

**CITY OF PLACERVILLE
DRAFT FIVE-YEAR MEASURE H FUND AND MEASURE L FUND CAPITAL IMPROVEMENT PROGRAM BUDGET
AS OF JUNE 15, 2017**

a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	
PROJECT NAME	CIP NO. IF APPLICABLE	PROJECT DESCRIPTION	ESTIMATED PROJECT COST	NOTES	RANKING CRITERIA					ANTICIPATED FUNDING THROUGH 06/30/17	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022	
					PCI RANGE 1-25: 4 26 - 50: 3 51 - 75: 2 76 - 100: 1	AVERAGE DAILY TRAFFIC RANGE 10,000 AND ABOVE: 4 5,000 - 10,000: 3 2,500 - 5,000: 2 1 - 2,500: 1	POTENTIAL FOR LIABILITY High Probability: 4 Low Probability: 1	LEVERAGE WITH OUTSIDE FUNDING SOURCE High Probability: 4 Low Probability: 1	OVERALL RANKING SCORE							
					PIPE MATERIAL/AGE (YEARS) MORE THAN 70: 4 50 - 70: 3 25-50: 2 1 - 25: 1	PIPE MATERIAL CONDITION Poor: 4 Excellent: 1	POTENTIAL FOR LIABILITY/ CLAIMS/FINES High Probability: 4 Low Probability: 1	LEVERAGE WITH OUTSIDE FUNDING SOURCE High Probability: 4 Low Probability: 1	OVERALL RANKING SCORE							
1	PLACERVILLE STATION II - PARK AND RIDE	40708	SITE IMPROVEMENTS AND MOSQUITO ROAD IMPROVEMENTS ALREADY INCLUDED IN THE PROJECT, PARTIALLY FUNDED THRU FTA GRANT AND RSTP EXCHANGE FUNDS	\$ 1,325,750	PROJECT FUNDED THROUGH \$990,000 GRANT FROM FTA, FUNDING DEADLINE IS APPROACHING	3.00	3.25	4.00	4.00	89%	\$ 974,464	\$ 351,286	\$ -	\$ -	\$ -	\$ -
2	Robust Patch Paving/Crack Sealing Project for Various Streets - Annual Project List	PSP.6	Broadway, Upper Main Street, Lower Main Street, Mallard Lane, Coleman, Country Club Drive, Pacific Street, Placerville Drive, Etc. ^	50,000	Maintenance Efforts Are Cheaper Than Reconstruction and Increase Service Life of the Road.	1.50	3.00	4.00	1.00	59%	-	50,000	50,000	50,000	50,000	50,000
3	Slurry Maintenance Projects - Annual Project List	PSP.7	Miscellaneous Streets with PCI of 60 and above.^	150,000	Maintenance Efforts Are Cheaper Than Reconstruction and Increase Service Life of the Road.	1.50	3.00	4.00	1.00	59%	150,000	150,000	150,000	150,000	150,000	150,000
4	Subtotal Street Only Projects			1,525,750							974,464	551,286	200,000	200,000	200,000	200,000
5	MOSQUITO ROAD WATERLINE REPLACEMENT - INCLUDED IN PLACERVILLE STATION II	407082	Replace approximately 1000 LF of existing 1" water main with 8" water main	184,500	Inadequate Fire Flow, Construct with Placerville Station II - Construction 2018	2.50	4.00	4.00	3.00	84%	187,374	-	-	-	-	-
6	Subtotal Water Only Projects			184,500							187,374	-	-	-	-	-
7	MOSQUITO ROAD SEWER MAIN REPLACEMENT - INCLUDE AS PART OF PLACERVILLE STATION II	407082	Replace approximately 1000 LF of existing sewer main up to Hocking.	184,500	Main Located in Randolph Creek, Construct with Placerville Station II - Construction 2018	2.50	4.00	4.00	2.00	78%	-	184,500	-	-	-	-
8	MADRONE AND GIOVANNI LIFT STATIONS - REHABILITATION	40330	Reconstruct Giovanni and Madrone Sewer Lift Stations and upgrade wells, connecting mains and laterals, pumps, controls and SCADA system. - Fully Funded	1,200,000	Pumping System Unreliable, I&I at sewer main, regular maintenance. - 2017 Construction	2.25	4.00	4.00	1.00	70%	761,086	438,914	-	-	-	-
9	SODIUM HYDROXIDE PUMP MANIFOLD SYSTEM PUMP REPLACEMENT	WRF 1	Replacement of the existing pump manifold system and replacement piping. Sodium hydroxide is used to regulate the alkalinity/pH in the treatment process.	20,914	TBD	TBD	TBD	TBD	1.00	-	20,914	-	-	-	-	-
10	DIGESTER NO. 2 PUMP REPLACEMENT	WRF 2	Replacement of the existing Digester No. 2 chopper pump as damaged from the January and February storm events. City's contribution is 6.25% of \$9,732.	608	TBD	TBD	TBD	TBD	4.00	-	608	-	-	-	-	-
11	AUTOMATIC TRANSFER SWITCH (ATS)	WRF 3	The ATS transfers power delivery from the electrical supply to the emergency generator and vice versa during a power outage, enabling the plant to retain process functions. The existing ATS is no longer operative.	80,062	TBD	TBD	TBD	TBD	1.00	-	80,062	-	-	-	-	-
12	GRIT CLASSIFIER REPLACEMENT	WRF 4	Replacement of the existing Grit Classifier located within the headworks at the Water Reclamation Facility. The existing classifier was damaged during the January and February storms. City's contribution is 6.25% of \$141,949	8,872	TBD	TBD	TBD	TBD	4.00	-	8,872	-	-	-	-	-
13	GRIT PUMP REPLACEMENT	WRF 5	Replacement of the existing Grit Pump located within the headworks at the Water Reclamation Facility. Existing pump was damaged in the January and February storm events. City's contribution is 6.25% of \$23,436	1,465	TBD	TBD	TBD	TBD	4.00	-	1,465	-	-	-	-	-
14	SCREEN REPLACEMENT	WRF 6	Replacement of the existing located within the existing headworks at the Water Reclamation Facility. This item was damaged during the January and February 2017 storm events. The City's contribution is 6.25% of \$147,355.	9,210	TBD	TBD	TBD	TBD	4.00	-	9,210	-	-	-	-	-
15	REPLACEMENT OF HANGTOWN CREEK STREAM FLOW AND TEMPERATURE GAUGES CORRESPONDING CALIBRATION	WRF 7	Replacement of the existing stream level gauges above and below the permitted discharge locations allowing appropriate measurement of stream flow and profile measurements. The existing gauges were damaged during the recent storms by stream debris. The City's contribution is 6.25% of \$25,862.	1,616	TBD	TBD	TBD	TBD	TBD	-	1,616	-	-	-	-	-
16	I&I REDUCTION - ANNUAL PROJECT LIST		In response to Silver Lawsuit and the 4/12/17 NOV - City will identify collection system segments and address or enforce the code upon private service connections with known I&I.	250,000	Necessary to Avoid NOV Fines	4.00	4.00	4.00	1.00	81%	100,000	250,000	250,000	250,000	250,000	250,000

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17	BROADWAY SEWER MAIN IMPROVEMENTS		Address Failing Segments of Pipe, Service Connections, and Manhole Structures, Various Locations from Main to Schnell School	350,000	Regular Maintenance	2.50	4.00	2.50	2.00	69%							
18	ACACIA STREET - REPLACEMENT OF FAILED ORANBURG PIPE*	N1.1	Construct approximately 750 LF of new 6" sewer main to replace existing failed Orangeburg pipe, located on Acacia.	165,000		3.50	4.00	3.50	1.00	75%	-	-	-	-	8,772	156,228	
19	ACACIA LINE 2 - REPLACEMENT OF FAILED ORANBURG PIPE	N1.2	Construct approximately 450 LF of new 6" sewer main to replace existing failed Orangeburg pipe located below existing residential structures.	99,000		3.50	4.00	3.50	1.00	75%	-	-	-	-	-	-	
20	FERRARI COURT PARALLEL TO HOCKING ST. FROM MOSQUITO RD TO MOUNTAIN LN	N2.1	Construct approximately 1000 LF of new 6" sewer main to replace existing failed Orangeburg pipe located in inaccessible area.	220,000		3.50	4.00	3.50	1.00	75%	-	-	-	-	-	-	
21	BEE ST/SIMAS WAY AREA 8" SEWER LINE REPLACEMENT	N2.2	Construct approximately 360 LF of new 8" sewer main to replace existing failed Orangeburg pipe running cross country from Bee Street to Canal Street.	79,200		3.50	4.00	3.50	1.00	75%	-	-	-	-	-	79,200	
22	HANGTOWN CREEK TRUNK SEWER RELOCATION: CLAY STREET TO LOCUST STREET AT EL DORADO TRAIL	N/A	Replace and relocate existing 16" Ductile Iron Sewer Trunk and 6" Cast Iron sewer within creek streambed with a deep 18" PVC Sewer Trunk line in El Dorado Trail ROW that will allow gravity flow of the service laterals under creek to new sewer line.	1,800,000	Big Liability with State Permitting	2.75	4.00	4.00	4.00	92%	-	-	400,000	500,000	500,000	400,000	
23	MYRTLE AVE. 6" SEWER LINE REPLACEMENT	N3.1	Construct approximately 400 LF of new 6" sewer main to replace existing failed Orangeburg pipe between Myrtle Ave and Canal in the Vicinity of 627 - 645 Myrtle Ave. and 624 - 632 Canal Street	88,000		3.50	4.00	3.50	1.00	75%	-	-	51,000	37,000	-	-	
24	MORRENE/MOSQUITO 8" SEWER LINE REPLACEMENT	N3.2	Construct approximately 900 LF of new 8" sewer main to replace existing failed Orangeburg pipe running cross country between Morrene Drive and Mosquito Road.	198,000		3.50	4.00	3.50	1.00	75%	-	-	-	-	-	198,000	
25	ANDERSON WAY/WILLOW STREET 8" SEWER LINE REPLACEMENT	N4.1	Construct approximately 300 LF of new 8" sewer main to replace existing failed Orangeburg pipe between 2864 and 2870 Willow Street.	66,000		3.50	4.00	3.50	1.00	75%	-	-	-	-	66,000	-	
26	BEDFORD AVENUE SEWER LINE REPLACEMENT	N4.2	Construct approximately 800 LF of new 8" sewer main to replace existing failed Orangeburg pipe within Bedford Ave.	176,000		3.50	4.00	3.50	1.00	75%	-	-	-	-	176,000	-	
27	PLEASANT STREET SEWER REPLACEMENT	1130	I&I OBSERVED DURING 2017 STORMS	361,600		3.00	4.00	4.00	2.00	81%	-	-	-	197,833	163,767	-	
28	HANGTOWN CREEK SEWER REPLACEMENT MH25 - 33, AND 35-37	1182	MAIN LOCATED WITHIN HANGTOWN CREEK, SPANS FROM RANDOLPH CREEK CONFERENCE TO LOCUST, REPLACE WITH 6" MAIN OUT OF CREEK.	378,240	CONSTRUCT PROJECTS 2 AND 3 TOGETHER	2.75	4.00	4.00	2.00	80%	-	-	-	-	-	378,240	
29	RANDOLPH CREEK AT HANGTOWN CREEK MH 25-33	1803	4" MAIN LOCATED WITHIN RANDOLPH CREEK AND UNDERSIZED, REPLACE WITH 6" MAIN OUT OF CREEK FROM 715 MAIN TO 1178 BROADWAY PUBLIC WORKS TO INSPECT.	631,050	CONSTRUCT PROJECTS 2 AND 3 TOGETHER	2.75	4.00	4.00	2.00	80%	-	-	-	-	-	631,050	
30	CEDAR RAVINE CREEK MH 32-35	3388	MAIN LOCATED WITHIN CEDAR RAVINE CREEK AND CURRENTLY ONLY ONE MANHOLE	1,185,800		3.00	4.00	4.00	2.00	81%	-	798,344	291,123	96,333	-	-	
31	Subtotal Sewer Only Projects			7,555,137								761,086	1,644,505	992,123	1,081,166	1,164,539	2,092,718
32	Subtotal Water & Sewer Only Projects			7,739,637								948,460	1,644,505	992,123	1,081,166	1,164,539	2,092,718
33	RAY LAWYER DRIVE - ARMORY ROAD TO FAIR LANE ROAD STABILIZATION PROJECT	PSP.3	PCI Range: 22 - 52, Crack Seal, Partial Reconstruction, Isolated Grind and Overlay, and Slurry Total Surface Area: 189,000 SF, valued at \$4/SF ADT: 11,000 VPD	756,000		3.00	4.00	4.00	4.00	94%	-	-	756,000	-	-	-	
34	SPRING STREET		PCI Range: 24-38, Full Reconstruction Likely Needed Total Surface Area: 83,100 SF, valued at \$18/SF ADT: 8,500 VPD (Recent Data Needed)	1,495,800		3.25	3.75	4.00	4.00	94%	-	-	-	747,900	747,900	-	
35	MOSQUITO ROAD - CLAY TO CITY LIMITS ROAD STABILIZATION PROJECT	PSP.2	PCI Range: 12 - 31, Partial Reconstruction, Isolated Grind and Overlay, and Slurry Total Surface Area: 74,800 SF, valued at \$15/SF ADT: 6,950 VPD	1,122,000	Deliver/Construct with Placerville Station II - 2018 Construction	2.20	3.45	4.00	2.20	74%	-	250,000	250,000	250,000	250,000	122,000	
36	CANAL STREET (SEE PROJECT COMPONENTS BELOW)	TBD	Potential financing of street, sewer, and water improvements.	See amounts below.	PUBLIC PRIORITY PROJECT - CONSTRUCTION TO CORRELATE WITH SCHOOL SCHEDULE. PAY AS YOU GO FOR ENVIRONMENTAL AND DESIGN. POTENTIAL FINANCING FOR CONSTRUCTION - ESTIMATED 10-YEAR PAYOUT	3.00	3.25	4.00	2.67	81%	-	500,000	500,000	500,000	500,000	500,000	
37	CANAL STREET - MOULTON DRIVE TO FAIRVIEW DRIVE-Street Only		PCI Range: 22 - 33, Full Reconstruction Likely Needed Total Surface Area: 141,400 SF, valued at \$20/SF ADT: 8,500 (Recent Data Needed)	2,828,000	FULL ROADWAY RECONSTRUCTION	3.00	3.75	4.00	4.00	92%	-	-	-	-	-	-	

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38	CANAL WATERMAIN REPLACEMENT ONLY		REPLACE EXISTING MAIN AS PART OF LARGER PROJECT	1,212,000	CONSTRUCT WITH STREET REHABILITATION	3.00	3.00	4.00	2.00	75%	-	-	-	-	-	-
39	CANAL SEWER REPLACEMENT ONLY		REPLACE EXISTING SEWER MAIN, LINING OF SOME PORTIONS MAY BE POSSIBLE. PUBLIC WORKS TO INSPECT	1,414,000	CONSTRUCT WITH STREET REHABILITATION	3.00	3.00	4.00	2.00	75%	-	-	-	-	-	-
40	PLACERVILLE DRIVE - FORNI ROAD TO ARMORY ROAD STABILIZATION PROJECT	PSP.1	PCI: 23, Crack Seal, Partial Reconstruction, Isolated Grind and Overlay, and Slurry Total Surface Area: 82,100 SF, valued at \$4/SF	328,400	Ultimate Roadway Improvements to be Delivered/Constructed with Placerville Bike and Ped Project - No Construction Funding Yet, Estimated 5 years.	4.00	4.00	4.00	4.00	100%	-	-	-	-	-	-
41	BEDFORD AVENUE - COLEMAN TO SPRING STREET	PSP.4	PCI: 3, Reconstruction and Full Depth Paving Total Surface Area: 8400 SF, valued at \$20/SF ADT: 6,500 VPD (Recent Data Needed)	210,000	PUBLIC PRIORITY PROJECT	4.00	3.20	3.75	4.00	93%	-	-	-	-	-	-
42	Establish Measure L Operating Reserve			200,000							-	200,000	-	-	-	-
43	Subtotal Combined Street, Water, & Sewer Projects			9,566,200							-	950,000	1,506,000	1,497,900	1,497,900	622,000
44	Total All Projects			\$ 17,305,837							\$ 948,460	\$ 3,145,791	\$ 2,698,123	\$ 2,779,066	\$ 2,862,439	\$ 2,914,718
45	FORECASTED MEASURE H REVENUE & UNENCUMBERED FUND BALANCE											\$ 583,104	\$ 559,454	\$ 576,237	\$ 593,525	\$ 611,330
46	FORECASTED MEASURE L REVENUE & UNENCUMBERED FUND BALANCE											2,562,687	2,138,669	2,202,829	2,268,914	2,336,982
47	TOTAL MEASURES H & L REVENUES & UNENCUMBERED FUND BALANCE											\$ 3,145,791	\$ 2,698,123	\$ 2,779,066	\$ 2,862,439	\$ 2,948,312
DIFFERENCE											\$ 0	\$ -	\$ -	\$ -	\$ 33,594	

*The dollar amounts for crack seal and slurry projects are subject to change depending on the amount and use limitations of SB 1 (new gas tax) revenues.