SWEETWATER SPRINGS WATER DISTRICT

TO: Board of Directors **AGENDA NO. V-F**

FROM: Ed Fortner, General Manager

Meeting Date: November 5, 2020

SUBJECT: FY 2020-2021 CIP Status Update

RECOMMENDED ACTION: Receive status report for FY 2020-2021 CIP.

FISCAL IMPACT: N/A

DISCUSSION:

At the October Board Meeting, the Board received an update on the FY 2020-2021 CIP. The project includes ~5,600 linear feet of 6" HDPE water main replacement along Old River Rd and Woodland Drive. The existing water mains consist of 4" and 6" galvanized pipe and has 20-25 lead goosenecks connected to the service lines. These lead materials are required to be removed as soon as possible by the State Water Resources Control Board (SWRCB). Sweetwater Springs Water District included this lead material removal in a plan submitted to the SWRCB. The removal of these lead materials will complete removal of all known lead materials in both the Guerneville and Monte Rio systems. Also, the galvanized lines have had numerous leaks and failures over the years and represent a bottleneck in the Guerneville system between earlier Capital upgrade projects. The grant funding for this project was based, in part, on replacing these substandard materials.

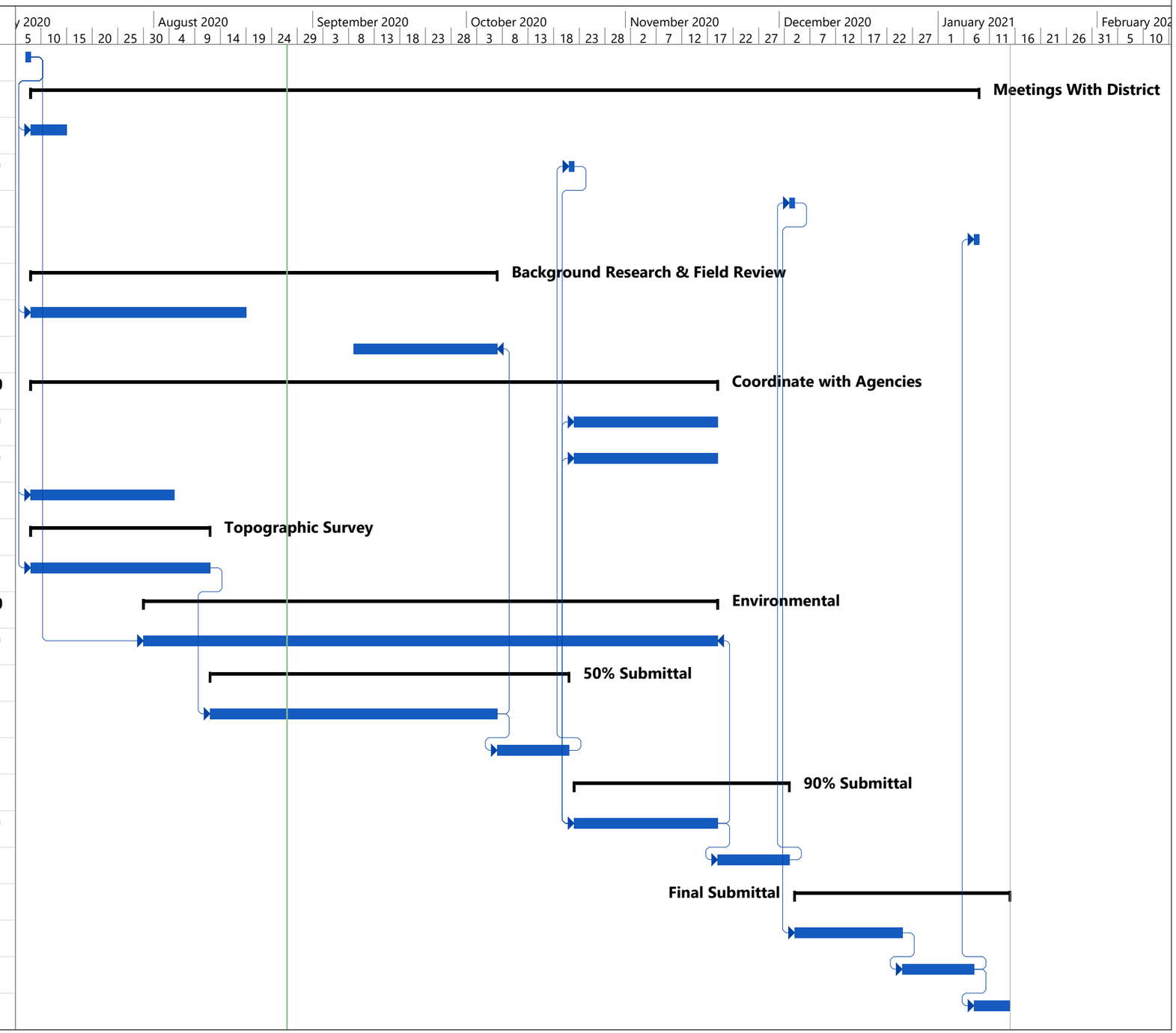
John Wanger and Steve Van Saun, from Coastland provided an update to the status of the project. The CIP project is under design and they have sent the 50% submittal to us per the attached schedule. Coastland was at the site on September 10th for a field review and had a few questions on some of the existing water improvements. Jack responded to the questions and also coordinated utility locates for us and assisted with the FerrelGas locates. Staff has submitted feedback on the 50% design and we met with Coastland on November 2nd to further refine the design.

Sweeetwater Springs Water District
2021 CIP
Design Schedule

Thu 8/27/20

COASTLAND
CIVIL ENGINEERING - CONSTRUCTION MANAGEMENT - BUILDING DEPARTMENT SERVICES

ID	Task Name	Duration	Start	Finish
1	Notice to Proceed	1 day	Tue 7/7/20	Tue 7/7/20
2	**Meetings With District**	**133 days**	**Wed 7/8/20**	**Fri 1/8/21**
3	Kickoff Meeting	1 wk	Wed 7/8/20	Tue 7/14/20
4	50% Review Meeting	1 day	Wed 10/21/20	Wed 10/21/20
5	90% Review Meeting	1 day	Thu 12/3/20	Thu 12/3/20
6	Final Review Meeting	1 day	Fri 1/8/21	Fri 1/8/21
7	**Background Research & Field Review**	**65 days**	**Wed 7/8/20**	**Tue 10/6/20**
8	Background Information	6 wks	Wed 7/8/20	Tue 8/18/20
9	Field Review	4 wks	Wed 9/9/20	Tue 10/6/20
10	**Coordinate with Agencies**	**96 days**	**Wed 7/8/20**	**Wed 11/18/20**
11	County/SCWA	4 wks	Thu 10/22/20	Wed 11/18/20
12	Water Board	4 wks	Thu 10/22/20	Wed 11/18/20
13	Utility Companies	4 wks	Wed 7/8/20	Tue 8/4/20
14	**Topographic Survey**	**25 days**	**Wed 7/8/20**	**Tue 8/11/20**
15	Field Survey	5 wks	Wed 7/8/20	Tue 8/11/20
16	**Environmental**	**80 days**	**Thu 7/30/20**	**Wed 11/18/20**
17	CEQA/NEPA	16 wks	Thu 7/30/20	Wed 11/18/20
18	**50% Submittal**	**50 days**	**Wed 8/12/20**	**Tue 10/20/20**
19	Prepare 50% Submittal	8 wks	Wed 8/12/20	Tue 10/6/20
20	District Review - 50% Submittal	2 wks	Wed 10/7/20	Tue 10/20/20
21	**90% Submittal**	**30 days**	**Thu 10/22/20**	**Wed 12/2/20**
22	Prepare 90% Submittal	4 wks	Thu 10/22/20	Wed 11/18/20
23	District Review - 90% Submittal	2 wks	Thu 11/19/20	Wed 12/2/20
24	**Final Submittal**	**30 days**	**Fri 12/4/20**	**Thu 1/14/21**
25	Final Submittal (Screen Check)	3 wks	Fri 12/4/20	Thu 12/24/20
26	District Review	2 wks	Fri 12/25/20	Thu 1/7/21
27	Final Bid Documents	1 wk	Fri 1/8/21	Thu 1/14/21



Sweetwater Springs Water District
2021 CIP
Anticipated Monthly Expenditure

	2020						2021	
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.
Task								
Meetings with District		$ 1,420.00		$ 1,420.00		$ 1,420.00	$ 1,420.00	
Background Information	$ 240.00	$ 1,668.00	$ 2,862.00					
Coordinate with Agencies	$ 1,240.00			$ 3,680.00	$ 4,920.00			
Topographical Survey	$ 21,965.00	$ 14,647.00						
Environmental	$ 120.00	$ 1,258.10	$ 2,756.20	$ 11,024.80	$ 12,401.90			
50% PS&E		$ 3,360.00	$ 15,680.00	$ 3,360.00				
90% PS&E				$ 876.75	$ 16,658.25			
Final PS&E						$ 12,375.00		
Bid Support							TBD	TBD
Direct Costs				$ 592.33	$ 592.33	$ 592.33		
Monthly Expenditure	$ 23,565.00	$ 22,353.10	$ 21,298.20	$ 20,953.88	$ 34,572.48	$ 14,387.33	$ 1,420.00	$ -
Cumulative Expenditure	$ 23,565.00	$ 45,918.10	$ 67,216.30	$ 88,170.18	$ 122,742.67	$ 137,130.00	$ 138,550.00	$ 138,550.00

Sweetwater Springs Water District

Engineer's Estimate - 50% Submittal

2021 Capital Improvement Project

October 2020

Item No.	Item Description	Estimated Quantity	Unit of Measure	Unit Cost	Item Total
1	Mobilization	1	LS	$ 88,800	$ 88,800
2	Traffic Control System	1	LS	$ 35,000	$ 35,000
3	Asphalt Concrete Trench Paving (Permanent)	224	TON	$ 275	$ 61,600
4	Traffic Stripe, Thermoplastic 12" White Limit Line	35	LF	$ 18	$ 630
5	Blue Raised Pavement Marker (Fire Hydrant)	17	EA	$ 100	$ 1,700
6	6" Water Main	3,378	LF	$ 135	$ 456,030
7	8" Water Main	2,120	LF	$ 145	$ 307,400
8	6" Gate Valve	8	EA	$ 1,750	$ 14,000
9	8" Gate Valve	6	EA	$ 2,000	$ 12,000
10	1" Water Service	62	EA	$ 4,000	$ 248,000
11	Temporary Blow Off	9	EA	$ 1,500	$ 13,500
12	Fire Hydrant and Valve Assembly	17	EA	$ 11,000	$ 187,000
13	Remove and Salvage Existing Hydrant	3	EA	$ 3,000	$ 9,000
14	Abandon Water Main and Appurtenances	1	LS	$ 25,000	$ 25,000
15	Water Main Tie In	7	EA	$ 7,500	$ 52,500
16	Leaded Joint Removal	7	EA	$ 1,500	$ 10,500
17	Trench Bracing and Shoring	1	LS	$ 10,000	$ 10,000
18	Water Lowering/Over Structure	5	EA	$ 7,000	$ 35,000
			Subtotal		**$ 1,567,660**
			Contingency (20%)		**$ 313,532**
			Total Construction Cost		**$ 1,881,192**