

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%			0.00%	0.95%	1,000,000 reserve	2.50%	5.00%						1.00%
2017	0	2,250,000	2,250,000		4,045,570		0	0	0			1,795,570	1,795,570	
2018	0	2,250,000	2,250,000		3,698,473		0	0	0			1,448,473	3,261,999	
2019	7,850,000	2,250,000	10,100,000		4,528,191	6,571,809	0	0	6,571,809			1,000,000	4,294,619	
2020	7,950,000	2,250,000	10,200,000		5,651,798	5,548,202	0	328,590	12,448,602			1,000,000	5,337,565	16.2
2021	7,950,000	2,250,000	10,200,000		6,211,090	4,988,910	0	622,430	18,059,942			1,000,000	6,390,941	10.3
2022	8,100,000	2,250,000	10,350,000		4,976,573	6,373,427	0	902,997	25,336,366			1,000,000	7,454,850	8.3
2023	2,500,000		2,500,000	0	4,363,689		1,724,220	1,266,818	24,878,964	4,363,689	2.53	139,469	7,668,867	6.1
2024	2,562,500		2,562,500	0	3,829,665		1,767,325	1,243,948	24,355,587	3,829,665	2.17	-500,160	7,245,396	5.8
2025	2,626,563		2,626,563	0	3,025,326		1,811,509	1,217,779	23,761,858	3,025,326	1.67	-1,412,745	5,905,104	4.8
2026	2,692,227		2,692,227	0	3,136,489		1,856,796	1,188,093	23,093,155	3,136,489	1.69	-1,412,534	4,551,621	3.8
2027	2,759,532		2,759,532	0	3,421,957		1,903,216	1,154,658	22,344,596	3,421,957	1.80	-1,240,792	3,356,346	2.9
2028	2,828,521		2,828,521	0	3,209,348		1,950,797	1,117,230	21,511,029	3,209,348	1.65	-1,569,969	1,819,940	1.6
2029	2,899,234		2,899,234	0	5,160,255		1,999,567	1,075,551	20,587,014	5,160,255	2.58	261,455	2,099,594	2.0
2030	2,971,714		2,971,714	0	6,016,437		2,049,556	1,029,351	19,566,809	6,016,437	2.94	995,167	3,115,758	3.0
2031	3,046,007		3,046,007	0	8,108,027		2,100,795	978,340	18,444,355	8,108,027	3.86	2,961,226	6,108,141	6.2
2032	3,122,157		3,122,157	0	5,859,192		2,153,314	922,218	17,213,259	5,859,192	2.72	583,720	6,752,942	7.3
2033	3,200,211		3,200,211	0	5,356,492		2,207,147	860,663	15,866,774	5,356,492	2.43	-50,867	6,769,605	7.9
2034	3,280,217		3,280,217	0	6,558,170		2,262,326	793,339	14,397,787	6,558,170	2.90	1,015,627	7,852,928	9.9
2035	3,362,222		3,362,222	0	8,185,489		2,318,884	719,889	12,798,792	8,185,489	3.53	2,504,383	10,435,840	14.5
2036	3,446,278		3,446,278	0	8,995,510		2,376,856	639,940	11,061,876	8,995,510	3.78	3,172,377	13,712,575	21.4
2037	3,532,435		3,532,435	0	7,207,561		2,436,278	553,094	9,178,692	7,207,561	2.96	1,238,849	15,088,550	27.3
2038	3,620,745		3,620,745	0	6,319,922		2,497,185	458,935	7,140,442	6,319,922	2.53	201,992	15,441,428	33.6
2039	3,711,264		3,711,264	0	5,546,497		2,559,614	357,022	4,937,850	5,546,497	2.17	-724,381	14,871,461	41.7
2040	3,804,046		3,804,046	0	4,381,574		2,623,605	246,892	2,561,138	4,381,574	1.67	-2,046,077	12,974,099	52.5
2041	3,899,147		3,899,147	0	3,586,240		2,689,195	128,057	0	3,586,240	1.33	-3,002,101	10,101,739	78.9

- (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.