

CITY OF COOS BAY
JOINT CITY COUNCIL / URA WORK SESSION
Agenda Staff Report

MEETING DATE June 13, 2016	AGENDA ITEM NUMBER
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TO: Mayor Benetti and City Councilors

FROM: Jennifer Wirsing, Wastewater Project Engineer

THROUGH: Rodger Craddock, City Manager *rc*
Jim Hossley, Public Works and Community Development Director *JH*

ISSUE: Discussion of proposed 5-Year Plan for Capital Improvement Projects (CIPs)

SUMMARY:

City Staff has prepared a 5-year plan for wastewater and storm water Capital Improvement Projects (CIPs). In total, there are 33 projects that range from storm and sanitary sewer replacements to pump station upgrades to treatment plant upgrades. Many of these projects have been identified in the City's Master Plans and Smoke Testing Reports. However, there are also a number of these projects that have been identified through video investigations by the City's collection crew. For the next two years, the majority of the project will be funded by the City's two Infrastructure Finance Authority Loans (IFA) and the Department of Environmental Quality (DEQ) State Revolving Fund (SRF) program, the remainder of the projects will be funded by the Wastewater Improvement Fund.

ACTION REQUESTED:

Direct City Staff to proceed forward with the implementation of the 5-Year CIP plan. Prior to awarding either a professional services contract or a construction agreement for an amount that exceeds \$75,000, Staff will present scope and fee and/or bids to council at a regularly scheduled council meeting for approval.

BACKGROUND:

The City's sewer systems have increased flow in the winter due to the Oregon Coast weather conditions (intense storms, high ground water, and tidal influence) and are difficult to repair and replace. Therefore; it is not common practice to perform construction projects in the winter and early spring, unless it is an emergency. In order to maximize the construction season (summer and early fall), Staff must plan these projects utilizing several tools that consists of Master Plans, (for both the storm and sanitary sewer system), the Smoke Testing Report, and video inspections of the City's storm and sanity sewer system. The projects are then prioritized based on the seriousness of the deficiency identified and the size of the system. Other items of consideration are as follows:

- Is the infrastructure located along a major road (arterial or collector)?
- Is the infrastructure located along a road near schools and/or hospitals?

- How will the project be funded?

Staff is asking council to consider approving the 5-Year CIP plan with the understanding that this plan may be modified as other deficiencies are identified or the priorities change. See attached for plan and exhibit.

BUDGET IMPLICATIONS:

The following is a summary of the approved loans that the City has for some of the projects identified on the 5-Year CIP plan:

LOANS	LOAN AMOUNT	GRANT AMOUNT	INTEREST RATE
IFA Loan 1	\$4,303,213	\$500,000	1.94%
IFA Loan 2	\$7,034,025	\$750,000	1.0%
SRF Loan – Point Source (SBR Plant)	\$24,531,820	\$500,000	1.0%
SRF Loan – Non-Point Source (Storm)	\$2,200,000	\$0	1.0%
TOTALS	\$37,437,238	\$1,750,000	

Fund 29, Department 810 Account Number 530-3010 is for Emergency Projects. Funding for a portion of the projects, not funded by the loans identified above, can be obtained from this fund. While the projects for 2017 have been accounted for in approved budget (FYE 2017 and 2018), it is recommended that staff coordinate with the Financial Consultant (Donovan Enterprises) to see what impacts the future projects may have on wastewater user rates. Additionally, the Financial Consultant should also advise the City if these future projects should be paid from user rates or if additional loans should be pursued or a combination of both.

Attachments

- 5-Year Plan for Capital Improvement Project
- 5-Year CIP Project Location Map

5- Year Plan for Capital Improvement Projects

Project Number	Project Description	Funding Source	Budget	Anticipated Completion
2	Plant 2 WAS Line - Construction	IFA/SRF	see plant 2	2017
4	PS 1	IFA	\$ 2,271,250.00	2017
9	4th, 5th and 6th Ave	IFA	\$ 274,925.00	2017
11	Basin FF Interceptor	IFA		2017
12	Pipe Replacement W of Plant 1	IFA	\$ 164,720.00	2017
16	4th Street/Highland	WW	\$ 152,835.00	2017
18	2nd Street	IFA	\$ 121,855.00	2017
35	5th & Highland	WW	\$ -	2017
Wastewater Project Total 2017			\$ 2,985,585.00	This does not include unknown Budget amounts
23	6th Avenue Bridge (Storm)	SRF	\$ 880,000.00	2017
31	Birch & Front (Storm)	IFA	\$ 258,615.00	2017
36	Butler Road (Storm)	Unknown	\$ -	2017
37	Golden Ave between 4th & 7th (Storm)	STP	\$ -	2017
Storm Project Total 2017			\$ 1,138,615.00	This does not include unknown Budget amounts
Total Projects(Wastewater & Storm) 2017			\$ 4,124,200.00	This does not include unknown Budget amounts
1	Plant 2 - Construction	IFA/SRF	\$ 24,531,820.00	2018
3a	Plant 1 - Facility Plant Amendment	IFA	\$ 257,315.00	2018
5	PS 8	IFA	\$ 1,007,000.00	2018
17	Mingus Park (13 II)	IFA	\$ 245,102.74	2018
29	S. of Hemlock	Unknown	\$ 424,000.00	2018
30	Southwest Blvd/Englewood Sanitary	Unknown	\$ -	2018
34	N 8th between Koos Bay & Hemlock	Unknown	\$ -	2018
Wastewater Project Total 2018			\$ 26,465,237.74	This does not include unknown Budget amounts
32	11th & Elrod (Storm)	Unknown	\$ -	2018
33	Division Ave (Storm)	Unknown	\$ -	2018
Storm Project Total 2018			\$ -	This does not include unknown Budget amounts
Total Projects(Wastewater & Storm) 2018			\$ 26,465,237.74	This does not include unknown Budget amounts
6	PS 16	Unknown	\$ 1,011,240.00	2019
8	Isthmus Slough Force Main/PS 17	Unknown	\$ 3,370,800.00	2019
25	Koos Bay Blvd	Unknown	\$ 78,652.00	2019
27	Morrison Interceptor	Unknown	\$ 747,194.00	2019
Wastewater Project Total 2019			\$ 5,207,886.00	This does not include unknown Budget amounts
Total Projects(Wastewater & Storm) 2019			\$ 5,207,886.00	This does not include unknown Budget amounts
3b	Plant 1 - VA and PreDesign	Unknown	\$ 833,711.20	2020
7	PS 2	Unknown	\$ 1,786,524.00	2020
24	Fish Cleaning Station	Unknown	\$ -	2020
Wastewater Project Total 2020			\$ 2,620,235.20	This does not include unknown Budget amounts
22	N 8th/N 7th (Storm)	Unknown	\$ -	2020
Storm Project Total 2020			\$ -	This does not include unknown Budget amounts
Total Projects(Wastewater & Storm) 2020			\$ 2,620,235.20	This does not include unknown Budget amounts
3c	Plant 1 - VE and Final Design	Unknown	\$ 1,767,467.74	2021
26	High School	Unknown	\$ 82,061.00	2021
28	Basin R	Unknown	\$ 145,184.85	2021
Wastewater Project Total 2021			\$ 1,994,713.60	This does not include unknown Budget amounts
Total Projects(Wastewater & Storm) 2021			\$ 1,994,713.60	This does not include unknown Budget amounts
3d	Plant 1 - Construction (1st Phase)	Unknown	\$ -	2023



CITY OF COOS BAY SANITARY/STORM SEWER 5-YEAR CIP (2017 - 2021) PROJECT LOCATION MAP

Map Legend

- Sanitary Sewer Projects
- Storm Sewer Projects
- # Projects in Progress
- # Proposed Projects

Project ID	Project Description	Anticipated Completion
1	Plant 2	2018
2	Plant 2 WAS Line	2017
3A	Plant 1 - Facility Plan Amendment	2018
3B	Plant 1 - Value Analysis & Pre-design	2020
3C	Plant 1 - Value Engineering & Final Design	2021
3D	Plant 1 - 1st Phase of Construction	2023
4	PS 1	2017
5	PS 8	2018
6	PS 16	2019
7	PS 2	2020
8	Isthmus Slough Force-main & PS17 Upgrade	2019
9	4th, 5th and 6th Ave	2017
11	Basin FF Interceptor	2017
12	Pipe Replacement W of Plant 1	2017
16	4th Street/Highland	2017
17	Mingus Park	2018
18	2nd Street	2017
22	N. 8th /N. 7th (Storm)	2020
23	6th Ave Bridge (Storm)	2017
24	Fish Cleaning Station	2020
25	Koos Bay Blvd	2019
26	High School	2021
27	Morrison Interceptor	2019
28	Basin R	2021
29	S. of Hemlock	2018
30	Southwest Blvd/Englewood Sanitary	2018
31	Birch & Front (Storm)	2017
32	11th & Elrod (Storm)	2018
33	Division Ave (Storm)	2018
34	N. 8th Between Koos Bay Blvd & Hemlock	2018
35	5th & Highland	2017
36	Butler Road (Storm)	2017
37	Golden Ave 4th to 7th (Storm)	2017

CREATED: JUNE 2017
REVISED:

Document Path: G:\DCS\GIS\MISC PROJECTS\5 YEAR CIP MAP.mxd

