Annualized Total Project Benefits: Concord Downtown Complete Streets Improvement Project

Year	Design and Permitting Costs	Construction Costs	Total Project Costs	7% Discount Rates	Present Worth Project Costs (2011 Dollars)	3% Discount Rates	Present Worth Project Costs (2011 Dollars)	Annual Maintenance Cost Savings	Annual Crash Reduction Savings	Annual Peak-Hour Travel Time Savings	Annual Non-Peak Hour Travel Time Savings	Annual Peak-Hour Fuel Consumption Savings	Annual Non-Peak Hour Fuel Consumption Savings	Annual Peak-HourEmissions Savings	Annual Non-Peak Hour Emissions Savings	Annual Street Tree Benefits	Annual Property Value Benefits	Total Project Benefits (Undiscounted)	7% Discount Rates	Present Worth (2011 Dollars)	3% Discount Rates	Present Worth (2011 Dollars)
2013	$550,000		$550,000	0.934579	$514,018	0.970874	$533,981												0.934579		0.970874	
2014		$2,700,000	$2,700,000	0.873439	$2,358,285	0.942596	$2,545,009												0.873439		0.942596	
2015		$4,000,000	$4,000,000	0.816298	$3,265,192	0.915142	$3,660,568	$11,100	$312,820	$159,940	$285,459	$27,797	$27,797	$964	$964	$8,712		$835,553	0.816298	$682,060	0.915142	$764,650
2016				0.762895		0.888487		$6,100	$315,948	$181,603	$290,840	$31,040	$29,650	$1,077	$1,028	$8,936		$866,221	0.762895	$660,836	0.888487	$769,626
2017				0.712986		0.862609		$1,100	$319,107	$203,265	$296,221	$34,283	$31,503	$1,189	$1,093	$9,161		$896,922	0.712986	$639,493	0.862609	$773,693
2018				0.666342		0.837484		$11,100	$322,298	$224,928	$301,602	$37,526	$33,356	$1,302	$1,157	$9,385		$942,653	0.666342	$628,129	0.837484	$789,457
2019				0.622750		0.813092		$6,100	$325,521	$246,590	$306,983	$40,769	$35,209	$1,414	$1,221	$9,610		$973,418	0.622750	$606,196	0.813092	$791,478
2020				0.582009		0.789409		$1,100	$328,776	$268,253	$312,364	$44,012	$37,063	$1,527	$1,286	$9,834		$1,004,213	0.582009	$584,461	0.789409	$792,735
2021				0.543934		0.766417		$11,100	$332,064	$289,915	$317,745	$47,254	$38,916	$1,640	$1,350	$10,058		$1,050,041	0.543934	$571,153	0.766417	$804,770
2022				0.508349		0.744094		$6,100	$335,385	$311,578	$323,126	$50,497	$40,769	$1,752	$1,414	$10,283		$1,080,904	0.508349	$549,476	0.744094	$804,294
2023				0.475093		0.722421		$1,001,100	$338,739	$333,240	$328,507	$53,740	$42,622	$1,865	$1,478	$10,507		$2,111,798	0.475093	$1,003,301	0.722421	$1,525,607
2024				0.444012		0.701380		($38,900)	$342,126	$354,903	$333,888	$56,983	$44,475	$1,977	$1,543	$10,732		$1,107,727	0.444012	$491,844	0.701380	$776,937
2025				0.414964		0.680951		$6,100	$345,547	$376,565	$339,269	$60,226	$46,328	$2,090	$1,607	$10,956		$1,188,688	0.414964	$493,263	0.680951	$809,438
2026				0.387817		0.661118		$1,100	$349,003	$398,228	$344,650	$63,469	$48,181	$2,203	$1,671	$11,180	$2,574,586	$3,794,270	0.387817	$1,471,483	0.661118	$2,508,460
2027				0.362446		0.641862		$11,100	$352,493	$419,890	$350,031	$66,712	$50,034	$2,315	$1,736	$11,405		$1,265,716	0.362446	$458,754	0.641862	$812,415
2028				0.338735		0.623167		$6,100	$356,018	$441,553	$355,412	$69,955	$51,887	$2,428	$1,800	$11,629	$2,631,067	$3,927,848	0.338735	$1,330,500	0.623167	$2,447,705
2029				0.316574		0.605016		($598,900)	$359,578	$463,215	$360,793	$73,198	$53,740	$2,540	$1,864	$11,854		$727,882	0.316574	$230,429	0.605016	$440,380
2030				0.295864		0.587395		$11,100	$363,174	$484,878	$366,174	$76,441	$55,594	$2,653	$1,929	$12,078	$2,688,787	$4,062,806	0.295864	$1,202,038	0.587395	$2,386,472
2031				0.276508		0.570286		$6,100	$366,805	$506,540	$371,555	$79,683	$57,447	$2,765	$1,993	$12,302		$1,405,190	0.276508	$388,546	0.570286	$801,360
2032				0.258419		0.553676		$1,100	$370,474	$528,203	$376,936	$82,926	$59,300	$2,878	$2,057	$12,527	$2,747,774	$4,184,174	0.258419	$1,081,270	0.553676	$2,316,677
2033				0.241513		0.537549		$11,100	$374,178	$549,865	$382,317	$86,169	$61,153	$2,990	$2,121	$12,751		$1,482,644	0.241513	$358,078	0.537549	$796,994
2034				0.225713		0.521863		($43,900)	$377,920	$571,528	$387,698	$89,412	$63,006	$3,103	$2,186	$12,976	$533,024	$1,996,952	0.225713	$450,738	0.521863	$1,042,135
20-Year Project Lifetime					$6,137,496		$6,739,558													**$13,882,046**		**$22,955,284**