

AMENDED 11/6/2020

Pursuant to Governor Newsom's Executive Order N-29-20, members of the Resources & Infrastructure Standing Committee and staff will participate in this meeting via a teleconference. Members of the public can submit written comments to the Board Secretary at boardcomment@camabriacsd.org.



RESOURCES & INFRASTRUCTURE COMMITTEE

REGULAR MEETING
Monday, November 9, 2020 - 2:00 PM

Amended 11/6/2020

AGENDA

Please click the link below to join the webinar:

<https://zoom.us/j/96647247015?pwd=SjY1UGROazQ3OHBGbk4xdUdqMUtudz09>

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Copies of the staff reports or other documentation relating to each item of business referred to on the agenda are on file in the Office of the Board Secretary, available for public inspection during District business hours. The agenda and agenda packets are also available on the CCSD website at www.camabriacsd.org. Please call 805-927-6223 if you need any assistance. If requested, the agenda and supporting documents shall be made available in alternative formats to persons with a disability. The Committee Chairperson will answer any questions regarding the agenda.

- A. CALL TO ORDER
 - B. ESTABLISH QUORUM
 - C. CHAIRMAN'S REPORT
 - D. AD HOC COMMITTEE REPORTS
- 1. PUBLIC COMMENT**

Members of the public may now address the Committee on any item of interest within the jurisdiction of the Committee but not on its agenda today. Future agenda items can be suggested at this time. In compliance with the Brown Act, the Committee cannot discuss or act on items not on the agenda. Each speaker has up to three minutes.

2. CONSENT AGENDA

- A. Consideration to Approve the October 13, 2020 Regular Meeting Minutes

3. REGULAR BUSINESS

- A. Discussion and Consideration Regarding the New Capital Improvement Project (CIP) List to be Forwarded to Finance Committee for Review Changed
- B. Discussion and Consideration to Appoint an Ad Hoc Committee for the Urban Water Management Plan Update
- C. Receive Update on the Investment Grade Audit (IGA)

4. FUTURE AGENDA ITEMS

5. ADJOURN

RESOURCES & INFRASTRUCTURE COMMITTEE

REGULAR MEETING
Tuesday, October 13, 2020 - 2:00 PM

MINUTES

A. CALL TO ORDER

Chairman Pierson called the meeting to order at 2:04 p.m.

B. ESTABLISH QUORUM

Committee members present via Zoom: David Pierson, Karen Dean, Paul Nugent, Brad Fowles, Tom Gray and James Webb.

Staff present via Zoom: District Engineer & Utilities Manager Ray Dienzo, General Manager John Weigold.

C. CHAIRMAN'S REPORT

No chairman's report.

D. AD HOC COMMITTEE REPORTS

Chairman Pierson reported on work of joint Finance/R&I ad hoc committee on Sustainable Solutions Turnkey (SST) program funding. Loan or grant opportunities will be pursued with the California Energy Commission, U.S. Dept. of Agriculture, Clean Water State Revolving Fund, California Infrastructure and Economic Development Bank (iBank) and possible bond financing.

1. PUBLIC COMMENT

No Public Comment.

2. CONSENT AGENDA

A. Consideration to Approve the September 21, 2020 Regular Meeting Minutes

Motion to approve the minutes.

Motion by: Vice-Chair Dean

Seconded by: Member Fowles

The motion was approved 5-Ayes (Dean, Fowles, Gray, Nugent, Webb), 0-Nays, 0-Absent.

3. REGULAR BUSINESS

A. Discussion regarding District's Asset Management Program and consideration of appointing an Ad Hoc Committee

Motion to form Ad Hoc Committee for purpose of creating inventory of District assets.

Motion by: Member Gray

Seconded by: Member Nugent

The motion was approved 5-Ayes (Dean, Fowles, Gray, Nugent, Webb), 0-Nays, 0-Absent.

Chairman Pierson called for volunteers; members Fowles and Nugent volunteered and were appointed as the Committee.

- B. Discussion and consideration regarding the new Capital Improvement Project (CIP) list to be forwarded to Finance Committee for review

Committee reviewed latest version of CIP list; Chairman Pierson proposed tabling item until firmer cost figures and more specific priority descriptions are available

Item tabled (see "Future Agenda Items" below)

- C. Receive Update on progress made on the Urban Water Management Plan

Public Comment: Crosby Swartz, Elizabeth Bettenhausen.

District Engineer & Utilities Manager Ray Dienzo reported on current status of work by Water Systems Consulting on update of the CCSD's Urban Water Management Plan. Dienzo notes that the State has released its draft guidebook for the update, and that the work is on track to be completed in mid-2021.

4. FUTURE AGENDA ITEMS

Chairman Pierson proposed the following three items for future agenda(s):

- Review of the CIP list (see Item 3B above)
- Discussion and consideration of appointing an ad hoc committee for the Urban Water Management Plan update.
- Update on the Investment-Grade Audit (IGA)

5. ADJOURN

Chairman Pierson adjourned the meeting at 3:07 p.m.

A	B	C	D	E	F	G
1	General Fund CIP (For Discussion Only - Modified 11/4/2020)					
2	General Fund Projects	Ranking	FY Project Cost	10-Yr Cost	Notes	
3	FY Administration Department Projects					
4	20-21 Tyler Incode	1	\$ 71,773	\$ 76,050		
5	Replace District Car	3	\$ -	\$ 30,000		
6						
7		Subtotal	\$ 71,773	\$ 106,050		
8	FY Facilities & Resources/PROS Projects					
9	20-21 Trailer - Homeless Personal Property Storage	1	\$ 12,000	\$ 12,000		
10	20-21 F350 Truck - Replace 1999 F150 Truck	1	\$ 40,000	\$ 40,000		
11	20-21 Electric Vehicle Charging Station (Vets Hall)	1	\$ 22,272	\$ 22,272	Grant of \$8,977 awarded to offset; pending budget adjustment	
12	Skate Park Improvements	1	\$ -	\$ -	Cost Unknown	
13	20-21 Restroom Facilities @ Fiscalini Ranch Preserve	1	\$ 20,000	\$ -	Total cost unknown, 20k grant for design	
14	Vets Hall Sewer Line	1	\$ -	\$ 40,000	Priority from VH Meeting 1.30.2020	
15	Vets Hall Electrical Emergency (Generator & Equipment)	1	\$ -	\$ 50,000	Priority from VH Meeting 1.30.2020	
16	Vets Hall Water Line	2	\$ -	\$ 10,000	Priority from VH Meeting 1.30.2020	
17		Subtotal	\$ 72,000	\$ 174,272		
18	FY Fire Department Projects					
19	20-21 Radio System Upgrade Phase 2	1	\$ 40,729	\$ 40,729	Grant Funding as possible offset	
20	Fuel Station Computer Replacement	3	\$ -	\$ 10,000	50% cost paid by CCHD	
21	Fire Department Station Security	2	\$ -	\$ 80,000		
22	Zoll X Series EKG (2 systems)	2	\$ -	\$ 80,000		
23	Replace Fire Truck - Engine Type 1	3	\$ -	\$ 700,000	FY 2027	
24	Purchase New Fire Truck - Engine Type 3	3	\$ -	\$ 400,000	FY 2022	
25	Replace Water Tender	3	\$ -	\$ 250,000	FY 2024	
26	Facility Training Center (Sea Train Container)	3	\$ -	\$ 100,000		
27	Fire Station Expansion	3	\$ -	\$ 3,000,000	Includes Admin Office	
28	Extrication Tool	2	\$ -	\$ 60,000		
29		Subtotal	\$ 40,729	\$ 4,720,729		
30			GRAND TOTAL	\$ 5,001,051		
31	Budgeted for FY 2020-2021		Priority 1 Total	\$ 281,051		
32	Completed		Priority 2 Total	\$ 230,000		
33	In Progress		Priority 3 Total	\$ 4,490,000		
34	Not Started		Priority 4 Total	\$ -		
35			SST Total	\$ -		

A	B	C	D	E	F	G
1	Wastewater CIP - Capital Improvement Program (Revised 11/4/2020 - For Discussion Only)					
2	Wastewater Projects	Ranking	FY Project Cost	10-Yr Cost	Notes	
3	FY Treatment Plant Projects in SST (All SST Cost Estimates Current as of 6/2/2020)					
4	20-21	Investment Grade Audit (30% Design for all ECMs)	SST	\$ 528,404	\$ 688,404	Added 2/26; Balance budgeted for FY21
5	20-21	Electrical Upgrades (ECM 7) - Conduits between PG&E transformer and service witchboard, switchboard, connections to existing switchboard, connections to	SST	\$ 232,500	\$ 337,963	
6		Secondary Water System (3W) Improvements (ECM 10) - Submersible pumps, hydrpneumatic tank, demo, electrical/I&C	SST		\$ 218,985	
7		Sewer Lift Stations (ECM 12) - Lift Station B1, Lift Station B4, Lift Station 4: Electrical/I&C	SST		\$ 2,739,235	
8		Influent Lift Station Modifications (ECM 2) - Bypassing; VFDs; Equipment & Material Demo; Pumps, guiderails, valves, and piping installation; upper concrete wet well deck & hatches (installation); electrical/I&C; new concrete and repair coatings	SST		\$ 1,025,772	
9		Modified Ludzak-Ettinger Process Upgrade (ECM 3) - MLE conversion based on Carollo 2015 Study minus VFD costs; header repair	SST		\$ 1,012,326	
10		Influent Flow Equalization (ECM 1) - New or refurbished EQ tanks based on Carollo 10% design	SST		\$ 922,043	
11		Effluent Pump Station Improvements (ECM 11) - Demo; surge tank replacement; instrumentation; replace air release valves; pipeline cleaning and flushing; electrical/I&C	SST		\$ 374,580	
12		RAS and WAS Pumping Improvements (ECM 5) - RAS pumping system; WAS pumping system; scum pumps replacement; skimming troughs replacement; electrical/I&C	SST		\$ 733,792	
13		SCADA System (ECM 9) - New SCADA system based on Carolla 10% Design	SST		\$ 455,259	
14	20-21	Backup Power (ECM 8) - 365 kW NG Generator; Demo; Propane backup	SST	\$ 99,500	\$ 479,327	Switch Gear FY21
15		Blower System Improvements (ECM 4) - Replace 2 blowers; duct replacement	SST		\$ 457,179	
16		Sludge Thickening (ECM 6) - Rehabilitate rotary drum thickener and screw press; new transfer pumps; stabilization tanks; aeration system and control valve; demo of clarifiers; rolloff area with roof; electrical/I&C	SST		\$ 971,987	
17		Subtotal		\$ 860,404	\$ 10,416,852	
18	FY Treatment Plant Projects Not in SST					
19	20-21	Security Improvements	1	\$ 15,000	\$ 15,000	Added 5/2020
20		Clarifier Improvements				
21		Eastern clarifier - Replace chain drive	1		\$ 40,000	
22		Eastern clarifier - Replace drive unit's metallic hubs with non-corrosive hubs	1		\$ 35,000	
23		Eastern clarifier - Replace clarifier chain, wear shoes, skid plates, & sprockets	2		\$ 40,000	
24		Western clarifier - Replace clarifier chain, wear shoes, skid plates, & sprockets	2		\$ 40,000	
25		Subtotal		\$ 15,000	\$ 170,000	
26	FY Collection System Projects					
27		Lift Station A (Nottingham & Leighton/Park Hill)				
28		New Submersible Pumps, MCC, Bypass Piping, Control Panel at Grade Elevation	1		\$ 490,000	
29		Lift Station A-1 (Sherwood & Harvey/Marine Terrace)				
30		New Submersible Pumps, Bypass Piping	1		\$ 265,000	
31		Lift Station B - (SR Creek/Behind Park Hill)				
32		New Control Panel, Generator, Wet Well, Submersible Pumps, and Valve Vault	3		\$ 435,000	
33		Lift Station B-2 (Wood Dr./E. Lodge Hill)				
34		New Control Panel at Grade Elevation	1		\$ 425,000	
35		Lift Station B-3 (Green St./W. Lodge Hill)				
36		New Control Panel	1		\$ 250,000	
37		New Submersible Pumps, MCC, Bypass Piping	3		\$ 250,000	
38		Collection System Assessment software (E.g, t4 Spatial or other)	3		\$ 10,000	
39		Subtotal		\$ -	\$ 2,125,000	
40	GRAND TOTAL \$ 12,711,852					
43	Budgeted for FY 2020-2021			Priority 1 Total	\$ 1,520,000	
44	Not Started			Priority 2 Total	\$ 80,000	
45	In Progress			Priority 3 Total	\$ 695,000	
46				Priority 4 Total	-	
47				SST Total	\$ 10,416,852	\$ -
49	Completed Projects					
50	FY Vehicles and Trailer- Mounted Equipment					
51	19-20	Pearpoint or equal TV inspection camera (removed cost from mid year total to meet reduced funding balance, 11/20/2018.)	1		\$ 75,000	\$ 75,000
52	18-19	F-350 Service Truck with Crane Body	1		\$ 57,040	\$ 56,540
53	19-20	Vactor truck - replace with new \$430K truck that meets emssion requirements (7 yr loan @ 4.5%)	1		\$ 518,000	\$ 402,435
54	19-20	Replacement Rack Truck (F-150)	-	\$ -	\$ 24,193	\$ 24,193
55	FY Treatment Plant Projects Not in SST					
56	18-19	Influent screen, support platform design, & installation	1		\$ 164,509	\$ 156,675
57	FY Collection System Projects					
58	19-20	Lift Station A-1 MCC, SCADA Improvements	1		\$ 45,000	\$ 50,835
60	GRAND TOTAL \$ 765,678					
63						

A	B	D	E	F	G	H
1	Water CIP - Capital Improvement Program (Revised 11/4/2020 - For Discussion Only)					
2	Water Projects	Ranking	FY Project Cost	10-Yr Cost	Notes	
3	FY	Water Distribution System Projects				
4	20-21	1	\$ 50,000	\$ 200,000	In Permitting; RFP	
5	20-21	1	\$ 97,000	\$ 1,050,000	Developing RFP	
6		1		\$ 10,000		
7		2		\$ 150,000		
8		3		\$ 130,000		
9		3		\$ 35,000		
10		4		\$ 80,000		
11		4		\$ 165,000		
12		Subtotal	\$ 147,000	\$ 1,820,000		
13	FY	Tank & Booster Pump Station Projects				
14	20-21	1	\$ 60,000	\$ 250,000	Beginning Phase 2	
15		2		\$ 458,000	Recategorized 2/26	
16		2		\$ 25,000		
17	20-21	3	\$ 62,000	\$ 1,016,000	Design/Permitting Budgeted FY21	
18		Subtotal	\$ 122,000	\$ 1,749,000		
19	FY	Vehicles and Trailer-Mounted Equipment				
20	20-21	1	\$ 35,000	\$ 35,000	Added 5/2020	
21		Subtotal	\$ 35,000	\$ 35,000		
22	FY	Water conservation				
23	20-21	1	\$ 10,000	\$ 10,000		
24		Subtotal	\$ 10,000	\$ 10,000		
25						
26					GRAND TOTAL \$ 3,614,000	
28				Priority 1 Total	\$ 1,555,000	
29				Priority 2 Total	\$ 633,000	
30				Priority 3 Total	\$ 1,181,000	
31				Priority 4 Total	\$ 245,000	
33	Completed Projects		Ranking		Actual Cost	Notes
34	FY	Vehicles and Trailer-Mounted Equipment				
35	18-19	1		\$ 74,871		
36	18-19	2		\$ 22,557		
37	18-19	2		\$ 46,169		
38	FY	Tank & Booster Pump Station Projects				
39	19-20	2		\$ 50,449		
40						
41					GRAND TOTAL 194,046	
44	SWF CIP - Capital Improvement Program (Revised 5/27/2019 - For Discussion Only)					
45	SWF Projects		Ranking	FY Project Cost	10 yr Cost	Notes
46	Permitting					
47		1		\$ 28,609	Increased cost 2/26	
48	20-21	1	\$ 62,580	\$ 100,000	Recorded as Operating Expense	
49		Subtotal	\$ 62,580	\$ 128,609		
50	Interim, short-term SWF Modifications					
51	20-21	1	\$ -	\$ 20,000	Grading, Rock Recorded as M&R	
52		Subtotal	\$ -	\$ 20,000		
53	Advanced Water Treatment Plant					
54		2		\$ 10,000		
55		Subtotal	\$ -	\$ 10,000		
56	Long-Term Improvement Modifications					
57		1		\$ 40,000		
58		2		\$ 200,000		
59		2		\$ 50,000		
60		3		\$ 25,000		
61		3		\$ 10,000		
62		3		\$ 375,000		
63		Subtotal	\$ -	\$ 700,000		
64						
65					GRAND TOTAL \$ 858,609	
67				Priority 1 Total	\$ 188,609	
68				Priority 2 Total	\$ 260,000	
69				Priority 3 Total	\$ 410,000	
70				Priority 4 Total	-	
72	Completed Projects		Ranking		Actual Cost	Notes
73	FY	Advanced Water Treatment Plant				
74	19-20	2		\$ 59,639		
75	FY	Interim, short-term SWF Modifications				
76	18-19	1		\$ 12,566		
77	18-19	1		\$ 94,515		
78						
79					GRAND TOTAL 166,720	