

**Integrated Road Funding Plan
Parcel Tax Only**

	Road Repair & Maintenance (1)	Storm Drain Repair (2)	Funds Required	Sales Tax Extension	Parcel Tax	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%	2.50%	1,000,000 reserve	2.50%	5.00%						1.00%
2017	0	2,250,000	2,250,000		4,000,000		0	0	0			1,750,000	1,750,000	
2018	0	2,250,000	2,250,000		4,100,000		0	0	0			1,850,000	3,617,500	
2019	7,850,000	2,250,000	10,100,000		4,202,500	6,897,500	0	0	6,897,500			1,000,000	4,653,675	
2020	7,950,000	2,250,000	10,200,000		4,307,563	6,892,438	0	344,875	14,134,813			1,000,000	5,700,212	16.5
2021	7,950,000	2,250,000	10,200,000		4,415,252	6,784,748	0	706,741	21,626,302			1,000,000	6,757,214	9.6
2022	8,100,000	2,250,000	10,350,000		4,525,633	6,824,367	0	1,081,315	29,531,984			1,000,000	7,824,786	7.2
2023	2,500,000		2,500,000	0	4,638,774		2,009,745	1,476,599	28,998,838	4,638,774	2.31	129,029	8,032,063	5.4
2024	2,562,500		2,562,500	0	4,754,743		2,059,989	1,449,942	28,388,791	4,754,743	2.31	132,254	8,244,638	5.7
2025	2,626,563		2,626,563	0	4,873,612		2,111,488	1,419,440	27,696,742	4,873,612	2.31	135,561	8,462,645	6.0
2026	2,692,227		2,692,227	0	4,995,452		2,164,276	1,384,837	26,917,304	4,995,452	2.31	138,950	8,686,221	6.3
2027	2,759,532		2,759,532	0	5,120,338		2,218,382	1,345,865	26,044,787	5,120,338	2.31	142,424	8,915,507	6.6
2028	2,828,521		2,828,521	0	5,248,347		2,273,842	1,302,239	25,073,184	5,248,347	2.31	145,984	9,150,646	7.0
2029	2,899,234		2,899,234	0	5,379,555		2,330,688	1,253,659	23,996,155	5,379,555	2.31	149,634	9,391,786	7.5
2030	2,971,714		2,971,714	0	5,514,044		2,388,955	1,199,808	22,807,008	5,514,044	2.31	153,375	9,639,078	8.0
2031	3,046,007		3,046,007	0	5,651,895		2,448,679	1,140,350	21,498,679	5,651,895	2.31	157,209	9,892,678	8.7
2032	3,122,157		3,122,157	0	5,793,193		2,509,896	1,074,934	20,063,717	5,793,193	2.31	161,139	10,152,744	9.4
2033	3,200,211		3,200,211	0	5,938,022		2,572,644	1,003,186	18,494,259	5,938,022	2.31	165,168	10,419,439	10.4
2034	3,280,217		3,280,217	0	6,086,473		2,636,960	924,713	16,782,013	6,086,473	2.31	169,297	10,692,930	11.6
2035	3,362,222		3,362,222	0	6,238,635		2,702,884	839,101	14,918,230	6,238,635	2.31	173,529	10,973,389	13.1
2036	3,446,278		3,446,278	0	6,394,601		2,770,456	745,911	12,893,685	6,394,601	2.31	177,867	11,260,990	15.1
2037	3,532,435		3,532,435	0	6,554,466		2,839,717	644,684	10,698,653	6,554,466	2.31	182,314	11,555,914	17.9
2038	3,620,745		3,620,745	0	6,718,327		2,910,710	534,933	8,322,875	6,718,327	2.31	186,872	11,858,345	22.2
2039	3,711,264		3,711,264	0	6,886,286		2,983,478	416,144	5,755,541	6,886,286	2.31	191,544	12,168,472	29.2
2040	3,804,046		3,804,046	0	7,058,443		3,058,065	287,777	2,985,254	7,058,443	2.31	196,332	12,486,490	43.4
2041	3,899,147		3,899,147	0	7,234,904		3,134,516	149,263	0	7,234,904	2.31	201,241	12,812,595	85.8

- (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) Parcel Tax receipts assuming 2.5 percent inflation
- (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.