

Integrated Road Funding Plan
Parcel plus Sales Tax Extension

	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%			0.50%		1,000,000								
				2.50%	2.50%	reserve	2.50%	5.00%					1.00%	
2017	0	2,250,000	2,250,000		3,300,000		0	0	0			1,050,000	1,050,000	
2018	0	2,250,000	2,250,000		3,382,500		0	0	0			1,132,500	2,193,000	
2019	7,850,000	2,250,000	10,100,000		3,467,063	7,632,938	0	0	7,632,938			1,000,000	3,214,930	
2020	7,950,000	2,250,000	10,200,000		3,553,739	7,646,261	0	381,647	15,660,845			1,000,000	4,247,079	11.1
2021	7,950,000	2,250,000	10,200,000		3,642,583	7,557,417	0	783,042	24,001,305			1,000,000	5,289,550	6.8
2022	8,100,000	2,250,000	10,350,000		3,733,647	7,616,353	0	1,200,065	32,817,723			1,000,000	6,342,446	5.3
2023	2,500,000		2,500,000	1,000,000	3,826,988		2,233,350	1,640,886	32,225,259	4,826,988	2.16	93,638	6,499,508	4.0
2024	2,562,500		2,562,500	1,025,000	3,922,663		2,289,184	1,611,263	31,547,339	4,947,663	2.16	95,979	6,660,483	4.1
2025	2,626,563		2,626,563	1,050,625	4,020,730		2,346,413	1,577,367	30,778,292	5,071,355	2.16	98,379	6,825,466	4.3
2026	2,692,227		2,692,227	1,076,891	4,121,248		2,405,074	1,538,915	29,912,133	5,198,138	2.16	100,838	6,994,559	4.5
2027	2,759,532		2,759,532	1,103,813	4,224,279		2,465,200	1,495,607	28,942,539	5,328,092	2.16	103,359	7,167,864	4.8
2028	2,828,521		2,828,521	1,131,408	4,329,886		2,526,831	1,447,127	27,862,836	5,461,294	2.16	105,943	7,345,486	5.1
2029	2,899,234		2,899,234	1,159,693	4,438,133		2,590,001	1,393,142	26,665,976	5,597,827	2.16	108,592	7,527,532	5.4
2030	2,971,714		2,971,714	1,188,686	4,549,086		2,654,751	1,333,299	25,344,524	5,737,772	2.16	111,307	7,714,114	5.8
2031	3,046,007		3,046,007	1,218,403	4,662,814		2,721,120	1,267,226	23,890,630	5,881,217	2.16	114,089	7,905,344	6.2
2032	3,122,157		3,122,157	1,248,863	4,779,384		2,789,148	1,194,532	22,296,013	6,028,247	2.16	116,941	8,101,339	6.8
2033	3,200,211		3,200,211	1,280,085	4,898,869		2,858,877	1,114,801	20,551,937	6,178,953	2.16	119,865	8,302,218	7.4
2034	3,280,217		3,280,217	1,312,087	5,021,340		2,930,349	1,027,597	18,649,185	6,333,427	2.16	122,862	8,508,101	8.3
2035	3,362,222		3,362,222	1,344,889	5,146,874		3,003,607	932,459	16,578,037	6,491,763	2.16	125,933	8,719,116	9.4
2036	3,446,278		3,446,278	1,378,511	5,275,546		3,078,698	828,902	14,328,242	6,654,057	2.16	129,081	8,935,388	10.8
2037	3,532,435		3,532,435	1,412,974	5,407,434		3,155,665	716,412	11,888,989	6,820,408	2.16	132,308	9,157,051	12.8
2038	3,620,745		3,620,745	1,448,298	5,542,620		3,234,557	594,449	9,248,881	6,990,918	2.16	135,616	9,384,237	15.8
2039	3,711,264		3,711,264	1,484,506	5,681,186		3,315,421	462,444	6,395,905	7,165,691	2.16	139,007	9,617,086	20.8
2040	3,804,046		3,804,046	1,521,618	5,823,215		3,398,306	319,795	3,317,394	7,344,834	2.16	142,482	9,855,739	30.8
2041	3,899,147		3,899,147	1,559,659	5,968,796		3,483,264	165,870	0	7,528,454	2.16	146,044	10,100,340	60.9

- (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) 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.