

MEMORANDUM

2020 – 2030 ROAD PROGRAM

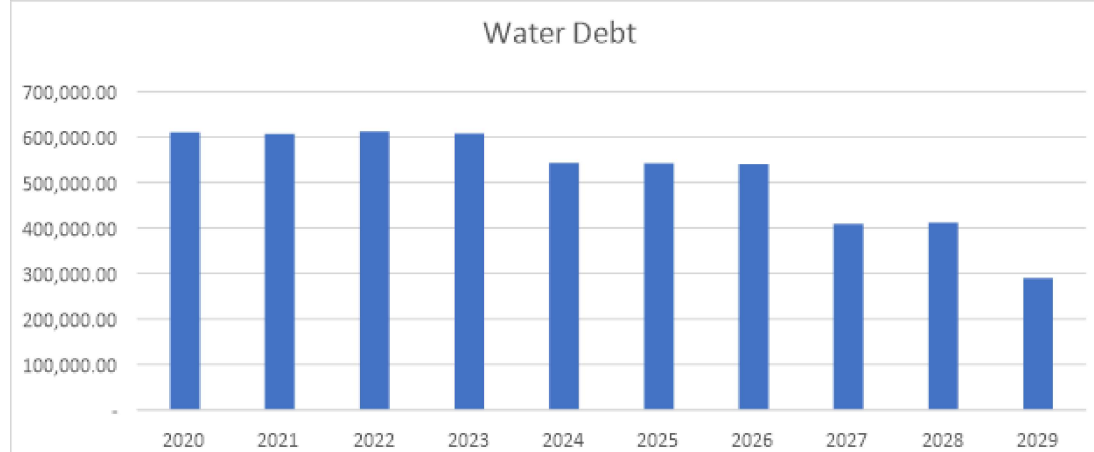
The Public Works Advisory Board and the City Council met in a joint work session in July to go over information on the city's street program. The information provided included regular maintenance (crack filling and seal coating) to major rehabilitation (reconstruction). The main conclusion of the meeting was to develop a plan that is reasonable and try and stick to the plan. The plan will require the issuance of bonding so the plan should take into consideration how existing debt is structured to take advantage of maturing bonds.

Current Bond Status

The information below outlines the current status of outstanding bonds that are supported by utility rates and associated with street improvement projects. Laying this information out should help in planning street improvement projects.

Water

Bond Issue	Current Principal	Annual Payment	Final Payment
2012A Water	\$405,000	\$66,000	2026
2002B PFA Water	\$164,000	\$44,293	2023
2004 PFA Water	\$92,044	\$24,667	2023
2016A Water	\$2,570,500	\$292,706	2029
2017A Water	\$987,350	\$120,385	2028
2015A Water (Paid by GF)	\$420,000	\$37,000	2031
2010A Water	\$378,300	\$57,543	2026
Total	\$5,017,194	\$642,594	

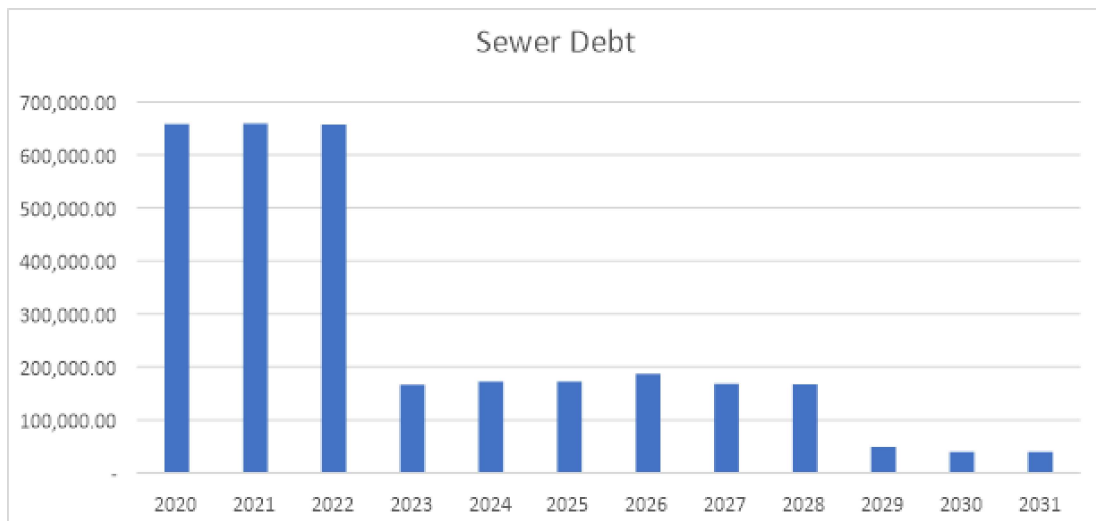


The graph on the previous page does not include the 2015A Bond Payments.

Sewer

Bond Issue	Current Principal	Annual Payment	Final Payment
2003 PFA Sewer	\$1,446,998	\$492,006	2022

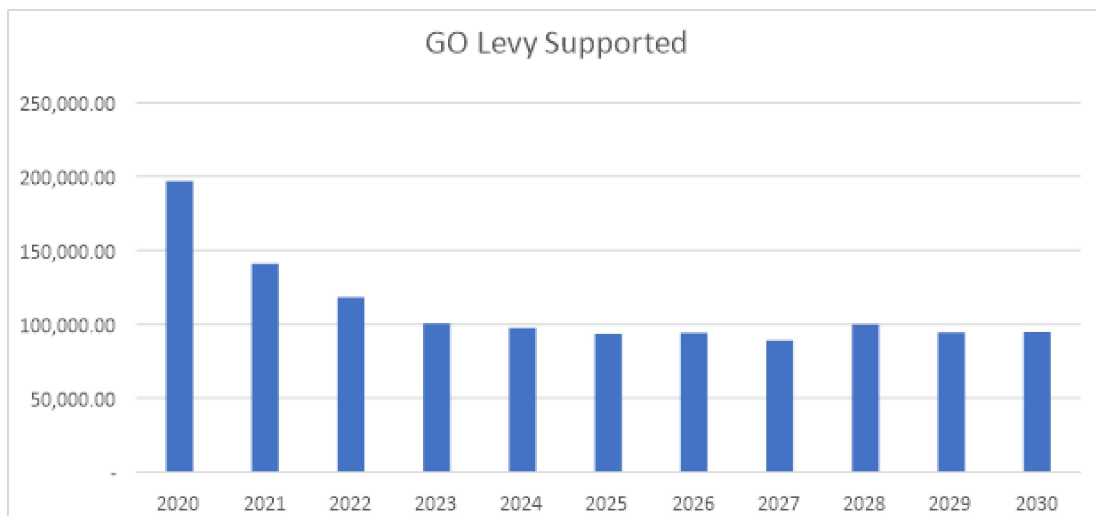
2016A Sewer	\$79,500	\$9,053	2029
2017A Sewer	\$1,027,650	\$125,299	2028
2015A Sewer	\$415,000	\$40,511	2031
2010A Sewer	\$11,700	\$1,924	2026
Total	\$2,980,848	\$668,793	

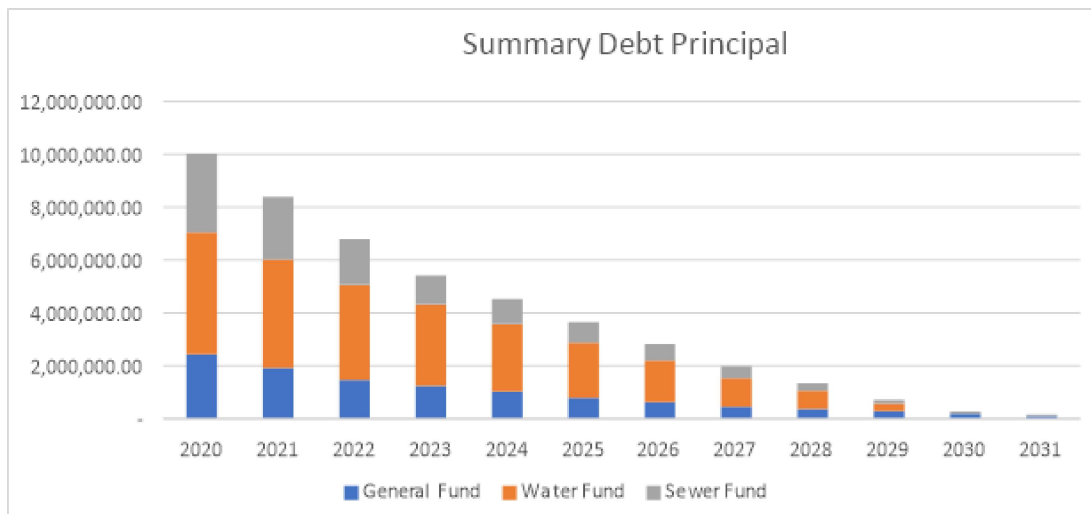


General Fund Supported

Bond Issue/Type	Principal Balance	Average Annual Levy	Date of last levy
2011A GO Improvement	\$75,000	\$0.00	2019
2011B GO Improvement – Special Assessment	\$60,000	\$28,233	2020
2012A Refunding Bond	\$1,320,000	\$50,000	2023
2015A GO Improvement – Special Assessment	\$980,000	\$53,792	2030
2015A Water Portion	\$420,000	Included	2030
Total	\$2,435,000	\$132,025	

The first chart on the following page shows the general fund principal amounts. The second chart shows the combined principal amounts from 2020 through 2031.





As can be seen, the water fund has the most debt.

Impact of New Bonds

I have not yet worked out the impact on the cost of bonds. Once a general idea as to the order in which the streets would be proposed to be completed, I will be able to work with the municipal advisor on structuring a debt plan.

Street Improvement Fund Status

The Street Improvement Fund currently has a total of approximately \$651,000. There is a planned transfer of \$100,000 for 2019. The close out of the 5th Street project fund that had \$186,256 was closed to the street fund at the end of 2018. With the transfer at the end of 2019, the estimated balance in the fund is \$751,000. The transfer amount for 2020 is undecided at this point as the budget is still under development. In past years the amount has ranged from \$150,000 to \$250,000. Based on current estimates, the transfer could be in the \$100,000 to \$150,000 range.

General Maintenance

The following table lays out the streets in the basic maintenance category. This would be crack filling and seal coating.

Area	Est. Sq. Ft	Last Maintenance	Estimated cost	Proposed Year
2017 Project area	110,664	Reclamation 2017	\$82,998	
Around Middle School	1,516	Unknown	\$40,825	
North Ridge	141,192	2012	\$105,894	
Country & Stone Ridge	390,702	2013	\$293,026	
Pheasant Run	151,020	2012	\$113,265	
2015 Project area	111,848	2018	\$83,886	
Welco East	93,184	Unknown	\$69,888	
Fischer Estates	143,592	2018	\$107,694	
Boulevard	94,239	2013	\$70,679	
Total			\$968,155	

Mill and Overlay

Area	Est. Sq. Ft	Last Maintenance	Est. Cost	Proposed Year
Welco West	111,010	2011 Seal coat	\$348,571	2020

1 st Street & Milwaukee	202,403	2018 1 st Street N of Oak	\$635,546	
Countryside	14,245	Unknown	\$44,729	
Rogers Dr & 4 th NE	125,087	Unknown	\$392,773	W/ Circle Dr.
Total			\$1,421,619	

Full Reconstruction

Area	Est. Sq. Ft.	Total Est. Cost	Proposed Year
Circle Drive	236,692	\$4,445,455	
NE Area W/mill	286,365	\$3,492,416	
NW Area	143,040	\$2,761,340	
Central – East of RR	224,391	\$4,335,255	
Central – West 1	134,071	\$2,402,116	
Central – West 2	238,850	\$4,239,904	
Total		\$21,676,486	