

Calender Year	Project Year	Value of Safety Savings (3% Inflation)	Discounted Value of Safety Savings (7%)	Travel Time Savings (3% Inflation)	Discounted Travel Time Savings (7%)	Residual Value	Discounted Residual Value	Tax Revenue (3% Inflation)	Discounted Tax Revenue (7%)	Construction Costs	Discounted Construction Costs (7%)
2022	0										\$ -
2023	1									\$ 1,774,953.00	\$ 1,658,834.58
2024	2									\$ 4,985,049.95	\$ 4,354,135.69
2025	3	\$ 718,815.66	\$ 671,790.34	\$ 278,857.85	\$ 260,614.82			\$ 5,000.00	\$ 4,672.90	\$ 10,658,252.38	\$ 8,700,308.79
2026	4	\$ 740,380.13	\$ 646,676.68	\$ 287,223.59	\$ 250,872.21			\$ 10,000.00	\$ 8,734.39	\$ 3,015,748.43	\$ 2,300,700.03
2027	5	\$ 762,591.54	\$ 622,501.85	\$ 295,840.30	\$ 241,493.81			\$ 15,000.00	\$ 12,244.47	\$ 30,000.00	\$ 21,389.59
2028	6	\$ 785,469.28	\$ 599,230.75	\$ 304,715.51	\$ 232,466.00			\$ 24,064.04	\$ 18,358.34	\$ 35,821.57	\$ 23,869.42
2029	7	\$ 809,033.36	\$ 576,829.60	\$ 313,856.97	\$ 223,775.68			\$ 34,668.17	\$ 24,717.92	\$ 36,896.22	\$ 22,977.11
2030	8	\$ 833,304.36	\$ 555,265.88	\$ 323,272.68	\$ 215,410.24			\$ 47,578.02	\$ 31,703.24	\$ 38,003.10	\$ 22,118.15
2031	9	\$ 858,303.49	\$ 534,508.28	\$ 332,970.86	\$ 207,357.52			\$ 63,835.09	\$ 39,753.28	\$ 39,143.20	\$ 21,291.30
2032	10	\$ 884,052.60	\$ 514,526.66	\$ 342,959.99	\$ 199,605.83			\$ 74,002.36	\$ 43,070.05	\$ 268,783.28	\$ 136,635.79
2033	11	\$ 910,574.17	\$ 495,292.02	\$ 353,248.79	\$ 192,143.93			\$ 76,222.43	\$ 41,459.95	\$ 41,527.02	\$ 19,729.19
2034	12	\$ 937,891.40	\$ 476,776.43	\$ 363,846.25	\$ 184,960.98			\$ 78,509.11	\$ 39,910.05	\$ 42,772.83	\$ 18,991.65
2035	13	\$ 966,028.14	\$ 458,953.01	\$ 374,761.64	\$ 178,046.55			\$ 80,864.38	\$ 38,418.08	\$ 44,056.01	\$ 18,281.68
2036	14	\$ 995,008.99	\$ 441,795.89	\$ 386,004.49	\$ 171,390.61			\$ 83,290.31	\$ 36,981.89	\$ 45,377.69	\$ 17,598.25
2037	15	\$ 1,024,859.26	\$ 425,280.15	\$ 397,584.62	\$ 164,983.48			\$ 85,789.02	\$ 35,599.39	\$ 46,739.02	\$ 16,940.37
2038	16	\$ 1,055,605.03	\$ 409,381.83	\$ 409,512.16	\$ 158,815.88			\$ 88,362.69	\$ 34,268.57	\$ 48,141.19	\$ 16,307.09
2039	17	\$ 1,087,273.18	\$ 394,077.84	\$ 421,797.52	\$ 152,878.83			\$ 91,013.57	\$ 32,987.51	\$ 49,585.43	\$ 15,697.48
2040	18	\$ 1,119,891.38	\$ 379,345.96	\$ 434,451.45	\$ 147,163.74			\$ 93,743.98	\$ 31,754.33	\$ 51,072.99	\$ 15,110.66
2041	19	\$ 1,153,488.12	\$ 365,164.80	\$ 447,484.99	\$ 141,662.29			\$ 96,556.30	\$ 30,567.25	\$ 52,605.18	\$ 14,545.77
2042	20	\$ 1,188,092.76	\$ 351,513.78	\$ 460,909.54	\$ 136,366.50			\$ 99,452.99	\$ 29,424.55	\$ 361,222.25	\$ 93,346.69
2043	21	\$ 1,223,735.55	\$ 338,373.08	\$ 474,736.83	\$ 131,268.69			\$ 102,436.58	\$ 28,324.57	\$ 55,808.84	\$ 13,478.56
2044	22	\$ 1,260,447.61	\$ 325,723.62	\$ 488,978.93	\$ 126,361.45			\$ 105,509.67	\$ 27,265.70	\$ 57,483.10	\$ 12,974.69
2045	23	\$ 1,298,261.04	\$ 313,547.03	\$ 503,648.30	\$ 121,637.66			\$ 108,674.96	\$ 26,246.43	\$ 59,207.60	\$ 12,489.66
2046	24	\$ 1,337,208.87	\$ 301,825.65	\$ 518,757.75	\$ 117,090.45			\$ 111,935.21	\$ 25,265.25	\$ 60,983.82	\$ 12,022.75
2047	25	\$ 1,377,325.14	\$ 290,542.45	\$ 534,320.48	\$ 112,713.24			\$ 115,293.27	\$ 24,320.76	\$ 62,813.34	\$ 11,573.31
2048	26	\$ 1,418,644.89	\$ 279,681.05	\$ 550,350.10	\$ 108,499.66			\$ 118,752.07	\$ 23,411.57	\$ 64,697.74	\$ 11,140.66
2049	27	\$ 1,461,204.24	\$ 269,225.68	\$ 566,860.60	\$ 104,443.60			\$ 122,314.63	\$ 22,536.37	\$ 66,638.67	\$ 10,724.19
2050	28	\$ 1,505,040.37	\$ 259,161.17	\$ 583,866.42	\$ 100,539.17			\$ 125,984.07	\$ 21,693.89	\$ 68,637.83	\$ 10,323.28
2051	29	\$ 1,550,191.58	\$ 249,472.90	\$ 601,382.41	\$ 96,780.69			\$ 129,763.59	\$ 20,882.90	\$ 70,696.97	\$ 9,937.36
2052	30	\$ 1,596,697.33	\$ 240,146.81	\$ 619,423.89	\$ 93,162.72	\$ 5,108,501.00	\$ 768,329.85	\$ 133,656.50	\$ 20,102.23	\$ 72,817.87	\$ 9,565.87
		\$ 30,859,419.48	\$ 11,786,611.17	\$ 11,971,624.92	\$ 4,572,506.24	\$ 5,108,501.00	\$ 768,329.85	\$ 2,322,272.98	\$ 774,675.84	\$ 22,305,536.49	\$ 17,623,039.61

Net Cost	Discounted Net Cost	Net Benefit	Discounted Net Benefit
\$ 22,305,536.49	\$ 17,623,039.61	\$ 50,261,818.38	\$ 17,902,123.10

	Non Discounted Totals	7% Discounted Totals
Total Benefits	\$ 50,261,818.38	\$ 17,902,123.10
Total Costs	\$ 22,305,536.49	\$ 17,623,039.61
Benefit-Cost Ratio	2.25	1.02

Value of Cost Savings: Value/Hour (\$2019)	
\$17.90	
Value of Cost Savings: Value of Reduced Injuries (\$2019)	
\$284,100.00	
Value of Cost Savings: Value Property Damage Only (Per Car) (\$2019)	
\$4,500.00	

Trenton Street Corridor					
3.61	Average PDO Accidents/Year				
0.94	Average Injury Accidents Per Year				
7500	Assumed ADT				
Value of Property Damage					
Average Accidents/Year	Monetized Value in 2025				Annualized Value
3.61	\$5,373.24				\$19,397.38
Value of Injuries					
Average Accidents/Year	Monetized Value in 2025				Annualized Value
0.94	\$339,230.26				\$318,876.44
Travel Time Savings When Wet					
Minutes Saved/Day	Number of Vehicles/Day	Occupancy Rate	Value/Hour in 2025	Wet Days/Year	Annualized Value
2.5	1875	1.67	\$21.37	100	\$278,857.85

Downtown					
10.34	Average PDO Accidents/Year				
0.958	Average Injury Accidents Per Year				
Value of Property Damage					
Average Accidents/Year	Monetized Value in 2025				Annualized Value
10.34	\$5,373.24				\$55,559.25
Value of Injuries					
Average Accidents/Year	Monetized Value in 2025				Annualized Value
0.958	\$339,230.26				\$324,982.59

Downtown Tax Revenue (40 New Businesses)		
Year	1 New	10 New
Current \$	\$ 680.00	\$ 6,800.00
2028 \$	\$ 836.31	\$ 8,363.14
2029 \$	\$ 861.40	\$ 8,614.04
2030 \$	\$ 887.25	\$ 8,872.46
2031 \$	\$ 913.86	\$ 9,138.63

Residual Value	
Service Life	40
Analysis Period	30
Project Cost	\$ 20,434,004.00
RV	\$ 5,108,501.00