

Integrated Road Funding Plan
Sales Tax and Real Estate Transfer Tax

	Road Repair & Maintenance (1)	Storm Drain Repair (2)	Funds Required	Sales Tax Extension	RETT (3)	Bond Funding (4)	Bond Payment	Bond Interest	Bond Balance	RETT + Sales Tax	Bond Coverage Ratio (5)	Excess (6)	Reserve Fund	Interest Coverage (7)
	2.50%			0.50%		1,000,000								
				2.50%	0.80%	reserve	2.50%	5.00%					1.00%	
2017	0	2,250,000	2,250,000		3,406,796		0	0	0			1,156,796	1,156,796	
2018	0	2,250,000	2,250,000		3,114,504		0	0	0			864,504	2,032,867	
2019	7,850,000	2,250,000	10,100,000		3,813,213	7,286,787	0	0	7,286,787			1,000,000	3,053,196	
2020	7,950,000	2,250,000	10,200,000		4,759,409	6,440,591	0	364,339	14,091,717			1,000,000	4,083,728	11.2
2021	7,950,000	2,250,000	10,200,000		5,230,392	5,969,608	0	704,586	20,765,911			1,000,000	5,124,565	7.3
2022	8,100,000	2,250,000	10,350,000		4,190,798	7,159,202	0	1,038,296	28,963,409			1,000,000	6,175,811	5.9
2023	2,500,000		2,500,000	1,000,000	3,674,685		1,971,052	1,448,170	28,440,528	4,674,685	2.37	203,633	6,441,203	4.4
2024	2,562,500		2,562,500	1,025,000	3,224,981		2,020,328	1,422,026	27,842,226	4,249,981	2.10	-332,847	6,172,768	4.3
2025	2,626,563		2,626,563	1,050,625	2,547,643		2,070,836	1,392,111	27,163,501	3,598,268	1.74	-1,099,131	5,135,364	3.7
2026	2,692,227		2,692,227	1,076,891	2,641,254		2,122,607	1,358,175	26,399,069	3,718,144	1.75	-1,096,689	4,090,029	3.0
2027	2,759,532		2,759,532	1,103,813	2,881,648		2,175,672	1,319,953	25,543,350	3,985,461	1.83	-949,744	3,181,185	2.4
2028	2,828,521		2,828,521	1,131,408	2,702,609		2,230,064	1,277,168	24,590,454	3,834,017	1.72	-1,224,567	1,988,430	1.6
2029	2,899,234		2,899,234	1,159,693	4,345,478		2,285,816	1,229,523	23,534,161	5,505,171	2.41	320,122	2,328,436	1.9
2030	2,971,714		2,971,714	1,188,686	5,066,474		2,342,961	1,176,708	22,367,908	6,255,159	2.67	940,484	3,292,204	2.8
2031	3,046,007		3,046,007	1,218,403	6,827,812		2,401,535	1,118,395	21,084,768	8,046,215	3.35	2,598,673	5,923,799	5.3
2032	3,122,157		3,122,157	1,248,863	4,934,056		2,461,573	1,054,238	19,677,433	6,182,919	2.51	599,188	6,582,226	6.2
2033	3,200,211		3,200,211	1,280,085	4,510,730		2,523,113	983,872	18,138,192	5,790,814	2.30	67,490	6,715,538	6.8
2034	3,280,217		3,280,217	1,312,087	5,522,669		2,586,191	906,910	16,458,911	6,834,756	2.64	968,349	7,751,042	8.5
2035	3,362,222		3,362,222	1,344,889	6,893,043		2,650,845	822,946	14,631,011	8,237,932	3.11	2,224,865	10,053,418	12.2
2036	3,446,278		3,446,278	1,378,511	7,575,167		2,717,117	731,551	12,645,445	8,953,678	3.30	2,790,284	12,944,235	17.7
2037	3,532,435		3,532,435	1,412,974	6,069,525		2,785,044	632,272	10,492,673	7,482,499	2.69	1,165,020	14,238,698	22.5
2038	3,620,745		3,620,745	1,448,298	5,322,040		2,854,671	524,634	8,162,636	6,770,338	2.37	294,922	14,676,007	28.0
2039	3,711,264		3,711,264	1,484,506	4,670,734		2,926,037	408,132	5,644,731	6,155,240	2.10	-482,061	14,340,705	35.1
2040	3,804,046		3,804,046	1,521,618	3,689,746		2,999,188	282,237	2,927,779	5,211,364	1.74	-1,591,869	12,892,243	45.7
2041	3,899,147		3,899,147	1,559,659	3,586,240		3,074,168	146,389	0	5,145,899	1.67	-1,827,416	11,193,750	76.5

- (1) Road Repair costs estimated by the CIOC and the StreetSaver software program; in excess of already secured funding. Maintenance costs starting in 2023 include road and storm drain maintenance.
- (2) Sewer repair costs from the Orinda Storm Drain Master Plan (January 2015)
- (3) Real Estate Transfer Tax receipts assuming 2.5 percent inflation and including variability based on 15 years of historic records.
- (4) Bond funding of repair costs less available funds, repaid over 20 years with 5 percent interest assuming repayments increase at 2.5 percent annually matching inflation.
- (5) A coverage ratio is a measure of how much tax receipts could decrease and still be sufficient to make bond payments. Even modeling fluctuations based on historic records including the worst recession since the great depression, a coverage ratio of almost 50 percent in excess of the amount required is achieved.
- (6) Excess to establish a reserve fund.
- (7) Years of bond interest in reserve fund.