSED VEHICLE SPECIFICATIONS

### **Proposed Vehicle Specifications**

Police pursuit rated vehicles are tested and certified in California at the Riverside Sheriff's Office proving grounds, and at the Michigan State Police proving grounds. Certified emergency response vehicles include a number of additional safety measures to protect occupants in emergency response situations. The proposed vehicle is a Ford Police Interceptor.

**COST - \$60,000**

## 4 ALTERNATIVE FUEL AND CARB REGULATIONS

### 4.1 Alternative Fuels Availability

#### **Proposed Vehicle Alternative Fuels Availability**

Staff continues to research the feasibility of deploying alternative fuel marked patrol vehicles. While many alternative fuel vehicles are now available, their deployment as an emergency response vehicle is not yet practical.

Ford has recently developed this vehicle for use with E85 Bio-Fuel, which if offered in our area, may serve as an alternative in the future.

### 4.2 CARB STANDARDS

#### **CARB STANDARDS**

CARB regulations do not apply to this purchase.



**Proposed Vehicle:** Police Patrol Car #2

**Department:** Police

**Area of use:** Patrol

**Prepared by:** Chris Dewey

## 1 VEHICLE PURPOSE

### Need for Vehicle within Department Fleet

This vehicle is needed for daily police patrol operations.

## 2 REPLACEMENT JUSTIFICATION

### 2.1 Current Vehicle

#### Description, Mileage, Funding Source and Market Value

The vehicle being replaced is #4114, a 2005 Ford Crown Victoria with 95951 miles on the odometer. This vehicle is in fair to poor condition.

**Funding:** Equipment Reserve (fund 220)

**Estimated Value:** \$2,000

### 2.2 Maintenance Costs

#### Overall Condition, Maintenance Costs, Out of Service Time, Parts Availability, and Associated Safety Issues

**Overall Mechanical Condition:** These police vehicles have significant mileage of high demand police activities. After 100,000 miles, police vehicles begin to suffer from cracked frames and other significant structural issues.

**Maintenance Costs:** Vehicle maintenance records indicate the department has spent \$6,516.32 in parts and labor, maintaining vehicle #4114 over the life of the vehicle

**Out of Service Time:** City vehicle #4114 was out of service a total of 692.5 hours.

**Parts Availability:** Yes, most parts are still available for this model year. However, the Crown Victoria Police Interceptor is no longer in production.

**Associated Safety Issues:** If sold at auction, potential buyers should be

made aware of the age and mileage.

## 2.3 Shared Resources

**Define any Resources Currently Available within the City of Ukiah Fleet which could be Utilized for this Purpose.**

There are no other vehicles in the city fleet available for use as police patrol vehicles.

## 3 PROPOSED VEHICLE SPECIFICATIONS

### **Proposed Vehicle Specifications**

Police pursuit rated vehicles are tested and certified in California at the Riverside Sheriff's Office proving grounds, and at the Michigan State Police proving grounds. Certified emergency response vehicles include a number of additional safety measures to protect occupants in emergency response situations. The proposed vehicle is a Ford Police Interceptor.

**COST - \$60,000**

## 4 ALTERNATIVE FUEL AND CARB REGULATIONS

### 4.1 Alternative Fuels Availability

#### **Proposed Vehicle Alternative Fuels Availability**

Staff continues to research the feasibility of deploying alternative fuel marked patrol vehicles. While many alternative fuel vehicles are now available, their deployment as an emergency response vehicle is not yet practical.

Ford has recently developed this vehicle for use with E85 Bio-Fuel, which if offered in our area, may serve as an alternative in the future.

### 4.2 CARB STANDARDS

#### **CARB STANDARDS**

CARB regulations do not apply to this purchase.



## Replace Street Sweeper Justification

**Proposed Vehicle:** Elgin Crosswind J Sweeper, John Deere Tier 4 Final 4045TF150, Turbocharged 115 Horsepower Diesel Engine, 8.0 Cubic Yard Hopper, Right and Left Trailing Arm Side Brooms, Painted Elgin Standard White with Gray Undercarriage. Mounted on a 2016 Freightliner M2 Factory Dualized Chassis with 2015 compliant Emissions and Air Conditioning.

**Department:** Public Works

**Area of use:** Streets Division

**Prepared by:** Jarod Thiele, PW Project Analyst & Dave Kirch, Senior Equipment Mechanic

### 1 VEHICLE PURPOSE

#### Need for Vehicle within Department Fleet

This vehicle will be used daily for sweeping of all City streets as mandated by the City's Storm Water Permit.

### 2 REPLACEMENT JUSTIFICATION

#### 2.1 Current Vehicle

#### Description, Mileage, Funding Source and Market Value

The vehicle being replaced is #2532. It was purchased in 2006. This vehicle is in fair to poor condition and currently has 5,000 hours on it. This unit cannot be operated as the CNG fueling station is out of service. The CNG fueling station requires over \$10,000 in repairs every 3 to 4 years for rebuilding the CNG pumps.

**Funding:** Special Project Reserve (fund 251) = \$33,049;  
unfunded = \$206,951

**Estimated Value:** \$35,000.

#### 2.2 Maintenance Costs

#### Overall Condition, Maintenance Costs, Out of Service Time, Parts Availability, and Associated Safety Issues

**Overall Mechanical Condition:** This vehicle is in fair to poor mechanical condition. Currently this vehicle is in need of a rebuilt fueling station as well as repairs to the hopper and sweeper heads.

**Maintenance Costs:** During the past year, this vehicle has incurred over

\$20,000 in parts and labor costs.

**Out of Service Time:** This vehicle has been out of service for 5 months due to repairs needed to the CNG fueling station. The pumps on the station have to be replaced every 3 to 4 years at a cost of over \$10,000.

**Parts Availability:** Some parts are available from the factory.

**Associated Safety Issues:** This unit caught fire in 2007 due to a leak in the high pressure fuel line.

## 2.3 Shared Resources

**Define any Resources Currently Available within the City of Ukiah Fleet which could be Utilized for this Purpose.**

None

## 3 PROPOSED VEHICLE SPECIFICATIONS

### Proposed Vehicle Specifications

One (1) new Elgin Crosswind J Sweeper - John Deere Tier 4 Final 4045TF150 Turbocharged 115 Horsepower Diesel engine, 8.0 Cubic Yard Hopper, Right and Left Trailing Arm Side Brooms, Painted Elgin Standard White with Gray Undercarriage. Mounted on an 2016 Freightliner M2. Factory Dualized Chassis with 2013 Emissions and Air Conditioning.

**COST - \$240,000**

## 4 ALTERNATIVE FUEL AND CARB REGULATIONS

### 4.1 Alternative Fuels Availability

#### Proposed Vehicle Alternative Fuels Availability

The current unit is an alternative fueled unit which does not operate well in Ukiah's climate; therefore, a new unit is not recommended to be alternative fueled.

### 4.2 CARB STANDARDS

#### CARB STANDARDS

The proposed vehicle will comply with all current CARB standards.



**Proposed Vehicle:** 2017 Freightliner 114SD 4X2 with Cummins ISL 370 HP Engine, Allison 3000 RDS Transmission, 10-Cubic Yard Capacity, Single Engine Dual Stage Fan unit with 1,000 Gallons Water Capacity, or equal

**Department:** Public Works

**Area of use:** Water and Sewer Operations Division

**Prepared by:** Jarod Thiele, PW Project Analyst & Dave Kirch, Senior Equipment Mechanic

## 1 VEHICLE PURPOSE

### Need for Vehicle within Department Fleet

This vehicle will be used daily for all of the Water and Sewer Division maintenance of the water distribution and wastewater collection systems.

## 2 REPLACEMENT JUSTIFICATION

### 2.1 Current Vehicle

#### Description, Mileage, Funding Source and Market Value

The vehicle being replaced is #2514. It was purchased in 2000. Currently it has 8,000 hours on it. This vehicle is in fair to poor condition, however, there is a large amount of repairs needed.

**Funding:** Equipment Reserve (fund 220)

**Estimated Value:** \$45,000.

### 2.2 Maintenance Costs

#### Overall Condition, Maintenance Costs, Out of Service Time, Parts Availability, and Associated Safety Issues

**Overall Mechanical Condition:** This vehicle is in fair to poor mechanical condition. Currently this vehicle is in need of a new Heui injection system on the main engine and fan blower assembly. The estimated cost of these repairs is \$20,000.

**Maintenance Costs:** For the past year this vehicle has incurred approximately \$11,000 in parts and labor costs.

**Out of Service Time:** This vehicle was out of service for 71 hours over the last fiscal year. In addition, this vehicle will be used minimally after the end of 2015 due to diesel emission requirements. In order for it to comply with

California Air Resources Board (CARB) standards, it would cost approximately \$150,000 to re-power both engines in addition to the repairs mentioned above.

**Parts Availability:** Yes, most parts are available from the factory.

**Associated Safety Issues:** None

## 2.3 Shared Resources

**Define any Resources Currently Available within the City of Ukiah Fleet which could be Utilized for this Purpose.**

This vehicle will have to be sold out of state as it will not comply with CARB emissions standards.

## 3 PROPOSED VEHICLE SPECIFICATIONS

### **Proposed Vehicle Specifications**

10-Cubic Yard Capacity, Single Engine Dual Stage Fan unit with 1000 Gallons of Water, mounted on a 2016 Freightliner 114SD 4X2 with Cummins ISL 370 HP Engine, Allison 3000 RDS Transmission, or equal.

**COST - \$400,000**

## 4 ALTERNATIVE FUEL AND CARB REGULATIONS

### 4.1 Alternative Fuels Availability

#### **Proposed Vehicle Alternative Fuels Availability**

Alternative fueled vehicles for this type of use are not available.

### 4.2 CARB STANDARDS

#### **CARB STANDARDS**

The purchase will comply with all CARB regulations.





**Proposed Vehicle:** One new 2015 Ford F-150 2WD, Super Cab Pickup or equal

**Department:** Public Works

**Area of use:** Wastewater Treatment Plant (WWTP)

**Prepared by:** Jarod Thiele, PW Project Analyst & Dave Kirch, Senior Equipment Mechanic

## 1 VEHICLE PURPOSE

### Need for Vehicle within Department Fleet

This vehicle will be used daily for maintenance at the Wastewater Treatment Plant.

## 2 REPLACEMENT JUSTIFICATION

### 2.1 Current Vehicle

#### Description, Mileage, Funding Source and Market Value

The vehicle being replaced is city vehicle #3725, a 2001 Dodge Ram 1500 pickup. Currently it has 130,000 miles on it. This vehicle is in poor condition.

**Funding:** Sewer Capital (fund 844)

**Estimated Value:** \$1,000.

### 2.2 Maintenance Costs

#### Overall Condition, Maintenance Costs, Out of Service Time, Parts Availability, and Associated Safety Issues

**Overall Mechanical Condition:** This vehicle is in poor mechanical condition. It needs to be replaced with a reliable vehicle for daily maintenance use at the WWTP.

**Maintenance Costs:** For the past year this vehicle has incurred over \$3,000 in parts and labor costs.

**Out of Service Time:** This vehicle was out of service for 36 hours over the last fiscal year.

**Parts Availability:** Yes, most parts are available from the factory.

**Associated Safety Issues:** None

## 2.3 Shared Resources

**Define any Resources Currently Available within the City of Ukiah Fleet which could be Utilized for this Purpose.**

There are no vehicles in the city fleet available for use as a permanent replacement.

## 3 PROPOSED VEHICLE SPECIFICATIONS

### **Proposed Vehicle Specifications**

One new 2015 Ford F-150 2WD, Super Cab Pickup or equal  
**COST - \$30,000**

## 4 ALTERNATIVE FUEL AND CARB REGULATIONS

### 4.1 Alternative Fuels Availability

#### **Proposed Vehicle Alternative Fuels Availability**

An alternative fueled vehicle such as CNG is not recommended due to the amount of time it is used for maintenance of the Waste Water Treatment Plant. A CNG fuelled vehicle would require a rapid fill CNG fueling station. The added expense of constructing a CNG fueling station is not economically feasible at this time.

### 4.2 CARB STANDARDS

#### **CARB STANDARDS**

This vehicle is exempt from CARB standards.



## Water & Sewer Service Truck Justification

**Proposed Vehicle:** One new 2015 Ford F-350, 1 ton, 2WD pickup with Scelzi Service bed or equal

**Department:** Public Works

**Area of use:** Water and Sewer Operations Division

**Prepared by:** Jarod Thiele, PW Project Analyst & Dave Kirch, Senior Equipment Mechanic

### 1 VEHICLE PURPOSE

#### Need for Vehicle within Department Fleet

This vehicle will be used daily for all operations of the Water and Sewer Operations Division.

### 2 REPLACEMENT JUSTIFICATION

#### 2.1 Current Vehicle

#### Description, Mileage, Funding Source and Market Value

This truck will be an addition to the fleet and is needed for all operations of the Water and Sewer Division as well as serve to as the on-call truck.

**Funding:** Sewer Capital (fund 844) = \$30,000;

Equipment Reserve (fund 220) = \$30,000

**Estimated Value:** N/A

#### 2.2 Maintenance Costs

#### Overall Condition, Maintenance Costs, Out of Service Time, Parts Availability, and Associated Safety Issues

**Overall Mechanical Condition:** N/A

**Maintenance Costs:** N/A

**Out of Service Time:** N/A

**Parts Availability:** N/A

**Associated Safety Issues:** N/A

## 2.3 Shared Resources

**Define any Resources Currently Available within the City of Ukiah Fleet which could be Utilized for this Purpose.**

N/A

## 3 PROPOSED VEHICLE SPECIFICATIONS

**Proposed Vehicle Specifications**

One new 2015 Ford F-350, 1 ton, 2WD pickup with Scelzi service bed, or equal.  
**COST - \$60,000**

## 4 ALTERNATIVE FUEL AND CARB REGULATIONS

### 4.1 Alternative Fuels Availability

**Proposed Vehicle Alternative Fuels Availability**

An alternative fueled vehicle is not recommended.

### 4.2 CARB STANDARDS

**CARB STANDARDS**

This vehicle is exempt from CARB standards.



**Proposed Vehicle:** One new 2015 Ford F-250, 3/4 ton, 2WD pickup with Scelzi service bed and lift gate or equal

**Department:** Public Works

**Area of use:** Water Treatment Plant

**Prepared by:** Jarod Thiele, PW Project Analyst & Dave Kirch, Senior Equipment Mechanic

## 1 VEHICLE PURPOSE

### Need for Vehicle within Department Fleet

This vehicle will be used daily for all operations at the Water Treatment Plant, wells, booster station and reservoirs.

## 2 REPLACEMENT JUSTIFICATION

### 2.1 Current Vehicle

#### Description, Mileage, Funding Source and Market Value

The vehicle being replaced is city vehicle #3745, a 2001 Dodge Ram BR2500. Currently it has 148,000 miles on it. This vehicle is in fair to poor condition.

**Funding:** Equipment Reserve (fund 220)

**Estimated Value:** \$2,000

### 2.2 Maintenance Costs

#### Overall Condition, Maintenance Costs, Out of Service Time, Parts Availability, and Associated Safety Issues

**Overall Mechanical Condition:** This vehicle is in fair to poor mechanical condition. Currently, the engine is leaking oil.

**Maintenance Costs:** For the past year, this vehicle has incurred approximately \$1,500 in parts and labor costs.

**Out of Service Time:** Normal out-of-service time for a vehicle of this age.

**Parts Availability:** Yes, most parts are available from the factory.

**Associated Safety Issues:** None

## 2.3 Shared Resources

**Define any Resources Currently Available within the City of Ukiah Fleet which could be Utilized for this Purpose.**

There are no other available vehicles which could be used.

## 3 PROPOSED VEHICLE SPECIFICATIONS

**Proposed Vehicle Specifications**

One new 2015 Ford F-250 2WD pickup with Scelzi service bed and lift gate or equal.  
**COST - \$45,000**

## 4 ALTERNATIVE FUEL AND CARB REGULATIONS

### 4.1 Alternative Fuels Availability

**Proposed Vehicle Alternative Fuels Availability**

An alternative fueled vehicle is not recommended.

### 4.2 CARB STANDARDS

**CARB STANDARDS**

This vehicle is exempt from CARB standards.