

# Appendix M – Cost-Benefit Analysis



**Environmental Statement**

**East-West Arterial Extension:**

Section 2 (Woodland Drive – Lookout Road)

Section 3 (Lookout Road – Frank Sound Road)

# Appendix M.1 – Cost-Benefit Analysis Results Excellent Fit Including Solar Array

| TAG Discounting (3.5% for 30 years then 3.0%) |                  |                |                       |
|-----------------------------------------------|------------------|----------------|-----------------------|
| Benefits PV                                   |                  |                |                       |
|                                               | USD              | CID            |                       |
| Proposed - No Build Low Growth                | \$ 904,468,298   | \$ 760,057,393 |                       |
| Proposed - No Build Medium Growth             | \$ 1,090,797,725 | \$ 916,636,743 |                       |
| Costs PV                                      |                  |                |                       |
|                                               | USD              | CID            |                       |
| Proposed - No Build                           | \$ 620,273,519   | \$ 521,238,251 |                       |
| NPV (Benefits - Costs)                        |                  |                |                       |
|                                               | USD              | CID            | Benefit to Cost Ratio |
| Proposed - No Build Low Growth                | \$ 284,194,780   | \$ 238,819,142 | 1.5                   |
| Proposed - No Build Medium Growth             | \$ 470,524,206   | \$ 395,398,492 | 1.8                   |

WebTAG Discounting Values

\*Negative values are shown in parenthesis within this appendix

| 5% Discounting                    |                 |                 |                       |
|-----------------------------------|-----------------|-----------------|-----------------------|
| Benefits PV                       |                 |                 |                       |
|                                   | USD             | CID             |                       |
| Proposed - No Build Low Growth    | \$ 476,730,539  | \$ 400,613,898  |                       |
| Proposed - No Build Medium Growth | \$ 550,635,665  | \$ 462,719,046  |                       |
| Costs PV                          |                 |                 |                       |
|                                   | USD             | CID             |                       |
| Proposed - No Build               | \$ 505,158,049  | \$ 424,502,562  |                       |
| NPV (Benefits - Costs)            |                 |                 |                       |
|                                   | USD             | CID             | Benefit to Cost Ratio |
| Proposed - No Build Low Growth    | \$ (28,427,510) | \$ (23,888,664) | 0.9                   |
| Proposed - No Build Medium Growth | \$ 45,477,616   | \$ 38,216,484   | 1.1                   |

| 2% Discounting                    |                  |                  |                       |
|-----------------------------------|------------------|------------------|-----------------------|
| Benefits PV                       |                  |                  |                       |
|                                   | USD              | CID              |                       |
| Proposed - No Build Low Growth    | \$ 1,388,648,397 | \$ 1,166,931,426 |                       |
| Proposed - No Build Medium Growth | \$ 1,661,200,849 | \$ 1,395,967,100 |                       |
| Costs PV                          |                  |                  |                       |
|                                   | USD              | CID              |                       |
| Proposed - No Build               | \$ 749,786,154   | \$ 630,072,399   |                       |
| NPV (Benefits - Costs)            |                  |                  |                       |
|                                   | USD              | CID              | Benefit to Cost Ratio |
| Proposed - No Build Low Growth    | \$ 638,862,242   | \$ 536,859,027   | 1.9                   |
| Proposed - No Build Medium Growth | \$ 911,414,695   | \$ 765,894,701   | 2.2                   |

Sensitivity Analysis Discounting Values

| Summary of Estimated Construction and Maintenance Costs (2024 US Dollars) |              |                                    |                                   |                                                  |            |                                           |
|---------------------------------------------------------------------------|--------------|------------------------------------|-----------------------------------|--------------------------------------------------|------------|-------------------------------------------|
|                                                                           |              | New Construction w/<br>Contingency | Rehab Construction w/ Contingency | Terrestrial Ecology<br>Mitigation w/ Contingency | ROW        | Total Road Cost By<br>Year w/ Contingency |
| Proposed Project<br>minus No Build<br>Summary                             | 2024 Totals: |                                    |                                   |                                                  | 20,334,257 | 20,334,257                                |
|                                                                           | 2026 Totals: | 262,825,877                        | (18,852,741)                      | 15,585,732                                       |            | 259,558,868                               |
|                                                                           | 2036 Totals: | 158,054,597                        | 109,512,353                       | 9,351,439                                        |            | 276,918,389                               |
|                                                                           | 2046 Totals: | 96,596,762                         | 56,055,494                        | 3,117,146                                        |            | 155,769,403                               |
|                                                                           | 2060 Totals: | 71,059,125                         | 125,197,938                       | 3,117,146                                        |            | 199,374,210                               |
|                                                                           | 2074 Totals: | 14,429,616                         | 57,900,536                        | -                                                |            | 72,330,152                                |
|                                                                           | Total        | 602,965,977                        | 329,813,580                       | 31,171,464                                       | 20,334,257 | 984,285,278                               |

| Summary of Estimated Construction and Maintenance Costs (2024 CI Dollars) |              |                                    |                                   |                                                  |            |                                           |
|---------------------------------------------------------------------------|--------------|------------------------------------|-----------------------------------|--------------------------------------------------|------------|-------------------------------------------|
|                                                                           |              | New Construction w/<br>Contingency | Rehab Construction w/ Contingency | Terrestrial Ecology<br>Mitigation w/ Contingency | ROW        | Total Road Cost By<br>Year w/ Contingency |
| Proposed Project<br>minus No Build<br>Summary                             | 2024 Totals: | -                                  | -                                 | -                                                | 17,087,611 | 17,087,611                                |
|                                                                           | 2026 Totals: | 220,862,081                        | (15,842,640)                      | 13,097,254                                       | -          | 218,116,695                               |
|                                                                           | 2036 Totals: | 132,818,989                        | 92,027,188                        | 7,858,352                                        | -          | 232,704,529                               |
|                                                                           | 2046 Totals: | 81,173,749                         | 47,105,457                        | 2,619,451                                        | -          | 130,898,658                               |
|                                                                           | 2060 Totals: | 59,713,550                         | 105,208,352                       | 2,619,451                                        | -          | 167,541,353                               |
|                                                                           | 2074 Totals: | 12,125,728                         | 48,655,912                        | -                                                | -          | 60,781,640                                |
|                                                                           | Total        | 506,694,098                        | 277,154,269                       | 26,194,508                                       | 17,087,611 | 827,130,486                               |

Proposed Project minus No-Build Costs (USD)

|                                      | N  | Year  | Cost Categories: all values in constant US 2024 \$  |                                                       |               |                                                |                                   |                  |                  | Present Value Costs    |                        |                        |                        | Present Value Costs Using WebTAG Discount Schedule |                                                  |
|--------------------------------------|----|-------|-----------------------------------------------------|-------------------------------------------------------|---------------|------------------------------------------------|-----------------------------------|------------------|------------------|------------------------|------------------------|------------------------|------------------------|----------------------------------------------------|--------------------------------------------------|
|                                      |    |       | New Construction<br>Cost Subtotal w/<br>Contingency | Rehab Construction<br>Cost Subtotal w/<br>Contingency | ROW Cost      | Potential Mitigation<br>Cost w/<br>Contingency | Total Road Cost w/<br>Contingency | Total Solar Cost | Total Cost       | Total Costs Discounted | Total Costs Discounted | Total Costs Discounted | Total Costs Discounted | WebTAG Discount Schedule                           | New Construction Cost<br>Subtotal w/ Contingency |
|                                      |    |       |                                                     |                                                       |               |                                                |                                   |                  |                  |                        |                        |                        |                        |                                                    | Years 0-30 3.5%; Years 31-75<br>3%               |
| B3-No Build with<br>Will T Connector | 1  | 2024  | -                                                   | -                                                     | 20,334,257    | -                                              | 20,334,257                        | -                | 20,334,257       | 19,935,546             | 19,741,997             | 19,646,625             | 19,365,959             | 3.5%                                               | -                                                |
|                                      | 2  | 2025  | -                                                   | -                                                     | -             | -                                              | -                                 | -                | -                | -                      | -                      | -                      | -                      | 3.5%                                               | -                                                |
|                                      | 3  | 2026  | 262,825,877                                         | (18,852,741)                                          | -             | 15,585,732                                     | 259,558,868                       | -                | 259,558,868      | 244,588,118            | 237,533,133            | 234,107,227            | 224,216,709            | 3.5%                                               | 237,053,883                                      |
|                                      | 4  | 2027  | -                                                   | -                                                     | -             | -                                              | -                                 | -                | -                | -                      | -                      | -                      | -                      | 3.5%                                               | -                                                |
|                                      | 5  | 2028  | -                                                   | -                                                     | -             | -                                              | -                                 | -                | -                | -                      | -                      | -                      | -                      | 3.5%                                               | -                                                |
|                                      | 6  | 2029  | -                                                   | -                                                     | -             | -                                              | -                                 | -                | -                | -                      | -                      | -                      | -                      | 3.5%                                               | -                                                |
|                                      | 7  | 2030  | -                                                   | -                                                     | -             | -                                              | -                                 | -                | -                | -                      | -                      | -                      | -                      | 3.5%                                               | -                                                |
|                                      | 8  | 2031  | -                                                   | -                                                     | -             | -                                              | -                                 | -                | -                | -                      | -                      | -                      | -                      | 3.5%                                               | -                                                |
|                                      | 9  | 2032  | -                                                   | -                                                     | -             | -                                              | -                                 | -                | -                | -                      | -                      | -                      | -                      | 3.5%                                               | -                                                |
|                                      | 10 | 2033  | -                                                   | -                                                     | -             | -                                              | -                                 | -                | -                | -                      | -                      | -                      | -                      | 3.5%                                               | -                                                |
|                                      | 11 | 2034  | -                                                   | -                                                     | -             | -                                              | -                                 | -                | -                | -                      | -                      | -                      | -                      | 3.5%                                               | -                                                |
|                                      | 12 | 2035  | -                                                   | -                                                     | -             | -                                              | -                                 | -                | -                | -                      | -                      | -                      | -                      | 3.5%                                               | -                                                |
|                                      | 13 | 2036  | 158,054,597                                         | 109,512,353                                           | -             | 9,351,439                                      | 276,918,389                       | -                | 276,918,389      | 214,066,922            | 188,567,948            | 177,062,768            | 146,855,734            | 3.5%                                               | 101,060,766                                      |
|                                      | 14 | 2037  | -                                                   | -                                                     | -             | -                                              | -                                 | -                | -                | -                      | -                      | -                      | -                      | 3.5%                                               | -                                                |
|                                      | 15 | 2038  | -                                                   | -                                                     | -             | -                                              | -                                 | -                | -                | -                      | -                      | -                      | -                      | 3.5%                                               | -                                                |
|                                      | 16 | 2039  | -                                                   | -                                                     | -             | -                                              | -                                 | -                | -                | -                      | -                      | -                      | -                      | 3.5%                                               | -                                                |
|                                      | 17 | 2040  | -                                                   | -                                                     | -             | -                                              | -                                 | -                | -                | -                      | -                      | -                      | -                      | 3.5%                                               | -                                                |
|                                      | 18 | 2041  | -                                                   | -                                                     | -             | -                                              | -                                 | -                | -                | -                      | -                      | -                      | -                      | 3.5%                                               | -                                                |
|                                      | 19 | 2042  | -                                                   | -                                                     | -             | -                                              | -                                 | -                | -                | -                      | -                      | -                      | -                      | 3.5%                                               | -                                                |
|                                      | 20 | 2043  | -                                                   | -                                                     | -             | -                                              | -                                 | -                | -                | -                      | -                      | -                      | -                      | 3.5%                                               | -                                                |
|                                      | 21 | 2044  | -                                                   | -                                                     | -             | -                                              | -                                 | -                | -                | -                      | -                      | -                      | -                      | 3.5%                                               | -                                                |
|                                      | 22 | 2045  | -                                                   | -                                                     | -             | -                                              | -                                 | 65,176,000       | 65,176,000       | 42,158,381             | 34,014,866             | 30,577,362             | 22,280,407             | 3.5%                                               | -                                                |
|                                      | 23 | 2046  | 96,596,762                                          | 56,055,494                                            | -             | 3,117,146                                      | 155,769,403                       | 558,292          | 156,327,695      | 99,136,133             | 79,209,953             | 70,861,098             | 50,895,812             | 3.5%                                               | 43,785,924                                       |
|                                      | 24 | 2047  | -                                                   | -                                                     | -             | -                                              | -                                 | 558,292          | 558,292          | 347,102                | 274,643                | 244,508                | 173,108                | 3.5%                                               | -                                                |
|                                      | 25 | 2048  | -                                                   | -                                                     | -             | -                                              | -                                 | 558,292          | 558,292          | 340,296                | 266,643                | 236,240                | 164,865                | 3.5%                                               | -                                                |
|                                      | 26 | 2049  | -                                                   | -                                                     | -             | -                                              | -                                 | 558,292          | 558,292          | 333,624                | 258,877                | 228,251                | 157,014                | 3.5%                                               | -                                                |
|                                      | 27 | 2050  | -                                                   | -                                                     | -             | -                                              | -                                 | 558,292          | 558,292          | 327,082                | 251,337                | 220,532                | 149,538                | 3.5%                                               | -                                                |
|                                      | 28 | 2051  | -                                                   | -                                                     | -             | -                                              | -                                 | 558,292          | 558,292          | 320,669                | 244,016                | 213,075                | 142,417                | 3.5%                                               | -                                                |
|                                      | 29 | 2052  | -                                                   | -                                                     | -             | -                                              | -                                 | 558,292          | 558,292          | 314,381                | 236,909                | 205,869                | 135,635                | 3.5%                                               | -                                                |
|                                      | 30 | 2053  | -                                                   | -                                                     | -             | -                                              | -                                 | 558,292          | 558,292          | 308,217                | 230,009                | 198,907                | 129,176                | 3.5%                                               | -                                                |
|                                      | 31 | 2054  | -                                                   | -                                                     | -             | -                                              | -                                 | 558,292          | 558,292          | 302,173                | 223,310                | 192,181                | 123,025                | 3.0%                                               | -                                                |
|                                      | 32 | 2055  | -                                                   | -                                                     | -             | -                                              | -                                 | 558,292          | 558,292          | 296,248                | 216,805                | 185,682                | 117,167                | 3.0%                                               | -                                                |
|                                      | 33 | 2056  | -                                                   | -                                                     | -             | -                                              | -                                 | 558,292          | 558,292          | 290,440                | 210,491                | 179,403                | 111,587                | 3.0%                                               | -                                                |
|                                      | 34 | 2057  | -                                                   | -                                                     | -             | -                                              | -                                 | 558,292          | 558,292          | 284,745                | 204,360                | 173,336                | 106,274                | 3.0%                                               | -                                                |
|                                      | 35 | 2058  | -                                                   | -                                                     | -             | -                                              | -                                 | 558,292          | 558,292          | 279,161                | 198,408                | 167,475                | 101,213                | 3.0%                                               | -                                                |
|                                      | 36 | 2059  | -                                                   | -                                                     | -             | -                                              | -                                 | 558,292          | 558,292          | 273,688                | 192,629                | 161,811                | 96,393                 | 3.0%                                               | -                                                |
|                                      | 37 | 2060  | 71,059,125                                          | 125,197,938                                           | -             | 3,117,146                                      | 199,374,210                       | 558,292          | 199,932,502      | 96,089,746             | 66,973,977             | 55,987,420             | 32,876,027             | 3.0%                                               | 23,803,594                                       |
|                                      | 38 | 2061  | -                                                   | -                                                     | -             | -                                              | -                                 | 558,292          | 558,292          | 263,060                | 181,571                | 151,053                | 87,432                 | 3.0%                                               | -                                                |
|                                      | 39 | 2062  | -                                                   | -                                                     | -             | -                                              | -                                 | 558,292          | 558,292          | 257,902                | 176,283                | 145,945                | 83,268                 | 3.0%                                               | -                                                |
|                                      | 40 | 2063  | -                                                   | -                                                     | -             | -                                              | -                                 | 558,292          | 558,292          | 252,845                | 171,148                | 141,009                | 79,303                 | 3.0%                                               | -                                                |
|                                      | 41 | 2064  | -                                                   | -                                                     | -             | -                                              | -                                 | 558,292          | 558,292          | 247,887                | 166,163                | 136,241                | 75,527                 | 3.0%                                               | -                                                |
|                                      | 42 | 2065  | -                                                   | -                                                     | -             | -                                              | -                                 | 558,292          | 558,292          | 243,027                | 161,324                | 131,634                | 71,930                 | 3.0%                                               | -                                                |
|                                      | 43 | 2066  | -                                                   | -                                                     | -             | -                                              | -                                 | 558,292          | 558,292          | 238,262                | 156,625                | 127,182                | 68,505                 | 3.0%                                               | -                                                |
|                                      | 44 | 2067  | -                                                   | -                                                     | -             | -                                              | -                                 | 558,292          | 558,292          | 233,590                | 152,063                | 122,881                | 65,243                 | 3.0%                                               | -                                                |
|                                      | 45 | 2068  | -                                                   | -                                                     | -             | -                                              | -                                 | 558,292          | 558,292          | 229,010                | 147,634                | 118,726                | 62,136                 | 3.0%                                               | -                                                |
|                                      | 46 | 2069  | -                                                   | -                                                     | -             | -                                              | -                                 | 558,292          | 558,292          | 224,519                | 143,334                | 114,711                | 59,177                 | 3.0%                                               | -                                                |
|                                      | 47 | 2070  | -                                                   | -                                                     | -             | -                                              | -                                 | 558,292          | 558,292          | 220,117                | 139,159                | 110,832                | 56,359                 | 3.0%                                               | -                                                |
|                                      | 48 | 2071  | -                                                   | -                                                     | -             | -                                              | -                                 | 558,292          | 558,292          | 215,801                | 135,106                | 107,084                | 53,675                 | 3.0%                                               | -                                                |
|                                      | 49 | 2072  | -                                                   | -                                                     | -             | -                                              | -                                 | 558,292          | 558,292          | 211,569                | 131,171                | 103,463                | 51,119                 | 3.0%                                               | -                                                |
|                                      | 50 | 2073  | -                                                   | -                                                     | -             | -                                              | -                                 | 558,292          | 558,292          | 207,421                | 127,350                | 99,964                 | 48,685                 | 3.0%                                               | -                                                |
|                                      | 51 | 2074  | 14,429,616                                          | 57,900,536                                            | -             | -                                              | 72,330,152                        | 558,292          | 72,888,444       | 26,549,107             | 16,142,107             | 12,609,586             | 6,053,470              | 3.0%                                               | 3,195,629                                        |
|                                      | 52 | 2075  |                                                     |                                                       |               |                                                |                                   | 558,292          | 558,292          | 199,367                | 123,641                | 96,584                 | 44,159                 | 3.0%                                               | -                                                |
|                                      |    | Total | \$ 602,965,977                                      | \$ 329,813,580                                        | \$ 20,334,257 | \$ 31,171,464                                  | \$ 963,951,021                    | \$ 81,924,760    | \$ 1,066,210,038 | \$ 749,786,154         | \$ 647,304,989         | \$ 605,166,665         | \$ 505,158,049         |                                                    | \$ 408,899,796                                   |

| Rehab Construction Cost Subtotal w/ Contingency | ROW Cost                        | Potential Mitigation Cost w/ Contingency | Total Road Cost w/ Contingency  | Total Solar Cost                | Total Cost                      |
|-------------------------------------------------|---------------------------------|------------------------------------------|---------------------------------|---------------------------------|---------------------------------|
| Years 0-30 3.5%; Years 31-75 3%                 | Years 0-30 3.5%; Years 31-75 3% | Years 0-30 3.5%; Years 31-75 3%          | Years 0-30 3.5%; Years 31-75 3% | Years 0-30 3.5%; Years 31-75 3% | Years 0-30 3.5%; Years 31-75 3% |
| -                                               | 19,646,625                      | -                                        | 19,646,625                      | -                               | 19,646,625                      |
| -                                               | -                               | -                                        | -                               | -                               | -                               |
| (17,004,093)                                    | -                               | 14,057,437                               | 234,107,227                     | -                               | 234,107,227                     |
| -                                               | -                               | -                                        | -                               | -                               | -                               |
| -                                               | -                               | -                                        | -                               | -                               | -                               |
| -                                               | -                               | -                                        | -                               | -                               | -                               |
| -                                               | -                               | -                                        | -                               | -                               | -                               |
| -                                               | -                               | -                                        | -                               | -                               | -                               |
| -                                               | -                               | -                                        | -                               | -                               | -                               |
| -                                               | -                               | -                                        | -                               | -                               | -                               |
| -                                               | -                               | -                                        | -                               | -                               | -                               |
| -                                               | -                               | -                                        | -                               | -                               | -                               |
| -                                               | -                               | -                                        | -                               | -                               | -                               |
| 70,022,653                                      | -                               | 5,979,349                                | 177,062,768                     | -                               | 177,062,768                     |
| -                                               | -                               | -                                        | -                               | -                               | -                               |
| -                                               | -                               | -                                        | -                               | -                               | -                               |
| -                                               | -                               | -                                        | -                               | -                               | -                               |
| -                                               | -                               | -                                        | -                               | -                               | -                               |
| -                                               | -                               | -                                        | -                               | -                               | -                               |
| -                                               | -                               | -                                        | -                               | -                               | -                               |
| -                                               | -                               | -                                        | -                               | -                               | -                               |
| -                                               | -                               | -                                        | -                               | -                               | -                               |
| -                                               | -                               | -                                        | -                               | -                               | -                               |
| -                                               | -                               | -                                        | -                               | 30,577,362                      | 30,577,362                      |
| 25,409,150                                      | -                               | 1,412,958                                | 70,608,032                      | 253,066                         | 70,861,098                      |
| -                                               | -                               | -                                        | -                               | 244,508                         | 244,508                         |
| -                                               | -                               | -                                        | -                               | 236,240                         | 236,240                         |
| -                                               | -                               | -                                        | -                               | 228,251                         | 228,251                         |
| -                                               | -                               | -                                        | -                               | 220,532                         | 220,532                         |
| -                                               | -                               | -                                        | -                               | 213,075                         | 213,075                         |
| -                                               | -                               | -                                        | -                               | 205,869                         | 205,869                         |
| -                                               | -                               | -                                        | -                               | 198,907                         | 198,907                         |
| -                                               | -                               | -                                        | -                               | 223,310                         | 223,310                         |
| -                                               | -                               | -                                        | -                               | 216,805                         | 216,805                         |
| -                                               | -                               | -                                        | -                               | 210,491                         | 210,491                         |
| -                                               | -                               | -                                        | -                               | 204,360                         | 204,360                         |
| -                                               | -                               | -                                        | -                               | 198,408                         | 198,408                         |
| -                                               | -                               | -                                        | -                               | 192,629                         | 192,629                         |
| 41,939,173                                      | -                               | 1,044,191                                | 66,786,958                      | 187,018                         | 66,973,977                      |
| -                                               | -                               | -                                        | -                               | 181,571                         | 181,571                         |
| -                                               | -                               | -                                        | -                               | 176,283                         | 176,283                         |
| -                                               | -                               | -                                        | -                               | 171,148                         | 171,148                         |
| -                                               | -                               | -                                        | -                               | 166,163                         | 166,163                         |
| -                                               | -                               | -                                        | -                               | 161,324                         | 161,324                         |
| -                                               | -                               | -                                        | -                               | 156,625                         | 156,625                         |
| -                                               | -                               | -                                        | -                               | 152,063                         | 152,063                         |
| -                                               | -                               | -                                        | -                               | 147,634                         | 147,634                         |
| -                                               | -                               | -                                        | -                               | 143,334                         | 143,334                         |
| -                                               | -                               | -                                        | -                               | 139,159                         | 139,159                         |
| -                                               | -                               | -                                        | -                               | 135,106                         | 135,106                         |
| -                                               | -                               | -                                        | -                               | 131,171                         | 131,171                         |
| -                                               | -                               | -                                        | -                               | 127,350                         | 127,350                         |
| 12,822,837                                      | -                               | -                                        | 16,018,466                      | 123,641                         | 16,142,107                      |
| -                                               | -                               | -                                        | -                               | 120,040                         | 120,040                         |
| \$ 133,189,721                                  | \$ 19,646,625                   | \$ 22,493,935                            | \$ 584,230,077                  | \$ 36,043,442                   | \$ 620,273,519                  |

Proposed Project 2074 Low Growth Scenario minus No-Build Benefits (USD)

| N  | Year  | Undiscounted Benefit Categories: all values in constant 2024 \$ |                 |                                  |                                                           |                                  |                                                                                |                                      |                 |                                         |                                            |                  | Total Benefits w/ Solar<br>(Undiscounted) | Total Benefits Discounted |
|----|-------|-----------------------------------------------------------------|-----------------|----------------------------------|-----------------------------------------------------------|----------------------------------|--------------------------------------------------------------------------------|--------------------------------------|-----------------|-----------------------------------------|--------------------------------------------|------------------|-------------------------------------------|---------------------------|
|    |       | Traffic Benefits                                                | Noise Benefits  | Traffic-Related Carbon Emissions | Estimated Peat Removal Carbon Emissions from Construction | Annual Carbon Sequestration Loss | Bulk Material, Construction Tailpipe, and Commuter/Delivery Tailpipe Emissions | Traffic-Related Non-Carbon Emissions | Amenity Loss    | Electric Cost Savings from Solar Canopy | Carbon Emissions Savings from Solar Canopy |                  |                                           |                           |
|    |       | 2%                                                              |                 |                                  |                                                           |                                  |                                                                                |                                      |                 |                                         |                                            |                  |                                           |                           |
| 1  | 2024  | -                                                               | -               | -                                | -                                                         | -                                | -                                                                              | -                                    | -               | -                                       | -                                          | -                | -                                         |                           |
| 2  | 2025  | -                                                               | -               | -                                | -                                                         | -                                | -                                                                              | -                                    | -               | -                                       | -                                          | -                | -                                         |                           |
| 3  | 2026  | (6,690,493)                                                     | (1,103,720)     | (9,808,855)                      | (28,865,971)                                              | (166,396)                        | (13,102,223)                                                                   | (3,686,401)                          | (12,620,800)    | -                                       | -                                          | (76,044,858)     | (71,658,768)                              |                           |
| 4  | 2027  | (4,145,773)                                                     | (1,140,915)     | (10,231,395)                     | -                                                         | (168,930)                        | -                                                                              | (3,835,356)                          | -               | -                                       | -                                          | (19,522,369)     | (18,035,651)                              |                           |
| 5  | 2028  | (1,134,521)                                                     | (1,179,364)     | (10,671,495)                     | -                                                         | (171,502)                        | -                                                                              | (3,980,190)                          | -               | -                                       | -                                          | (17,137,073)     | (15,521,575)                              |                           |
| 6  | 2029  | 2,438,690                                                       | (1,219,109)     | (11,129,846)                     | -                                                         | (174,114)                        | -                                                                              | (4,138,306)                          | -               | -                                       | -                                          | (14,222,684)     | (12,629,337)                              |                           |
| 7  | 2030  | 6,679,890                                                       | (1,260,193)     | (11,607,162)                     | -                                                         | (176,765)                        | -                                                                              | (4,292,222)                          | -               | -                                       | -                                          | (10,656,453)     | (9,277,084)                               |                           |
| 8  | 2031  | 11,737,521                                                      | (1,302,661)     | (12,104,185)                     | -                                                         | (179,457)                        | -                                                                              | (4,379,418)                          | -               | -                                       | -                                          | (6,228,201)      | (5,315,709)                               |                           |
| 9  | 2032  | 17,749,422                                                      | (1,346,561)     | (12,621,682)                     | -                                                         | (182,190)                        | -                                                                              | (4,467,527)                          | -               | -                                       | -                                          | (868,538)        | (726,754)                                 |                           |
| 10 | 2033  | 24,927,653                                                      | (1,391,940)     | (13,160,444)                     | -                                                         | (184,965)                        | -                                                                              | (4,556,510)                          | -               | -                                       | -                                          | 5,633,794        | 4,621,674                                 |                           |
| 11 | 2034  | 33,516,083                                                      | (1,438,848)     | (13,721,295)                     | -                                                         | (187,781)                        | -                                                                              | (4,646,320)                          | -               | -                                       | -                                          | 13,521,839       | 10,875,115                                |                           |
| 12 | 2035  | 43,822,199                                                      | (1,487,338)     | (14,305,082)                     | -                                                         | (190,641)                        | -                                                                              | (4,736,910)                          | -               | -                                       | -                                          | 23,102,229       | 18,215,950                                |                           |
| 13 | 2036  | 23,125,143                                                      | (1,480,350)     | 1,063,881                        | -                                                         | (193,544)                        | (12,639,139)                                                                   | 1,020,253                            | -               | -                                       | -                                          | 10,896,243       | 8,423,151                                 |                           |
| 14 | 2037  | 24,959,462                                                      | (1,515,139)     | 1,120,562                        | -                                                         | (196,491)                        | -                                                                              | 1,051,445                            | -               | -                                       | -                                          | 25,419,839       | 19,265,061                                |                           |
| 15 | 2038  | 26,984,635                                                      | (1,550,744)     | 1,180,137                        | -                                                         | (199,484)                        | -                                                                              | 1,083,527                            | -               | -                                       | -                                          | 27,498,071       | 20,431,472                                |                           |
| 16 | 2039  | 29,232,471                                                      | (1,587,187)     | 1,242,751                        | -                                                         | (202,522)                        | -                                                                              | 1,116,524                            | -               | -                                       | -                                          | 29,802,037       | 21,709,169                                |                           |
| 17 | 2040  | 31,702,970                                                      | (1,624,486)     | 1,308,552                        | -                                                         | (205,606)                        | -                                                                              | 1,150,460                            | -               | -                                       | -                                          | 32,331,891       | 23,090,226                                |                           |
| 18 | 2041  | 34,427,941                                                      | (1,662,661)     | 1,377,390                        | -                                                         | (208,690)                        | -                                                                              | 1,185,361                            | -               | -                                       | -                                          | 35,119,341       | 24,589,136                                |                           |
| 19 | 2042  | 37,428,590                                                      | (1,701,734)     | 1,449,706                        | -                                                         | (211,820)                        | -                                                                              | 1,221,254                            | -               | -                                       | -                                          | 38,185,995       | 26,212,042                                |                           |
| 20 | 2043  | 40,726,123                                                      | (1,741,725)     | 1,525,671                        | -                                                         | (214,997)                        | -                                                                              | 1,258,165                            | -               | -                                       | -                                          | 41,553,237       | 27,964,137                                |                           |
| 21 | 2044  | 44,352,349                                                      | (1,782,655)     | 1,605,464                        | -                                                         | (218,222)                        | -                                                                              | 1,296,122                            | -               | -                                       | -                                          | 45,253,058       | 29,856,873                                |                           |
| 22 | 2045  | 48,328,474                                                      | (1,824,547)     | 1,689,272                        | -                                                         | (221,496)                        | -                                                                              | 1,335,155                            | -               | -                                       | (20,563,338)                               | 28,743,521       | 18,592,431                                |                           |
| 23 | 2046  | 35,042,915                                                      | (1,283,986)     | 4,953,104                        | -                                                         | (224,818)                        | (10,215,685)                                                                   | 240,872                              | -               | 9,126,810                               | 11,802,081                                 | 49,441,292       | 31,353,488                                |                           |
| 24 | 2047  | 37,587,635                                                      | (1,289,379)     | 5,047,244                        | -                                                         | (228,190)                        | -                                                                              | 241,941                              | -               | 9,062,785                               | 11,895,078                                 | 62,317,114       | 38,743,889                                |                           |
| 25 | 2048  | 40,174,767                                                      | (1,294,794)     | 5,143,365                        | -                                                         | (231,613)                        | -                                                                              | 242,977                              | -               | 8,999,210                               | 11,988,809                                 | 65,022,720       | 39,633,355                                |                           |
| 26 | 2049  | 42,783,105                                                      | (1,300,233)     | 5,241,512                        | -                                                         | (235,087)                        | -                                                                              | 244,020                              | -               | 8,936,081                               | 12,083,278                                 | 67,752,676       | 40,487,595                                |                           |
| 27 | 2050  | 45,433,855                                                      | (1,305,693)     | 5,341,730                        | -                                                         | (238,614)                        | -                                                                              | 245,071                              | -               | 8,873,394                               | 12,178,492                                 | 70,528,234       | 41,319,815                                |                           |
| 28 | 2051  | 48,116,414                                                      | (1,311,177)     | 5,444,066                        | -                                                         | (242,193)                        | -                                                                              | 246,129                              | -               | 8,811,147                               | 12,274,455                                 | 73,338,841       | 42,123,964                                |                           |
| 29 | 2052  | 50,830,782                                                      | (1,316,684)     | 5,548,569                        | -                                                         | (245,826)                        | -                                                                              | 247,194                              | -               | 8,749,337                               | 12,371,175                                 | 76,184,547       | 42,900,456                                |                           |
| 30 | 2053  | 53,587,562                                                      | (1,322,214)     | 5,655,286                        | -                                                         | (249,513)                        | -                                                                              | 248,267                              | -               | 8,687,960                               | 12,468,657                                 | 79,076,005       | 43,655,560                                |                           |
| 31 | 2054  | 56,376,151                                                      | (1,327,768)     | 5,764,268                        | -                                                         | (253,256)                        | -                                                                              | 249,347                              | -               | 8,627,014                               | 12,566,908                                 | 82,002,665       | 44,383,612                                |                           |
| 32 | 2055  | 59,207,152                                                      | (1,333,344)     | 5,875,567                        | -                                                         | (257,055)                        | -                                                                              | 250,435                              | -               | 8,566,496                               | 12,665,932                                 | 84,975,183       | 45,090,662                                |                           |
| 33 | 2056  | 62,069,962                                                      | (1,338,944)     | 5,989,235                        | -                                                         | (260,911)                        | -                                                                              | 251,531                              | -               | 8,506,402                               | 12,765,737                                 | 87,983,011       | 45,771,290                                |                           |
| 34 | 2057  | 64,964,581                                                      | (1,344,568)     | 6,105,325                        | -                                                         | (264,824)                        | -                                                                              | 252,634                              | -               | 8,446,729                               | 12,866,328                                 | 91,026,205       | 46,425,928                                |                           |
| 35 | 2058  | 67,912,215                                                      | (1,350,215)     | 6,223,892                        | -                                                         | (268,797)                        | -                                                                              | 253,745                              | -               | 8,387,476                               | 12,967,712                                 | 94,126,028       | 47,065,613                                |                           |
| 36 | 2059  | 70,891,658                                                      | (1,355,886)     | 6,344,994                        | -                                                         | (272,828)                        | -                                                                              | 254,863                              | -               | 8,328,637                               | 13,069,894                                 | 97,261,332       | 47,679,757                                |                           |
| 37 | 2060  | 89,521,129                                                      | (902,574)       | (24,252,821)                     | -                                                         | (276,921)                        | (16,554,916)                                                                   | (887,456)                            | -               | 8,270,212                               | 13,172,882                                 | 68,089,534       | 32,724,574                                |                           |
| 38 | 2061  | 93,073,134                                                      | (907,087)       | (24,788,654)                     | -                                                         | (281,075)                        | -                                                                              | (893,502)                            | -               | 8,212,196                               | 13,276,682                                 | 87,691,694       | 41,319,203                                |                           |
| 39 | 2062  | 96,720,566                                                      | (911,623)       | (25,336,211)                     | -                                                         | (285,291)                        | -                                                                              | (899,585)                            | -               | 8,154,588                               | 13,381,299                                 | 90,823,742       | 41,955,866                                |                           |
| 40 | 2063  | 100,452,822                                                     | (916,181)       | (25,895,748)                     | -                                                         | (289,570)                        | -                                                                              | (905,708)                            | -               | 8,097,383                               | 13,486,740                                 | 94,029,739       | 42,585,167                                |                           |
| 41 | 2064  | 104,291,108                                                     | (920,762)       | (26,467,524)                     | -                                                         | (293,914)                        | -                                                                              | (911,870)                            | -               | 8,040,580                               | 13,593,013                                 | 97,330,631       | 43,215,794                                |                           |
| 42 | 2065  | 108,214,218                                                     | (925,366)       | (27,051,806)                     | -                                                         | (298,322)                        | -                                                                              | (918,072)                            | -               | 7,984,176                               | 13,700,123                                 | 100,704,950      | 43,837,280                                |                           |
| 43 | 2066  | 112,243,358                                                     | (929,992)       | (27,648,867)                     | -                                                         | (302,797)                        | -                                                                              | (924,314)                            | -               | 7,928,167                               | 13,808,077                                 | 104,173,631      | 44,458,051                                |                           |
| 44 | 2067  | 116,378,528                                                     | (934,642)       | (28,258,983)                     | -                                                         | (307,339)                        | -                                                                              | (930,595)                            | -               | 7,872,551                               | 13,916,881                                 | 107,736,400      | 45,076,989                                |                           |
| 45 | 2068  | 120,619,728                                                     | (939,316)       | (28,882,438)                     | -                                                         | (311,949)                        | -                                                                              | (936,917)                            | -               | 7,817,325                               | 14,026,543                                 | 111,392,975      | 45,693,042                                |                           |
| 46 | 2069  | 124,977,561                                                     | (944,012)       | (29,519,524)                     | -                                                         | (316,629)                        | -                                                                              | (943,280)                            | -               | 7,762,486                               | 14,137,069                                 | 115,153,672      | 46,309,479                                |                           |
| 47 | 2070  | 129,441,424                                                     | (948,732)       | (30,170,535)                     | -                                                         | (321,378)                        | -                                                                              | (949,683)                            | -               | 7,708,032                               | 14,248,466                                 | 119,007,594      | 46,920,929                                |                           |
| 48 | 2071  | 134,021,920                                                     | (953,476)       | (30,835,775)                     | -                                                         | (326,199)                        | -                                                                              | (956,127)                            | -               | 7,653,960                               | 14,360,741                                 | 122,965,044      | 47,530,614                                |                           |
| 49 | 2072  | 138,719,049                                                     | (958,243)       | (31,515,553)                     | -                                                         | (331,092)                        | -                                                                              | (962,613)                            | -               | 7,600,268                               | 14,473,900                                 | 127,025,715      | 48,137,467                                |                           |
| 50 | 2073  | 143,543,414                                                     | (963,034)       | (32,210,186)                     | -                                                         | (336,058)                        | -                                                                              | (969,141)                            | -               | 7,546,952                               | 14,587,951                                 | 131,199,898      | 48,744,420                                |                           |
| 51 | 2074  | 148,484,412                                                     | (967,850)       | (32,919,995)                     | -                                                         | (341,099)                        | (11,712,511)                                                                   | (975,711)                            | -               | 7,494,010                               | 14,702,901                                 | 123,764,159      | 45,080,231                                |                           |
| 52 | 2075  |                                                                 |                 |                                  |                                                           |                                  |                                                                                |                                      |                 | 7,441,440                               | 14,240,788                                 | 21,682,228       | 7,742,745                                 |                           |
|    | Total | \$ 2,965,849,954                                                | \$ (61,839,655) | \$ (452,874,520)                 | \$ (28,865,971)                                           | \$ (11,948,770)                  | \$ (64,224,474)                                                                | \$ (41,496,445)                      | \$ (12,620,800) | \$ 247,693,804                          | \$ 376,515,255                             | \$ 2,916,188,378 | \$ 1,388,648,397                          |                           |

| Present Value Benefits    |                           |                           | Present Value Benefits Using WebTAG Discount Schedule |                                                                            |                                 |                                     |                                  |                                                           |                                  |                                                                                |                                      |                                     |                                         |
|---------------------------|---------------------------|---------------------------|-------------------------------------------------------|----------------------------------------------------------------------------|---------------------------------|-------------------------------------|----------------------------------|-----------------------------------------------------------|----------------------------------|--------------------------------------------------------------------------------|--------------------------------------|-------------------------------------|-----------------------------------------|
| Total Benefits Discounted | Total Benefits Discounted | Total Benefits Discounted | WebTAG Discount Schedule - All other Impacts          | WebTAG Discount Schedule - Health Impacts (noise and non-carbon emissions) | Traffic Benefits                | Noise Benefits                      | Traffic-Related Carbon Emissions | Estimated Peat Removal Carbon Emissions from Construction | Annual Carbon Sequestration Loss | Bulk Material, Construction Tailpipe, and Commuter/Delivery Tailpipe Emissions | Traffic-Related Non-Carbon Emissions | Amenity Loss                        | Electric Cost Savings from Solar Canopy |
| 3%                        | 3.5%                      | 5%                        |                                                       |                                                                            | Years 0-30 3.5%; Years 31-75 3% | Years 0-30 1.5% ; Years 31-75 1.29% | Years 0-30 3.5%; Years 31-75 3%  | Years 0-30 3.5%; Years 31-75 3%                           | Years 0-30 3.5%; Years 31-75 3%  | Years 0-30 3.5%; Years 31-75 3%                                                | Years 0-30 3.5%; Years 31-75 3%      | Years 0-30 1.5% ; Years 31-75 1.29% | Years 0-30 3.5%; Years 31-75 3%         |
| -                         | -                         | -                         | 3.5%                                                  | 1.50%                                                                      | -                               | -                                   | -                                | -                                                         | -                                | -                                                                              | -                                    | -                                   | -                                       |
| -                         | -                         | -                         | 3.5%                                                  | 1.50%                                                                      | -                               | -                                   | -                                | -                                                         | -                                | -                                                                              | -                                    | -                                   | -                                       |
| (69,591,818)              | (68,588,105)              | (65,690,408)              | 3.5%                                                  | 1.50%                                                                      | (6,034,441.36)                  | (1,055,506.23)                      | (8,847,025.21)                   | (26,035,451.54)                                           | (150,079.40)                     | (11,817,454.66)                                                                | (3,525,367.67)                       | (11,383,238.50)                     | -                                       |
| (17,345,372)              | (17,012,617)              | (16,061,101)              | 3.5%                                                  | 1.50%                                                                      | (3,612,801.66)                  | (1,074,952.51)                      | (8,916,069.46)                   | -                                                         | (147,212.44)                     | -                                                                              | (3,613,611.89)                       | -                                   | -                                       |
| (14,782,589)              | (14,428,955)              | (13,427,345)              | 3.5%                                                  | 1.50%                                                                      | (955,236.24)                    | (1,094,757.05)                      | (8,985,112.28)                   | -                                                         | (144,400.25)                     | -                                                                              | (3,694,652.78)                       | -                                   | -                                       |
| (11,911,274)              | (11,570,163)              | (10,613,186)              | 3.5%                                                  | 1.50%                                                                      | 1,983,875.89                    | (1,114,926.47)                      | (9,054,136.57)                   | -                                                         | (141,641.77)                     | -                                                                              | (3,784,655.57)                       | -                                   | -                                       |
| (8,664,671)               | (8,375,876)               | (7,573,342)               | 3.5%                                                  | 1.50%                                                                      | 5,250,333.16                    | (1,135,467.48)                      | (9,123,124.65)                   | -                                                         | (138,936.00)                     | -                                                                              | (3,867,407.40)                       | -                                   | -                                       |
| (4,916,599)               | (4,729,768)               | (4,215,491)               | 3.5%                                                  | 1.50%                                                                      | 8,913,609.09                    | (1,156,386.93)                      | (9,192,058.30)                   | -                                                         | (136,281.91)                     | -                                                                              | (3,887,657.94)                       | -                                   | -                                       |
| (665,662)                 | (637,273)                 | (559,867)                 | 3.5%                                                  | 1.50%                                                                      | 13,023,300.66                   | (1,177,691.79)                      | (9,260,918.75)                   | -                                                         | (133,678.52)                     | -                                                                              | (3,907,264.59)                       | -                                   | -                                       |
| 4,192,072                 | 3,993,903                 | 3,458,661                 | 3.5%                                                  | 1.50%                                                                      | 17,671,682.19                   | (1,199,389.16)                      | (9,329,686.61)                   | -                                                         | (131,124.86)                     | -                                                                              | (3,926,194.94)                       | -                                   | -                                       |
| 9,768,464                 | 9,261,725                 | 7,905,939                 | 3.5%                                                  | 1.50%                                                                      | 22,956,697.39                   | (1,221,486.28)                      | (9,398,341.93)                   | -                                                         | (128,619.99)                     | -                                                                              | (3,944,415.52)                       | -                                   | -                                       |
| 16,203,439                | 15,288,669                | 12,864,185                | 3.5%                                                  | 1.50%                                                                      | 29,000,799.39                   | (1,243,990.51)                      | (9,466,864.13)                   | -                                                         | (126,162.96)                     | -                                                                              | (3,961,891.85)                       | -                                   | -                                       |
| 7,419,812                 | 6,967,103                 | 5,778,511                 | 3.5%                                                  | 1.50%                                                                      | 14,786,312.47                   | (1,219,848.77)                      | 680,249.89                       | -                                                         | (123,752.87)                     | (8,081,517.79)                                                                 | 840,715.85                           | -                                   | -                                       |
| 16,805,508                | 15,703,913                | 12,838,746                | 3.5%                                                  | 1.50%                                                                      | 15,419,501.12                   | (1,230,064.25)                      | 692,262.63                       | -                                                         | (121,388.83)                     | -                                                                              | 853,614.87                           | -                                   | -                                       |
| 17,649,966                | 16,413,341                | 13,227,042                | 3.5%                                                  | 1.50%                                                                      | 16,106,875.48                   | (1,240,365.28)                      | 704,412.78                       | -                                                         | (119,069.94)                     | -                                                                              | 866,660.87                           | -                                   | -                                       |
| 18,571,644                | 17,187,011                | 13,652,656                | 3.5%                                                  | 1.50%                                                                      | 16,858,538.84                   | (1,250,752.58)                      | 716,701.57                       | -                                                         | (116,795.35)                     | -                                                                              | 879,855.39                           | -                                   | -                                       |
| 19,561,325                | 18,015,452                | 14,106,297                | 3.5%                                                  | 1.50%                                                                      | 17,665,014.70                   | (1,261,226.86)                      | 729,130.22                       | -                                                         | (114,564.21)                     | -                                                                              | 893,200.01                           | -                                   | -                                       |
| 20,628,911                | 18,906,888                | 14,592,811                | 3.5%                                                  | 1.50%                                                                      | 18,534,665.55                   | (1,271,788.86)                      | 741,533.09                       | -                                                         | (112,350.41)                     | -                                                                              | 906,696.27                           | -                                   | -                                       |
| 21,776,940                | 19,862,663                | 15,111,495                | 3.5%                                                  | 1.50%                                                                      | 19,468,694.07                   | (1,282,439.31)                      | 754,072.64                       | -                                                         | (110,179.39)                     | -                                                                              | 920,345.78                           | -                                   | -                                       |
| 23,007,020                | 20,883,239                | 15,660,978                | 3.5%                                                  | 1.50%                                                                      | 20,467,560.02                   | (1,293,178.95)                      | 766,750.04                       | -                                                         | (108,050.32)                     | -                                                                              | 934,150.13                           | -                                   | -                                       |
| 24,325,748                | 21,973,568                | 16,243,240                | 3.5%                                                  | 1.50%                                                                      | 21,536,210.15                   | (1,304,008.53)                      | 779,566.47                       | -                                                         | (105,962.39)                     | -                                                                              | 948,110.95                           | -                                   | -                                       |
| 15,001,028                | 13,485,041                | 9,825,969                 | 3.5%                                                  | 1.50%                                                                      | 22,673,334.06                   | (1,314,928.79)                      | 792,523.10                       | -                                                         | (103,914.81)                     | -                                                                              | 962,229.87                           | -                                   | -                                       |
| 25,051,495                | 22,411,027                | 16,096,666                | 3.5%                                                  | 1.50%                                                                      | 15,884,449.93                   | (911,677.83)                        | 2,245,170.93                     | -                                                         | (101,906.79)                     | (4,630,623.46)                                                                 | 171,028.03                           | -                                   | 4,137,051.85                            |
| 30,655,891                | 27,292,225                | 19,322,537                | 3.5%                                                  | 1.50%                                                                      | 16,461,772.89                   | (901,977.22)                        | 2,210,476.54                     | -                                                         | (99,937.58)                      | -                                                                              | 169,248.16                           | -                                   | 3,969,111.53                            |
| 31,055,213                | 27,514,168                | 19,201,390                | 3.5%                                                  | 1.50%                                                                      | 16,999,831.70                   | (892,379.83)                        | 2,176,399.44                     | -                                                         | (98,006.42)                      | -                                                                              | 167,460.97                           | -                                   | 3,807,988.61                            |
| 31,416,558                | 27,699,846                | 19,054,812                | 3.5%                                                  | 1.50%                                                                      | 17,491,345.00                   | (882,884.56)                        | 2,142,927.48                     | -                                                         | (96,112.57)                      | -                                                                              | 165,694.59                           | -                                   | 3,653,406.35                            |
| 31,751,039                | 27,859,516                | 18,890,869                | 3.5%                                                  | 1.50%                                                                      | 17,946,928.94                   | (873,490.32)                        | 2,110,048.74                     | -                                                         | (94,255.33)                      | -                                                                              | 163,948.74                           | -                                   | 3,505,099.23                            |
| 32,054,703                | 27,990,087                | 18,708,272                | 3.5%                                                  | 1.50%                                                                      | 18,363,838.25                   | (864,196.04)                        | 2,077,751.54                     | -                                                         | (92,433.97)                      | -                                                                              | 162,223.18                           | -                                   | 3,362,812.52                            |
| 32,328,635                | 28,092,911                | 18,508,755                | 3.5%                                                  | 1.50%                                                                      | 18,743,757.08                   | (855,000.65)                        | 2,046,024.46                     | -                                                         | (90,647.80)                      | -                                                                              | 160,517.62                           | -                                   | 3,226,301.83                            |
| 32,578,267                | 28,173,073                | 18,296,404                | 3.5%                                                  | 1.50%                                                                      | 19,092,091.42                   | (845,903.10)                        | 2,014,856.30                     | -                                                         | (88,896.15)                      | -                                                                              | 158,831.82                           | -                                   | 3,095,332.68                            |
| 32,800,012                | 28,227,806                | 18,070,064                | 3.0%                                                  | 1.29%                                                                      | 22,549,735.69                   | (892,397.61)                        | 2,305,633.25                     | -                                                         | (101,299.09)                     | -                                                                              | 167,587.22                           | -                                   | 3,450,694.79                            |
| 32,999,011                | 28,261,871                | 17,833,416                | 3.0%                                                  | 1.29%                                                                      | 22,992,329.81                   | (884,732.63)                        | 2,281,700.31                     | -                                                         | (99,823.86)                      | -                                                                              | 166,174.76                           | -                                   | 3,326,687.54                            |
| 33,171,904                | 28,272,700                | 17,585,388                | 3.0%                                                  | 1.29%                                                                      | 23,402,004.81                   | (877,133.48)                        | 2,258,098.68                     | -                                                         | (98,370.12)                      | -                                                                              | 164,776.08                           | -                                   | 3,207,136.73                            |
| 33,319,678                | 28,261,457                | 17,327,275                | 3.0%                                                  | 1.29%                                                                      | 23,779,953.54                   | (869,599.61)                        | 2,234,823.01                     | -                                                         | (96,937.54)                      | -                                                                              | 163,391.01                           | -                                   | 3,091,882.20                            |
| 33,450,828                | 28,235,630                | 17,064,134                | 3.0%                                                  | 1.29%                                                                      | 24,134,873.72                   | (862,130.45)                        | 2,211,868.03                     | -                                                         | (95,525.83)                      | -                                                                              | 162,019.40                           | -                                   | 2,980,769.56                            |
| 33,558,313                | 28,189,516                | 16,792,890                | 3.0%                                                  | 1.29%                                                                      | 24,459,920.68                   | (854,725.44)                        | 2,189,228.58                     | -                                                         | (94,134.68)                      | -                                                                              | 160,661.10                           | -                                   | 2,873,649.96                            |
| 22,808,832                | 19,067,222                | 11,196,346                | 3.0%                                                  | 1.29%                                                                      | 29,988,050.71                   | (561,719.97)                        | (8,124,281.32)                   | -                                                         | (92,763.78)                      | (5,545,614.44)                                                                 | (552,311.28)                         | -                                   | 2,770,379.91                            |
| 28,519,632                | 23,726,035                | 13,732,990                | 3.0%                                                  | 1.29%                                                                      | 30,269,817.26                   | (557,338.90)                        | (8,061,918.65)                   | -                                                         | (91,412.85)                      | -                                                                              | (548,991.48)                         | -                                   | 2,670,821.06                            |
| 28,677,919                | 23,742,462                | 13,546,176                | 3.0%                                                  | 1.29%                                                                      | 30,539,861.69                   | (552,992.00)                        | (7,999,998.60)                   | -                                                         | (90,081.60)                      | -                                                                              | (545,690.16)                         | -                                   | 2,574,840.05                            |
| 28,825,460                | 23,749,323                | 13,356,518                | 3.0%                                                  | 1.29%                                                                      | 30,794,499.76                   | (548,679.00)                        | (7,938,518.67)                   | -                                                         | (88,769.73)                      | -                                                                              | (542,407.26)                         | -                                   | 2,482,308.30                            |
| 28,968,321                | 23,751,727                | 13,167,044                | 3.0%                                                  | 1.29%                                                                      | 31,039,953.97                   | (544,399.64)                        | (7,877,476.31)                   | -                                                         | (87,476.97)                      | -                                                                              | (539,142.68)                         | -                                   | 2,393,101.85                            |
| 29,099,624                | 23,744,123                | 12,974,788                | 3.0%                                                  | 1.29%                                                                      | 31,269,496.46                   | (540,153.66)                        | (7,816,869.00)                   | -                                                         | (86,203.03)                      | -                                                                              | (535,896.36)                         | -                                   | 2,307,101.20                            |
| 29,225,176                | 23,731,367                | 12,782,563                | 3.0%                                                  | 1.29%                                                                      | 31,489,081.19                   | (535,940.79)                        | (7,756,694.23)                   | -                                                         | (84,947.65)                      | -                                                                              | (532,668.22)                         | -                                   | 2,224,191.16                            |
| 29,344,355                | 23,713,031                | 12,590,220                | 3.0%                                                  | 1.29%                                                                      | 31,698,227.11                   | (531,760.78)                        | (7,696,949.48)                   | -                                                         | (83,710.55)                      | -                                                                              | (529,458.17)                         | -                                   | 2,144,260.64                            |
| 29,456,605                | 23,688,746                | 12,397,649                | 3.0%                                                  | 1.29%                                                                      | 31,896,514.87                   | (527,613.37)                        | (7,637,632.25)                   | -                                                         | (82,491.46)                      | -                                                                              | (526,266.15)                         | -                                   | 2,067,202.57                            |
| 29,564,154                | 23,660,379                | 12,205,906                | 3.0%                                                  | 1.29%                                                                      | 32,086,305.08                   | (523,498.31)                        | (7,578,740.04)                   | -                                                         | (81,290.13)                      | -                                                                              | (523,092.07)                         | -                                   | 1,992,913.73                            |
| 29,663,686                | 23,625,349                | 12,013,723                | 3.0%                                                  | 1.29%                                                                      | 32,264,409.48                   | (519,415.34)                        | (7,520,270.33)                   | -                                                         | (80,106.29)                      | -                                                                              | (519,935.85)                         | -                                   | 1,921,294.60                            |
| 29,757,393                | 23,585,489                | 11,822,119                | 3.0%                                                  | 1.29%                                                                      | 32,433,143.94                   | (515,364.22)                        | (7,462,220.65)                   | -                                                         | (78,939.69)                      | -                                                                              | (516,797.42)                         | -                                   | 1,852,249.24                            |
| 29,844,729                | 23,540,436                | 11,630,972                | 3.0%                                                  | 1.29%                                                                      | 32,592,081.09                   | (511,344.69)                        | (7,404,588.50)                   | -                                                         | (77,790.09)                      | -                                                                              | (513,676.71)                         | -                                   | 1,785,685.16                            |
| 29,927,626                | 23,491,784                | 11,441,120                | 3.0%                                                  | 1.29%                                                                      | 32,743,268.99                   | (507,356.52)                        | (7,347,371.40)                   | -                                                         | (76,657.22)                      | -                                                                              | (510,573.62)                         | -                                   | 1,721,513.18                            |
| 27,409,205                | 21,411,005                | 10,278,758                | 3.0%                                                  | 1.29%                                                                      | 32,883,830.69                   | (503,399.45)                        | (7,290,566.87)                   | -                                                         | (75,540.86)                      | (2,593,889.90)                                                                 | (507,488.09)                         | -                                   | 1,659,647.35                            |
| 4,661,956                 | 3,624,146                 | 1,714,985                 | 3.0%                                                  | 1.29%                                                                      |                                 | -                                   |                                  | -                                                         |                                  | -                                                                              | -                                    | -                                   | 1,600,004.78                            |
| \$ 968,980,111            | \$ 810,934,219            | \$ 476,730,539            |                                                       |                                                                            | \$ 1,028,005,901                | \$ (44,392,362)                     | \$ (169,225,224)                 | \$ (26,035,452)                                           | \$ (5,120,636)                   | \$ (32,669,100)                                                                | \$ (34,748,373)                      | \$ (11,383,238)                     | \$ 81,855,440                           |

| Carbon Emissions Savings from Solar Canopy | Total Benefits w/ Solar |
|--------------------------------------------|-------------------------|
| Years 0-30 3.5%; Years 31-75 3%            | WebTAG                  |
| -                                          | -                       |
| -                                          | -                       |
| -                                          | (68,848,564.59)         |
| -                                          | (17,364,647.96)         |
| -                                          | (14,874,158.60)         |
| -                                          | (12,111,484.49)         |
| -                                          | (9,014,602.36)          |
| -                                          | (5,458,775.98)          |
| -                                          | (1,456,252.98)          |
| -                                          | 3,085,286.63            |
| -                                          | 8,263,833.67            |
| -                                          | 14,201,889.93           |
| -                                          | 6,882,158.78            |
| -                                          | 15,613,925.54           |
| -                                          | 16,318,513.91           |
| -                                          | 17,087,547.87           |
| -                                          | 17,911,553.85           |
| -                                          | 18,798,755.64           |
| -                                          | 19,750,493.79           |
| -                                          | 20,767,230.93           |
| -                                          | 21,853,916.64           |
| (9,647,302.77)                             | 13,361,940.66           |
| 5,349,713.65                               | 22,143,206.31           |
| 5,209,534.48                               | 27,018,228.80           |
| 5,073,028.45                               | 27,234,322.92           |
| 4,940,099.29                               | 27,414,475.58           |
| 4,810,653.30                               | 27,568,933.31           |
| 4,684,599.19                               | 27,694,594.67           |
| 4,561,848.10                               | 27,792,800.63           |
| 4,442,313.46                               | 27,868,626.42           |
| 5,026,601.52                               | 32,506,555.78           |
| 4,918,650.50                               | 32,700,986.43           |
| 4,813,017.82                               | 32,869,530.52           |
| 4,709,653.71                               | 33,013,166.31           |
| 4,608,509.44                               | 33,140,383.87           |
| 4,509,537.34                               | 33,244,137.54           |
| 4,412,690.75                               | 22,294,430.58           |
| 4,317,924.04                               | 27,998,900.48           |
| 4,225,192.54                               | 28,151,131.90           |
| 4,134,452.53                               | 28,292,885.93           |
| 4,045,661.24                               | 28,430,221.47           |
| 3,958,776.84                               | 28,556,252.46           |
| 3,873,758.36                               | 28,676,779.83           |
| 3,790,565.73                               | 28,791,174.50           |
| 3,709,159.74                               | 28,898,873.95           |
| 3,629,502.03                               | 29,002,100.30           |
| 3,551,555.04                               | 29,097,531.31           |
| 3,475,282.03                               | 29,187,353.23           |
| 3,400,647.06                               | 29,271,013.33           |
| 3,327,614.94                               | 29,350,438.36           |
| 3,256,151.26                               | 26,828,744.14           |
| 3,061,951.71                               | 4,661,956.49            |
| \$ 118,181,343                             | 904,468,298             |

Proposed Project 2074 Medium Growth Scenario minus No-Build Benefits (USD)

| N  | Year  | Undiscounted Benefit Categories: all values in constant 2024 \$ |                 |                                  |                                                           |                                  |                                                                                |                                      |                 |                                         |                                            |                                        |                  | Total Benefits Discounted |
|----|-------|-----------------------------------------------------------------|-----------------|----------------------------------|-----------------------------------------------------------|----------------------------------|--------------------------------------------------------------------------------|--------------------------------------|-----------------|-----------------------------------------|--------------------------------------------|----------------------------------------|------------------|---------------------------|
|    |       | Traffic Benefits                                                | Noise Benefits  | Traffic-Related Carbon Emissions | Estimated Peat Removal Carbon Emissions from Construction | Annual Carbon Sequestration Loss | Bulk Material, Construction Tailpipe, and Commuter/Delivery Tailpipe Emissions | Traffic-Related Non-Carbon Emissions | Amenity Loss    | Electric Cost Savings from Solar Canopy | Carbon Emissions Savings from Solar Canopy | Total Benefits w/ Solar (Undiscounted) |                  |                           |
|    |       |                                                                 |                 |                                  |                                                           |                                  |                                                                                |                                      |                 |                                         |                                            |                                        |                  |                           |
| 1  | 2024  | -                                                               | -               | -                                | -                                                         | -                                | -                                                                              | -                                    | -               | -                                       | -                                          | -                                      | 2%               |                           |
| 2  | 2025  | -                                                               | -               | -                                | -                                                         | -                                | -                                                                              | -                                    | -               | -                                       | -                                          | -                                      | 0                |                           |
| 3  | 2026  | (6,690,493)                                                     | (1,103,720)     | (9,808,855)                      | (28,865,971)                                              | (166,396)                        | (13,102,223)                                                                   | (3,686,401)                          | (12,620,800)    | -                                       | -                                          | (76,044,858)                           | -71,658,768      |                           |
| 4  | 2027  | (4,145,773)                                                     | (1,140,915)     | (10,231,395)                     | -                                                         | (168,930)                        | -                                                                              | (3,835,356)                          | -               | -                                       | -                                          | (19,522,369)                           | -18,035,651      |                           |
| 5  | 2028  | (1,134,521)                                                     | (1,179,364)     | (10,671,495)                     | -                                                         | (171,502)                        | -                                                                              | (3,980,190)                          | -               | -                                       | -                                          | (17,137,073)                           | -15,521,575      |                           |
| 6  | 2029  | 2,438,690                                                       | (1,219,109)     | (11,129,846)                     | -                                                         | (174,114)                        | -                                                                              | (4,138,306)                          | -               | -                                       | -                                          | (14,222,684)                           | -12,629,337      |                           |
| 7  | 2030  | 6,679,890                                                       | (1,260,193)     | (11,607,162)                     | -                                                         | (176,765)                        | -                                                                              | (4,292,222)                          | -               | -                                       | -                                          | (10,656,453)                           | -9,277,084       |                           |
| 8  | 2031  | 11,737,521                                                      | (1,302,661)     | (12,104,185)                     | -                                                         | (179,457)                        | -                                                                              | (4,379,418)                          | -               | -                                       | -                                          | (6,228,201)                            | -5,315,709       |                           |
| 9  | 2032  | 17,749,422                                                      | (1,346,561)     | (12,621,682)                     | -                                                         | (182,190)                        | -                                                                              | (4,467,527)                          | -               | -                                       | -                                          | (868,538)                              | -726,754         |                           |
| 10 | 2033  | 24,927,653                                                      | (1,391,940)     | (13,160,444)                     | -                                                         | (184,965)                        | -                                                                              | (4,556,510)                          | -               | -                                       | -                                          | 5,633,794                              | 4,621,674        |                           |
| 11 | 2034  | 33,516,083                                                      | (1,438,848)     | (13,721,295)                     | -                                                         | (187,781)                        | -                                                                              | (4,646,320)                          | -               | -                                       | -                                          | 13,521,839                             | 10,875,115       |                           |
| 12 | 2035  | 43,822,199                                                      | (1,487,338)     | (14,305,082)                     | -                                                         | (190,641)                        | -                                                                              | (4,736,910)                          | -               | -                                       | -                                          | 23,102,229                             | 18,215,950       |                           |
| 13 | 2036  | 23,125,143                                                      | (1,480,350)     | 1,063,881                        | -                                                         | (193,544)                        | (12,639,139)                                                                   | 1,020,253                            | -               | -                                       | -                                          | 10,896,243                             | 8,423,151        |                           |
| 14 | 2037  | 24,959,462                                                      | (1,515,139)     | 1,120,562                        | -                                                         | (196,491)                        | -                                                                              | 1,051,445                            | -               | -                                       | -                                          | 25,419,839                             | 19,265,061       |                           |
| 15 | 2038  | 26,984,635                                                      | (1,550,744)     | 1,180,137                        | -                                                         | (199,484)                        | -                                                                              | 1,083,527                            | -               | -                                       | -                                          | 27,498,071                             | 20,431,472       |                           |
| 16 | 2039  | 29,232,471                                                      | (1,587,187)     | 1,242,751                        | -                                                         | (202,522)                        | -                                                                              | 1,116,524                            | -               | -                                       | -                                          | 29,802,037                             | 21,709,169       |                           |
| 17 | 2040  | 31,702,970                                                      | (1,624,486)     | 1,308,552                        | -                                                         | (205,606)                        | -                                                                              | 1,150,460                            | -               | -                                       | -                                          | 32,331,891                             | 23,090,226       |                           |
| 18 | 2041  | 34,427,941                                                      | (1,662,661)     | 1,377,390                        | -                                                         | (208,690)                        | -                                                                              | 1,185,361                            | -               | -                                       | -                                          | 35,119,341                             | 24,589,136       |                           |
| 19 | 2042  | 37,428,590                                                      | (1,701,734)     | 1,449,706                        | -                                                         | (211,820)                        | -                                                                              | 1,221,254                            | -               | -                                       | -                                          | 38,185,995                             | 26,212,042       |                           |
| 20 | 2043  | 40,726,123                                                      | (1,741,725)     | 1,525,671                        | -                                                         | (214,997)                        | -                                                                              | 1,258,165                            | -               | -                                       | -                                          | 41,553,237                             | 27,964,137       |                           |
| 21 | 2044  | 44,352,349                                                      | (1,782,655)     | 1,605,464                        | -                                                         | (218,222)                        | -                                                                              | 1,296,122                            | -               | -                                       | -                                          | 45,253,058                             | 29,856,873       |                           |
| 22 | 2045  | 48,328,474                                                      | (1,824,547)     | 1,689,272                        | -                                                         | (221,496)                        | -                                                                              | 1,335,155                            | -               | -                                       | (20,563,338)                               | 28,743,521                             | 18,592,431       |                           |
| 23 | 2046  | 35,042,915                                                      | (1,283,986)     | 4,953,104                        | -                                                         | (224,818)                        | (10,215,685)                                                                   | 240,872                              | -               | 9,126,810                               | 11,802,081                                 | 49,441,292                             | 31,353,488       |                           |
| 24 | 2047  | 36,962,058                                                      | (1,295,671)     | 5,103,133                        | -                                                         | (228,190)                        | -                                                                              | 244,229                              | -               | 9,062,785                               | 11,895,078                                 | 61,743,423                             | 38,387,213       |                           |
| 25 | 2048  | 38,902,407                                                      | (1,307,461)     | 5,257,584                        | -                                                         | (231,613)                        | -                                                                              | 247,633                              | -               | 8,999,210                               | 11,988,809                                 | 63,856,568                             | 38,922,549       |                           |
| 26 | 2049  | 40,853,359                                                      | (1,319,359)     | 5,416,585                        | -                                                         | (235,087)                        | -                                                                              | 251,082                              | -               | 8,936,081                               | 12,083,278                                 | 65,985,939                             | 39,431,830       |                           |
| 27 | 2050  | 42,804,311                                                      | (1,331,365)     | 5,580,270                        | -                                                         | (238,614)                        | -                                                                              | 254,579                              | -               | 8,873,394                               | 12,178,492                                 | 68,121,067                             | 39,909,547       |                           |
| 28 | 2051  | 44,765,866                                                      | (1,343,481)     | 5,748,772                        | -                                                         | (242,193)                        | -                                                                              | 258,124                              | -               | 8,811,147                               | 12,274,455                                 | 70,272,691                             | 40,362,846       |                           |
| 29 | 2052  | 46,716,818                                                      | (1,355,706)     | 5,922,233                        | -                                                         | (245,826)                        | -                                                                              | 261,716                              | -               | 8,749,337                               | 12,371,175                                 | 72,419,747                             | 40,780,451       |                           |
| 30 | 2053  | 48,667,770                                                      | (1,368,043)     | 6,100,794                        | -                                                         | (249,513)                        | -                                                                              | 265,358                              | -               | 8,687,960                               | 12,468,657                                 | 74,572,984                             | 41,169,573       |                           |
| 31 | 2054  | 50,608,119                                                      | (1,380,492)     | 6,284,604                        | -                                                         | (253,256)                        | -                                                                              | 269,050                              | -               | 8,627,014                               | 12,566,908                                 | 76,721,947                             | 41,525,444       |                           |
| 32 | 2055  | 52,527,262                                                      | (1,393,055)     | 6,473,815                        | -                                                         | (257,055)                        | -                                                                              | 272,792                              | -               | 8,566,496                               | 12,665,932                                 | 78,856,187                             | 41,843,719       |                           |
| 33 | 2056  | 54,425,199                                                      | (1,405,732)     | 6,668,582                        | -                                                         | (260,911)                        | -                                                                              | 276,585                              | -               | 8,506,402                               | 12,765,737                                 | 80,975,862                             | 42,125,970       |                           |
| 34 | 2057  | 56,291,327                                                      | (1,418,524)     | 6,869,066                        | -                                                         | (264,824)                        | -                                                                              | 280,429                              | -               | 8,446,729                               | 12,866,328                                 | 83,070,532                             | 42,368,311       |                           |
| 35 | 2058  | 58,125,646                                                      | (1,431,432)     | 7,075,433                        | -                                                         | (268,797)                        | -                                                                              | 284,327                              | -               | 8,387,476                               | 12,967,712                                 | 85,140,364                             | 42,572,533       |                           |
| 36 | 2059  | 59,917,553                                                      | (1,444,458)     | 7,287,852                        | -                                                         | (272,828)                        | -                                                                              | 288,277                              | -               | 8,328,637                               | 13,069,894                                 | 87,174,926                             | 42,735,167       |                           |
| 37 | 2060  | 85,046,663                                                      | (786,227)       | 25,606,015                       | -                                                         | (276,921)                        | (16,554,916)                                                                   | 1,075,074                            | -               | 8,270,212                               | 13,172,882                                 | 115,552,782                            | 55,535,930       |                           |
| 38 | 2061  | 87,888,267                                                      | (794,326)       | 26,305,520                       | -                                                         | (281,075)                        | -                                                                              | 1,089,958                            | -               | 8,212,196                               | 13,276,682                                 | 135,697,222                            | 63,938,793       |                           |
| 39 | 2062  | 90,729,871                                                      | (802,507)       | 27,024,163                       | -                                                         | (285,291)                        | -                                                                              | 1,105,047                            | -               | 8,154,588                               | 13,381,299                                 | 139,307,170                            | 64,352,700       |                           |
| 40 | 2063  | 93,571,475                                                      | (810,773)       | 27,762,467                       | -                                                         | (289,570)                        | -                                                                              | 1,120,346                            | -               | 8,097,383                               | 13,486,740                                 | 142,938,069                            | 64,735,281       |                           |
| 41 | 2064  | 96,402,476                                                      | (819,124)       | 28,520,972                       | -                                                         | (293,914)                        | -                                                                              | 1,135,858                            | -               | 8,040,580                               | 13,593,013                                 | 146,579,861                            | 65,082,955       |                           |
| 42 | 2065  | 99,222,874                                                      | (827,561)       | 29,300,231                       | -                                                         | (298,322)                        | -                                                                              | 1,151,584                            | -               | 7,984,176                               | 13,700,123                                 | 150,233,104                            | 65,397,090       |                           |
| 43 | 2066  | 102,000,860                                                     | (836,085)       | 30,100,813                       | -                                                         | (302,797)                        | -                                                                              | 1,167,528                            | -               | 7,928,167                               | 13,808,077                                 | 153,866,562                            | 65,665,441       |                           |
| 44 | 2067  | 104,736,434                                                     | (844,696)       | 30,923,302                       | -                                                         | (307,339)                        | -                                                                              | 1,183,694                            | -               | 7,872,551                               | 13,916,881                                 | 157,480,826                            | 65,890,094       |                           |
| 45 | 2068  | 107,408,390                                                     | (853,397)       | 31,768,298                       | -                                                         | (311,949)                        | -                                                                              | 1,200,084                            | -               | 7,817,325                               | 14,026,543                                 | 161,055,293                            | 66,064,366       |                           |
| 46 | 2069  | 110,016,728                                                     | (862,187)       | 32,636,419                       | -                                                         | (316,629)                        | -                                                                              | 1,216,701                            | -               | 7,762,486                               | 14,137,069                                 | 164,590,588                            | 66,190,718       |                           |
| 47 | 2070  | 112,529,639                                                     | (871,067)       | 33,528,298                       | -                                                         | (321,378)                        | -                                                                              | 1,233,549                            | -               | 7,708,032                               | 14,248,466                                 | 168,055,538                            | 66,258,982       |                           |
| 48 | 2071  | 114,936,520                                                     | (880,039)       | 34,444,586                       | -                                                         | (326,199)                        | -                                                                              | 1,250,630                            | -               | 7,653,960                               | 14,360,741                                 | 171,440,199                            | 66,268,085       |                           |
| 49 | 2072  | 117,205,562                                                     | (889,104)       | 35,385,953                       | -                                                         | (331,092)                        | -                                                                              | 1,267,949                            | -               | 7,600,268                               | 14,473,900                                 | 174,713,436                            | 66,209,131       |                           |
| 50 | 2073  | 119,326,162                                                     | (898,262)       | 36,353,085                       | -                                                         | (336,058)                        | -                                                                              | 1,285,507                            | -               | 7,546,952                               | 14,587,951                                 | 177,865,338                            | 66,081,932       |                           |
| 51 | 2074  | 121,277,114                                                     | (907,514)       | 37,346,690                       | -                                                         | (341,099)                        | (11,712,511)                                                                   | 1,303,309                            | -               | 7,494,010                               | 14,702,901                                 | 169,162,901                            | 61,616,406       |                           |
| 52 | 2075  |                                                                 |                 |                                  | -                                                         |                                  |                                                                                |                                      |                 | 7,441,440                               | 14,240,788                                 | 21,682,228                             | 7,742,745        |                           |
|    | Total | \$ 2,699,078,474                                                | \$ (61,103,512) | \$ 445,950,580                   | \$ (28,865,971)                                           | \$ (11,948,770)                  | \$ (64,224,474)                                                                | \$ (9,519,023)                       | \$ (12,620,800) | \$ 247,693,804                          | \$ 376,515,255                             | \$ 3,580,955,563                       | \$ 1,661,200,849 |                           |

| Present Value Benefits    |                           |                           | Present Value Benefits Using WebTAG Discount Schedule                      |                                              |                                 |                                     |                                  |                                                           |                                  |                                                                                |                                      |                                     |                                         |
|---------------------------|---------------------------|---------------------------|----------------------------------------------------------------------------|----------------------------------------------|---------------------------------|-------------------------------------|----------------------------------|-----------------------------------------------------------|----------------------------------|--------------------------------------------------------------------------------|--------------------------------------|-------------------------------------|-----------------------------------------|
| Total Benefits Discounted | Total Benefits Discounted | Total Benefits Discounted | WebTAG Discount Schedule - Health Impacts (noise and non carbon emissions) | WebTAG Discount Schedule - All other Impacts | Traffic Benefits                | Noise Benefits                      | Traffic-Related Carbon Emissions | Estimated Peat Removal Carbon Emissions from Construction | Annual Carbon Sequestration Loss | Bulk Material, Construction Tailpipe, and Commuter/Delivery Tailpipe Emissions | Traffic-Related Non-Carbon Emissions | Amenity Loss                        | Electric Cost Savings from Solar Canopy |
| 3%                        | 3.5%                      | 5%                        |                                                                            |                                              | Years 0-30 3.5%; Years 31-75 3% | Years 0-30 1.5% ; Years 31-75 1.29% | Years 0-30 3.5%; Years 31-75 3%  | Years 0-30 3.5%; Years 31-75 3%                           | Years 0-30 3.5%; Years 31-75 3%  | Years 0-30 3.5%; Years 31-75 3%                                                | Years 0-30 3.5%; Years 31-75 3%      | Years 0-30 1.5% ; Years 31-75 1.29% | Years 0-30 3.5%; Years 31-75 3%         |
| 3%                        | 3.5%                      | 5%                        |                                                                            |                                              |                                 |                                     |                                  |                                                           |                                  |                                                                                |                                      |                                     |                                         |
| 0                         | 0                         | 0                         | 1.50%                                                                      | 3.5%                                         | -                               | -                                   | -                                | -                                                         | -                                | -                                                                              | -                                    | -                                   | -                                       |
| 0                         | 0                         | 0                         | 1.50%                                                                      | 3.5%                                         | -                               | -                                   | -                                | -                                                         | -                                | -                                                                              | -                                    | -                                   | -                                       |
| -69,591,818               | -68,588,105               | -65,690,408               | 1.50%                                                                      | 3.5%                                         | (6,034,441)                     | (1,055,506)                         | (8,847,025)                      | (26,035,452)                                              | (150,079)                        | (11,817,455)                                                                   | (3,525,368)                          | (11,383,238)                        |                                         |
| -17,345,372               | -17,012,617               | -16,061,101               | 1.50%                                                                      | 3.5%                                         | (3,612,802)                     | (1,074,953)                         | (8,916,069)                      | -                                                         | (147,212)                        | -                                                                              | (3,613,612)                          | -                                   | -                                       |
| -14,782,589               | -14,428,955               | -13,427,345               | 1.50%                                                                      | 3.5%                                         | (955,236)                       | (1,094,757)                         | (8,985,112)                      | -                                                         | (144,400)                        | -                                                                              | (3,694,653)                          | -                                   | -                                       |
| -11,911,274               | -11,570,163               | -10,613,186               | 1.50%                                                                      | 3.5%                                         | 1,983,876                       | (1,114,926)                         | (9,054,137)                      | -                                                         | (141,642)                        | -                                                                              | (3,784,656)                          | -                                   | -                                       |
| -8,664,671                | -8,375,876                | -7,573,342                | 1.50%                                                                      | 3.5%                                         | 5,250,333                       | (1,135,467)                         | (9,123,125)                      | -                                                         | (138,936)                        | -                                                                              | (3,867,407)                          | -                                   | -                                       |
| -4,916,599                | -4,729,768                | -4,215,491                | 1.50%                                                                      | 3.5%                                         | 8,913,609                       | (1,156,387)                         | (9,192,058)                      | -                                                         | (136,282)                        | -                                                                              | (3,887,658)                          | -                                   | -                                       |
| -665,662                  | -637,273                  | -559,867                  | 1.50%                                                                      | 3.5%                                         | 13,023,301                      | (1,177,692)                         | (9,260,919)                      | -                                                         | (133,679)                        | -                                                                              | (3,907,265)                          | -                                   | -                                       |
| 4,192,072                 | 3,993,903                 | 3,458,661                 | 1.50%                                                                      | 3.5%                                         | 17,671,682                      | (1,199,389)                         | (9,329,687)                      | -                                                         | (131,125)                        | -                                                                              | (3,926,195)                          | -                                   | -                                       |
| 9,768,464                 | 9,261,725                 | 7,905,939                 | 1.50%                                                                      | 3.5%                                         | 22,956,697                      | (1,221,486)                         | (9,398,342)                      | -                                                         | (128,620)                        | -                                                                              | (3,944,416)                          | -                                   | -                                       |
| 16,203,439                | 15,288,669                | 12,864,185                | 1.50%                                                                      | 3.5%                                         | 29,000,799                      | (1,243,991)                         | (9,466,864)                      | -                                                         | (126,163)                        | -                                                                              | (3,961,892)                          | -                                   | -                                       |
| 7,419,812                 | 6,967,103                 | 5,778,511                 | 1.50%                                                                      | 3.5%                                         | 14,786,312                      | (1,219,849)                         | 680,250                          | -                                                         | (123,753)                        | (8,081,518)                                                                    | 840,716                              | -                                   | -                                       |
| 16,805,508                | 15,703,913                | 12,838,746                | 1.50%                                                                      | 3.5%                                         | 15,419,501                      | (1,230,064)                         | 692,263                          | -                                                         | (121,389)                        | -                                                                              | 853,615                              | -                                   | -                                       |
| 17,649,966                | 16,413,341                | 13,227,042                | 1.50%                                                                      | 3.5%                                         | 16,106,875                      | (1,240,365)                         | 704,413                          | -                                                         | (119,070)                        | -                                                                              | 866,661                              | -                                   | -                                       |
| 18,571,644                | 17,187,011                | 13,652,656                | 1.50%                                                                      | 3.5%                                         | 16,858,539                      | (1,250,753)                         | 716,702                          | -                                                         | (116,795)                        | -                                                                              | 879,855                              | -                                   | -                                       |
| 19,561,325                | 18,015,452                | 14,106,297                | 1.50%                                                                      | 3.5%                                         | 17,665,015                      | (1,261,227)                         | 729,130                          | -                                                         | (114,564)                        | -                                                                              | 893,200                              | -                                   | -                                       |
| 20,628,911                | 18,906,888                | 14,592,811                | 1.50%                                                                      | 3.5%                                         | 18,534,666                      | (1,271,789)                         | 741,533                          | -                                                         | (112,350)                        | -                                                                              | 906,696                              | -                                   | -                                       |
| 21,776,940                | 19,862,663                | 15,111,495                | 1.50%                                                                      | 3.5%                                         | 19,468,694                      | (1,282,439)                         | 754,073                          | -                                                         | (110,179)                        | -                                                                              | 920,346                              | -                                   | -                                       |
| 23,007,020                | 20,883,239                | 15,660,978                | 1.50%                                                                      | 3.5%                                         | 20,467,560                      | (1,293,179)                         | 766,750                          | -                                                         | (108,050)                        | -                                                                              | 934,150                              | -                                   | -                                       |
| 24,325,748                | 21,973,568                | 16,243,240                | 1.50%                                                                      | 3.5%                                         | 21,536,210                      | (1,304,009)                         | 779,566                          | -                                                         | (105,962)                        | -                                                                              | 948,111                              | -                                   | -                                       |
| 15,001,028                | 13,485,041                | 9,825,969                 | 1.50%                                                                      | 3.5%                                         | 22,673,334                      | (1,314,929)                         | 792,523                          | -                                                         | (103,915)                        | -                                                                              | 962,230                              | -                                   | -                                       |
| 25,051,495                | 22,411,027                | 16,096,666                | 1.50%                                                                      | 3.5%                                         | 15,884,450                      | (911,678)                           | 2,245,171                        | -                                                         | (101,907)                        | (4,630,623)                                                                    | 171,028                              | -                                   | 4,137,052                               |
| 30,373,673                | 27,040,973                | 19,144,654                | 1.50%                                                                      | 3.5%                                         | 16,187,797                      | (906,378)                           | 2,234,953                        | -                                                         | (99,938)                         | -                                                                              | 170,849                              | -                                   | 3,969,112                               |
| 30,498,253                | 27,020,714                | 18,857,022                | 1.50%                                                                      | 3.5%                                         | 16,461,436                      | (901,110)                           | 2,224,731                        | -                                                         | (98,006)                         | -                                                                              | 170,670                              | -                                   | 3,807,989                               |
| 30,597,332                | 26,977,538                | 18,557,934                | 1.50%                                                                      | 3.5%                                         | 16,702,392                      | (895,872)                           | 2,214,504                        | -                                                         | (96,113)                         | -                                                                              | 170,490                              | -                                   | 3,653,406                               |
| 30,667,359                | 26,908,655                | 18,246,113                | 1.50%                                                                      | 3.5%                                         | 16,908,227                      | (890,664)                           | 2,204,275                        | -                                                         | (94,255)                         | -                                                                              | 170,310                              | -                                   | 3,505,099                               |
| 30,714,560                | 26,819,878                | 17,926,116                | 1.50%                                                                      | 3.5%                                         | 17,085,087                      | (885,487)                           | 2,194,044                        | -                                                         | (92,434)                         | -                                                                              | 170,129                              | -                                   | 3,362,813                               |
| 30,731,056                | 26,704,648                | 17,594,111                | 1.50%                                                                      | 3.5%                                         | 17,226,740                      | (880,340)                           | 2,183,812                        | -                                                         | (90,648)                         | -                                                                              | 169,948                              | -                                   | 3,226,302                               |
| 30,723,082                | 26,568,744                | 17,254,507                | 1.50%                                                                      | 3.5%                                         | 17,339,276                      | (875,223)                           | 2,173,581                        | -                                                         | (88,896)                         | -                                                                              | 169,766                              | -                                   | 3,095,333                               |
| 30,687,792                | 26,410,022                | 16,906,408                | 1.29%                                                                      | 3.0%                                         | 20,242,597                      | (927,834)                           | 2,513,761                        | -                                                         | (101,299)                        | -                                                                              | 180,829                              | -                                   | 3,450,695                               |
| 30,622,778                | 26,226,756                | 16,549,246                | 1.29%                                                                      | 3.0%                                         | 20,398,281                      | (924,353)                           | 2,514,022                        | -                                                         | (99,824)                         | -                                                                              | 181,009                              | -                                   | 3,326,688                               |
| 30,530,025                | 26,021,003                | 16,184,851                | 1.29%                                                                      | 3.0%                                         | 20,519,729                      | (920,885)                           | 2,514,230                        | -                                                         | (98,370)                         | -                                                                              | 181,189                              | -                                   | 3,207,137                               |
| 30,407,544                | 25,791,411                | 15,812,874                | 1.29%                                                                      | 3.0%                                         | 20,605,153                      | (917,431)                           | 2,514,387                        | -                                                         | (96,938)                         | -                                                                              | 181,368                              | -                                   | 3,091,882                               |
| 30,257,472                | 25,540,139                | 15,435,121                | 1.29%                                                                      | 3.0%                                         | 20,656,890                      | (913,989)                           | 2,514,491                        | -                                                         | (95,526)                         | -                                                                              | 181,546                              | -                                   | 2,980,770                               |
| 30,078,176                | 25,266,146                | 15,051,397                | 1.29%                                                                      | 3.0%                                         | 20,673,499                      | (910,560)                           | 2,514,545                        | -                                                         | (94,135)                         | -                                                                              | 181,724                              | -                                   | 2,873,650                               |
| 38,708,210                | 32,358,432                | 19,000,995                | 1.29%                                                                      | 3.0%                                         | 28,489,181                      | (489,311)                           | 8,577,578                        | -                                                         | (92,764)                         | (5,545,614)                                                                    | 669,076                              | -                                   | 2,770,380                               |
| 44,132,286                | 36,714,504                | 21,250,913                | 1.29%                                                                      | 3.0%                                         | 28,583,563                      | (488,055)                           | 8,555,243                        | -                                                         | (91,413)                         | -                                                                              | 669,699                              | -                                   | 2,670,821                               |
| 43,986,733                | 36,416,636                | 20,777,381                | 1.29%                                                                      | 3.0%                                         | 28,648,278                      | (486,802)                           | 8,532,975                        | -                                                         | (90,082)                         | -                                                                              | 670,324                              | -                                   | 2,574,840                               |
| 43,818,643                | 36,102,221                | 20,303,736                | 1.29%                                                                      | 3.0%                                         | 28,684,976                      | (485,553)                           | 8,510,774                        | -                                                         | (88,770)                         | -                                                                              | 670,949                              | -                                   | 2,482,308                               |
| 43,626,271                | 35,770,084                | 19,829,558                | 1.29%                                                                      | 3.0%                                         | 28,692,076                      | (484,306)                           | 8,488,640                        | -                                                         | (87,477)                         | -                                                                              | 671,575                              | -                                   | 2,393,102                               |
| 43,411,241                | 35,421,826                | 19,355,976                | 1.29%                                                                      | 3.0%                                         | 28,671,365                      | (483,063)                           | 8,466,572                        | -                                                         | (86,203)                         | -                                                                              | 672,202                              | -                                   | 2,307,101                               |
| 43,166,177                | 35,051,710                | 18,880,104                | 1.29%                                                                      | 3.0%                                         | 28,615,621                      | (481,823)                           | 8,444,570                        | -                                                         | (84,948)                         | -                                                                              | 672,829                              | -                                   | 2,224,191                               |
| 42,893,333                | 34,661,894                | 18,403,419                | 1.29%                                                                      | 3.0%                                         | 28,527,249                      | (480,586)                           | 8,422,635                        | -                                                         | (83,711)                         | -                                                                              | 673,458                              | -                                   | 2,144,261                               |
| 42,589,240                | 34,249,896                | 17,924,892                | 1.29%                                                                      | 3.0%                                         | 28,402,927                      | (479,353)                           | 8,400,765                        | -                                                         | (82,491)                         | -                                                                              | 674,087                              | -                                   | 2,067,203                               |
| 42,256,416                | 33,818,077                | 17,446,055                | 1.29%                                                                      | 3.0%                                         | 28,245,313                      | (478,122)                           | 8,378,961                        | -                                                         | (81,290)                         | -                                                                              | 674,717                              | -                                   | 1,992,914                               |
| 41,889,316                | 33,362,331                | 16,965,075                | 1.29%                                                                      | 3.0%                                         | 28,048,999                      | (476,895)                           | 8,357,222                        | -                                                         | (80,106)                         | -                                                                              | 675,348                              | -                                   | 1,921,295                               |
| 41,488,323                | 32,883,336                | 16,482,622                | 1.29%                                                                      | 3.0%                                         | 27,814,500                      | (475,671)                           | 8,335,549                        | -                                                         | (78,940)                         | -                                                                              | 675,979                              | -                                   | 1,852,249                               |
| 41,048,973                | 32,377,936                | 15,997,446                | 1.29%                                                                      | 3.0%                                         | 27,537,481                      | (474,450)                           | 8,313,940                        | -                                                         | (77,790)                         | -                                                                              | 676,612                              | -                                   | 1,785,685                               |
| 40,572,343                | 31,847,389                | 15,510,520                | 1.29%                                                                      | 3.0%                                         | 27,219,142                      | (473,232)                           | 8,292,396                        | -                                                         | (76,657)                         | -                                                                              | 677,245                              | -                                   | 1,721,513                               |
| 37,463,355                | 29,264,916                | 14,049,177                | 1.29%                                                                      | 3.0%                                         | 26,858,416                      | (472,017)                           | 8,270,917                        | -                                                         | (75,541)                         | (2,593,890)                                                                    | 677,879                              | -                                   | 1,659,647                               |
| 4,661,956                 | 3,624,146                 | 1,714,985                 | 1.29%                                                                      | 3.0%                                         |                                 | -                                   |                                  | -                                                         |                                  | -                                                                              | -                                    | -                                   | 1,600,005                               |
| \$ 1,144,687,302          | \$ 952,232,750            | \$ 550,635,665            |                                                                            |                                              | \$ 951,645,165                  | \$ (44,014,202)                     | \$ 74,893,109                    | \$ (26,035,452)                                           | \$ (5,120,636)                   | \$ (32,669,100)                                                                | \$ (16,554,705)                      | \$ (11,383,238)                     | \$ 81,855,440                           |

| Carbon Emissions Savings from Solar Canopy | Total Benefits w/ Solar |
|--------------------------------------------|-------------------------|
| Years 0-30 3.5%;<br>Years 31-75 3%         | WebTAG                  |
| -                                          | -                       |
| -                                          | -                       |
| -                                          | (68,848,565)            |
| -                                          | (17,364,648)            |
| -                                          | (14,874,159)            |
| -                                          | (12,111,484)            |
| -                                          | (9,014,602)             |
| -                                          | (5,458,776)             |
| -                                          | (1,456,253)             |
| -                                          | 3,085,287               |
| -                                          | 8,263,834               |
| -                                          | 14,201,890              |
| -                                          | 6,882,159               |
| -                                          | 15,613,926              |
| -                                          | 16,318,514              |
| -                                          | 17,087,548              |
| -                                          | 17,911,554              |
| -                                          | 18,798,756              |
| -                                          | 19,750,494              |
| -                                          | 20,767,231              |
| -                                          | 21,853,917              |
| (9,647,303)                                | 13,361,941              |
| 5,349,714                                  | 22,143,206              |
| 5,209,534                                  | 26,765,929              |
| 5,073,028                                  | 26,738,738              |
| 4,940,099                                  | 26,688,908              |
| 4,810,653                                  | 26,613,644              |
| 4,684,599                                  | 26,518,751              |
| 4,561,848                                  | 26,397,663              |
| 4,442,313                                  | 26,256,151              |
| 5,026,602                                  | 30,385,350              |
| 4,918,650                                  | 30,314,473              |
| 4,813,018                                  | 30,216,047              |
| 4,709,654                                  | 30,088,075              |
| 4,608,509                                  | 29,932,692              |
| 4,509,537                                  | 29,748,261              |
| 4,412,691                                  | 38,791,216              |
| 4,317,924                                  | 44,217,783              |
| 4,225,193                                  | 44,074,726              |
| 4,134,453                                  | 43,909,137              |
| 4,045,661                                  | 43,719,271              |
| 3,958,777                                  | 43,506,750              |
| 3,873,758                                  | 43,264,199              |
| 3,790,566                                  | 42,993,871              |
| 3,709,160                                  | 42,692,297              |
| 3,629,502                                  | 42,361,994              |
| 3,551,555                                  | 41,997,417              |
| 3,475,282                                  | 41,598,949              |
| 3,400,647                                  | 41,162,125              |
| 3,327,615                                  | 40,688,022              |
| 3,256,151                                  | 37,581,562              |
| 3,061,952                                  | 4,661,956               |
| \$ 118,181,343                             | \$ 1,090,797,725        |

# Appendix M.2 – Cost-Benefit Analysis Results Excellent Fit Excluding Solar Array

| TAG Discounting (3.5% for 30 years then 3.0%) |                |                |                       |
|-----------------------------------------------|----------------|----------------|-----------------------|
| Benefits PV                                   |                |                |                       |
|                                               | USD            | CID            |                       |
| Proposed - No Build Low Growth                | \$ 704,431,515 | \$ 591,959,256 |                       |
| Proposed - No Build Medium Growth             | \$ 890,760,941 | \$ 748,538,606 |                       |
| Costs PV                                      |                |                |                       |
|                                               | USD            | CID            |                       |
| Proposed - No Build                           | \$ 584,230,077 | \$ 490,949,645 |                       |
| NPV (Benefits - Costs)                        |                |                |                       |
|                                               | USD            | CID            | Benefit to Cost Ratio |
| Proposed - No Build Low Growth                | \$ 120,201,438 | \$ 101,009,612 | 1.2                   |
| Proposed - No Build Medium Growth             | \$ 306,530,864 | \$ 257,588,962 | 1.5                   |

WebTAG Discounting Values

\*Negative values are shown in parenthesis within this appendix

| 5% Discounting                    |                  |                 |                       |
|-----------------------------------|------------------|-----------------|-----------------------|
| Benefits PV                       |                  |                 |                       |
|                                   | USD              | CID             |                       |
| Proposed - No Build Low Growth    | \$ 371,595,132   | \$ 312,264,817  |                       |
| Proposed - No Build Medium Growth | \$ 445,500,258   | \$ 374,369,965  |                       |
| Costs PV                          |                  |                 |                       |
|                                   | USD              | CID             |                       |
| Proposed - No Build               | \$ 479,943,778   | \$ 403,314,099  |                       |
| NPV (Benefits - Costs)            |                  |                 |                       |
|                                   | USD              | CID             | Benefit to Cost Ratio |
| Proposed - No Build Low Growth    | \$ (108,348,646) | \$ (91,049,282) | 0.8                   |
| Proposed - No Build Medium Growth | \$ (34,443,520)  | \$ (28,944,134) | 0.9                   |

| 2% Discounting                    |                  |                  |                       |
|-----------------------------------|------------------|------------------|-----------------------|
| Benefits PV                       |                  |                  |                       |
|                                   | USD              | CID              |                       |
| Proposed - No Build Low Growth    | \$ 1,091,490,594 | \$ 917,218,986   |                       |
| Proposed - No Build Medium Growth | \$ 1,364,043,046 | \$ 1,146,254,661 |                       |
| Costs PV                          |                  |                  |                       |
|                                   | USD              | CID              |                       |
| Proposed - No Build               | \$ 699,539,852   | \$ 587,848,615   |                       |
| NPV (Benefits - Costs)            |                  |                  |                       |
|                                   | USD              | CID              | Benefit to Cost Ratio |
| Proposed - No Build Low Growth    | \$ 391,950,742   | \$ 329,370,371   | 1.6                   |
| Proposed - No Build Medium Growth | \$ 664,503,194   | \$ 558,406,046   | 1.9                   |

Sensitivity Analysis Discounting Values

| Summary of Estimated Construction and Maintenance Costs (2024 US Dollars) |              |                                    |                                   |                                                  |            |                                           |
|---------------------------------------------------------------------------|--------------|------------------------------------|-----------------------------------|--------------------------------------------------|------------|-------------------------------------------|
|                                                                           |              | New Construction w/<br>Contingency | Rehab Construction w/ Contingency | Terrestrial Ecology<br>Mitigation w/ Contingency | ROW        | Total Road Cost By<br>Year w/ Contingency |
| Proposed Project<br>minus No Build<br>Summary                             | 2024 Totals: |                                    |                                   |                                                  | 20,334,257 | 20,334,257                                |
|                                                                           | 2026 Totals: | 262,825,877                        | (18,852,741)                      | 15,585,732                                       |            | 259,558,868                               |
|                                                                           | 2036 Totals: | 158,054,597                        | 109,512,353                       | 9,351,439                                        |            | 276,918,389                               |
|                                                                           | 2046 Totals: | 96,596,762                         | 56,055,494                        | 3,117,146                                        |            | 155,769,403                               |
|                                                                           | 2060 Totals: | 71,059,125                         | 125,197,938                       | 3,117,146                                        |            | 199,374,210                               |
|                                                                           | 2074 Totals: | 14,429,616                         | 57,900,536                        | -                                                |            | 72,330,152                                |
|                                                                           | Total        | 602,965,977                        | 329,813,580                       | 31,171,464                                       | 20,334,257 | 984,285,278                               |

| Summary of Estimated Construction and Maintenance Costs (2024 CI Dollars) |              |                                    |                                   |                                                  |            |                                           |
|---------------------------------------------------------------------------|--------------|------------------------------------|-----------------------------------|--------------------------------------------------|------------|-------------------------------------------|
|                                                                           |              | New Construction w/<br>Contingency | Rehab Construction w/ Contingency | Terrestrial Ecology<br>Mitigation w/ Contingency | ROW        | Total Road Cost By<br>Year w/ Contingency |
| Proposed Project<br>minus No Build<br>Summary                             | 2024 Totals: | -                                  | -                                 | -                                                | 17,087,611 | 17,087,611                                |
|                                                                           | 2026 Totals: | 220,862,081                        | (15,842,640)                      | 13,097,254                                       | -          | 218,116,695                               |
|                                                                           | 2036 Totals: | 132,818,989                        | 92,027,188                        | 7,858,352                                        | -          | 232,704,529                               |
|                                                                           | 2046 Totals: | 81,173,749                         | 47,105,457                        | 2,619,451                                        | -          | 130,898,658                               |
|                                                                           | 2060 Totals: | 59,713,550                         | 105,208,352                       | 2,619,451                                        | -          | 167,541,353                               |
|                                                                           | 2074 Totals: | 12,125,728                         | 48,655,912                        | -                                                | -          | 60,781,640                                |
|                                                                           | Total        | 506,694,098                        | 277,154,269                       | 26,194,508                                       | 17,087,611 | 827,130,486                               |

Proposed Project minus No-Build Costs (USD)

|                                         | N  | Year  | Cost Categories: all values in constant US 2024 \$  |                                                       |               |                                                |                                   |                | Present Value Costs    |                        |                        |                        | Present Value Costs Using WebTAG Discount Schedule |                                                  |
|-----------------------------------------|----|-------|-----------------------------------------------------|-------------------------------------------------------|---------------|------------------------------------------------|-----------------------------------|----------------|------------------------|------------------------|------------------------|------------------------|----------------------------------------------------|--------------------------------------------------|
|                                         |    |       | New Construction<br>Cost Subtotal w/<br>Contingency | Rehab Construction<br>Cost Subtotal w/<br>Contingency | ROW Cost      | Potential Mitigation<br>Cost w/<br>Contingency | Total Road Cost w/<br>Contingency | Total Cost     | Total Costs Discounted | Total Costs Discounted | Total Costs Discounted | Total Costs Discounted | WebTAG Discount Schedule                           | New Construction Cost<br>Subtotal w/ Contingency |
|                                         |    |       |                                                     |                                                       |               |                                                |                                   |                |                        |                        |                        |                        |                                                    | Years 0-30 3.5%; Years 31-75<br>3%               |
| B3-No Build<br>with Will T<br>Connector | 1  | 2024  | -                                                   | -                                                     | 20,334,257    | -                                              | 20,334,257                        | 20,334,257     | 19,935,546             | 19,741,997             | 19,646,625             | 19,365,959             | 3.5%                                               | -                                                |
|                                         | 2  | 2025  | -                                                   | -                                                     | -             | -                                              | -                                 | -              | -                      | -                      | -                      | -                      | 3.5%                                               | -                                                |
|                                         | 3  | 2026  | 262,825,877                                         | (18,852,741)                                          | -             | 15,585,732                                     | 259,558,868                       | 259,558,868    | 244,588,118            | 237,533,133            | 234,107,227            | 224,216,709            | 3.5%                                               | 237,053,883                                      |
|                                         | 4  | 2027  | -                                                   | -                                                     | -             | -                                              | -                                 | -              | -                      | -                      | -                      | -                      | 3.5%                                               | -                                                |
|                                         | 5  | 2028  | -                                                   | -                                                     | -             | -                                              | -                                 | -              | -                      | -                      | -                      | -                      | 3.5%                                               | -                                                |
|                                         | 6  | 2029  | -                                                   | -                                                     | -             | -                                              | -                                 | -              | -                      | -                      | -                      | -                      | 3.5%                                               | -                                                |
|                                         | 7  | 2030  | -                                                   | -                                                     | -             | -                                              | -                                 | -              | -                      | -                      | -                      | -                      | 3.5%                                               | -                                                |
|                                         | 8  | 2031  | -                                                   | -                                                     | -             | -                                              | -                                 | -              | -                      | -                      | -                      | -                      | 3.5%                                               | -                                                |
|                                         | 9  | 2032  | -                                                   | -                                                     | -             | -                                              | -                                 | -              | -                      | -                      | -                      | -                      | 3.5%                                               | -                                                |
|                                         | 10 | 2033  | -                                                   | -                                                     | -             | -                                              | -                                 | -              | -                      | -                      | -                      | -                      | 3.5%                                               | -                                                |
|                                         | 11 | 2034  | -                                                   | -                                                     | -             | -                                              | -                                 | -              | -                      | -                      | -                      | -                      | 3.5%                                               | -                                                |
|                                         | 12 | 2035  | -                                                   | -                                                     | -             | -                                              | -                                 | -              | -                      | -                      | -                      | -                      | 3.5%                                               | -                                                |
|                                         | 13 | 2036  | 158,054,597                                         | 109,512,353                                           | -             | 9,351,439                                      | 276,918,389                       | 276,918,389    | 214,066,922            | 188,567,948            | 177,062,768            | 146,855,734            | 3.5%                                               | 101,060,766                                      |
|                                         | 14 | 2037  | -                                                   | -                                                     | -             | -                                              | -                                 | -              | -                      | -                      | -                      | -                      | 3.5%                                               | -                                                |
|                                         | 15 | 2038  | -                                                   | -                                                     | -             | -                                              | -                                 | -              | -                      | -                      | -                      | -                      | 3.5%                                               | -                                                |
|                                         | 16 | 2039  | -                                                   | -                                                     | -             | -                                              | -                                 | -              | -                      | -                      | -                      | -                      | 3.5%                                               | -                                                |
|                                         | 17 | 2040  | -                                                   | -                                                     | -             | -                                              | -                                 | -              | -                      | -                      | -                      | -                      | 3.5%                                               | -                                                |
|                                         | 18 | 2041  | -                                                   | -                                                     | -             | -                                              | -                                 | -              | -                      | -                      | -                      | -                      | 3.5%                                               | -                                                |
|                                         | 19 | 2042  | -                                                   | -                                                     | -             | -                                              | -                                 | -              | -                      | -                      | -                      | -                      | 3.5%                                               | -                                                |
|                                         | 20 | 2043  | -                                                   | -                                                     | -             | -                                              | -                                 | -              | -                      | -                      | -                      | -                      | 3.5%                                               | -                                                |
|                                         | 21 | 2044  | -                                                   | -                                                     | -             | -                                              | -                                 | -              | -                      | -                      | -                      | -                      | 3.5%                                               | -                                                |
|                                         | 22 | 2045  | -                                                   | -                                                     | -             | -                                              | -                                 | -              | -                      | -                      | -                      | -                      | 3.5%                                               | -                                                |
|                                         | 23 | 2046  | 96,596,762                                          | 56,055,494                                            | -             | 3,117,146                                      | 155,769,403                       | 155,769,403    | 98,782,088             | 78,927,071             | 70,608,032             | 50,714,048             | 3.5%                                               | 43,785,924                                       |
|                                         | 24 | 2047  | -                                                   | -                                                     | -             | -                                              | -                                 | -              | -                      | -                      | -                      | -                      | 3.5%                                               | -                                                |
|                                         | 25 | 2048  | -                                                   | -                                                     | -             | -                                              | -                                 | -              | -                      | -                      | -                      | -                      | 3.5%                                               | -                                                |
|                                         | 26 | 2049  | -                                                   | -                                                     | -             | -                                              | -                                 | -              | -                      | -                      | -                      | -                      | 3.5%                                               | -                                                |
|                                         | 27 | 2050  | -                                                   | -                                                     | -             | -                                              | -                                 | -              | -                      | -                      | -                      | -                      | 3.5%                                               | -                                                |
|                                         | 28 | 2051  | -                                                   | -                                                     | -             | -                                              | -                                 | -              | -                      | -                      | -                      | -                      | 3.5%                                               | -                                                |
|                                         | 29 | 2052  | -                                                   | -                                                     | -             | -                                              | -                                 | -              | -                      | -                      | -                      | -                      | 3.5%                                               | -                                                |
|                                         | 30 | 2053  | -                                                   | -                                                     | -             | -                                              | -                                 | -              | -                      | -                      | -                      | -                      | 3.5%                                               | -                                                |
|                                         | 31 | 2054  | -                                                   | -                                                     | -             | -                                              | -                                 | -              | -                      | -                      | -                      | -                      | 3.0%                                               | -                                                |
|                                         | 32 | 2055  | -                                                   | -                                                     | -             | -                                              | -                                 | -              | -                      | -                      | -                      | -                      | 3.0%                                               | -                                                |
|                                         | 33 | 2056  | -                                                   | -                                                     | -             | -                                              | -                                 | -              | -                      | -                      | -                      | -                      | 3.0%                                               | -                                                |
|                                         | 34 | 2057  | -                                                   | -                                                     | -             | -                                              | -                                 | -              | -                      | -                      | -                      | -                      | 3.0%                                               | -                                                |
|                                         | 35 | 2058  | -                                                   | -                                                     | -             | -                                              | -                                 | -              | -                      | -                      | -                      | -                      | 3.0%                                               | -                                                |
|                                         | 36 | 2059  | -                                                   | -                                                     | -             | -                                              | -                                 | -              | -                      | -                      | -                      | -                      | 3.0%                                               | -                                                |
|                                         | 37 | 2060  | 71,059,125                                          | 125,197,938                                           | -             | 3,117,146                                      | 199,374,210                       | 199,374,210    | 95,821,425             | 66,786,958             | 55,831,081             | 32,784,224             | 3.0%                                               | 23,803,594                                       |
|                                         | 38 | 2061  | -                                                   | -                                                     | -             | -                                              | -                                 | -              | -                      | -                      | -                      | -                      | 3.0%                                               | -                                                |
|                                         | 39 | 2062  | -                                                   | -                                                     | -             | -                                              | -                                 | -              | -                      | -                      | -                      | -                      | 3.0%                                               | -                                                |
|                                         | 40 | 2063  | -                                                   | -                                                     | -             | -                                              | -                                 | -              | -                      | -                      | -                      | -                      | 3.0%                                               | -                                                |
|                                         | 41 | 2064  | -                                                   | -                                                     | -             | -                                              | -                                 | -              | -                      | -                      | -                      | -                      | 3.0%                                               | -                                                |
|                                         | 42 | 2065  | -                                                   | -                                                     | -             | -                                              | -                                 | -              | -                      | -                      | -                      | -                      | 3.0%                                               | -                                                |
|                                         | 43 | 2066  | -                                                   | -                                                     | -             | -                                              | -                                 | -              | -                      | -                      | -                      | -                      | 3.0%                                               | -                                                |
|                                         | 44 | 2067  | -                                                   | -                                                     | -             | -                                              | -                                 | -              | -                      | -                      | -                      | -                      | 3.0%                                               | -                                                |
|                                         | 45 | 2068  | -                                                   | -                                                     | -             | -                                              | -                                 | -              | -                      | -                      | -                      | -                      | 3.0%                                               | -                                                |
|                                         | 46 | 2069  | -                                                   | -                                                     | -             | -                                              | -                                 | -              | -                      | -                      | -                      | -                      | 3.0%                                               | -                                                |
|                                         | 47 | 2070  | -                                                   | -                                                     | -             | -                                              | -                                 | -              | -                      | -                      | -                      | -                      | 3.0%                                               | -                                                |
|                                         | 48 | 2071  | -                                                   | -                                                     | -             | -                                              | -                                 | -              | -                      | -                      | -                      | -                      | 3.0%                                               | -                                                |
|                                         | 49 | 2072  | -                                                   | -                                                     | -             | -                                              | -                                 | -              | -                      | -                      | -                      | -                      | 3.0%                                               | -                                                |
|                                         | 50 | 2073  | -                                                   | -                                                     | -             | -                                              | -                                 | -              | -                      | -                      | -                      | -                      | 3.0%                                               | -                                                |
|                                         | 51 | 2074  | 14,429,616                                          | 57,900,536                                            | -             | -                                              | 72,330,152                        | 72,330,152     | 26,345,753             | 16,018,466             | 12,513,003             | 6,007,104              | 3.0%                                               | 3,195,629                                        |
|                                         | 52 | 2075  | -                                                   | -                                                     | -             | -                                              | -                                 | -              | -                      | -                      | -                      | -                      | 3.0%                                               | -                                                |
|                                         |    | Total | \$ 602,965,977                                      | \$ 329,813,580                                        | \$ 20,334,257 | \$ 31,171,464                                  | \$ 963,951,021                    | \$ 984,285,278 | \$ 699,539,852         | \$ 607,575,573         | \$ 569,768,737         | \$ 479,943,778         |                                                    | \$ 408,899,796                                   |



Proposed Project 2074 Low Growth Scenario minus No-Build Benefits (USD)

| N  | Year  | Undiscounted Benefit Categories: all values in constant 2024 \$ |                 |                                  |                                                           |                                  |                                                                                |                                      |                 |                                        | Present Value Benefits    |                           |                           |
|----|-------|-----------------------------------------------------------------|-----------------|----------------------------------|-----------------------------------------------------------|----------------------------------|--------------------------------------------------------------------------------|--------------------------------------|-----------------|----------------------------------------|---------------------------|---------------------------|---------------------------|
|    |       | Traffic Benefits                                                | Noise Benefits  | Traffic-Related Carbon Emissions | Estimated Peat Removal Carbon Emissions from Construction | Annual Carbon Sequestration Loss | Bulk Material, Construction Tailpipe, and Commuter/Delivery Tailpipe Emissions | Traffic-Related Non-Carbon Emissions | Amenity Loss    | Total Benefits no Solar (Undiscounted) | Total Benefits Discounted | Total Benefits Discounted | Total Benefits Discounted |
|    |       |                                                                 |                 |                                  |                                                           |                                  |                                                                                |                                      |                 |                                        | 2%                        | 3%                        | 3.5%                      |
| 1  | 2024  | -                                                               | -               | -                                | -                                                         | -                                | -                                                                              | -                                    | -               | -                                      | -                         | -                         | -                         |
| 2  | 2025  | -                                                               | -               | -                                | -                                                         | -                                | -                                                                              | -                                    | -               | -                                      | -                         | -                         | -                         |
| 3  | 2026  | (6,690,493)                                                     | (1,103,720)     | (9,808,855)                      | (28,865,971)                                              | (166,396)                        | (13,102,223)                                                                   | (3,686,401)                          | (12,620,800)    | (76,044,858)                           | (71,658,768)              | (69,591,818)              | (68,588,105)              |
| 4  | 2027  | (4,145,773)                                                     | (1,140,915)     | (10,231,395)                     | -                                                         | (168,930)                        | -                                                                              | (3,835,356)                          | -               | (19,522,369)                           | (18,035,651)              | (17,345,372)              | (17,012,617)              |
| 5  | 2028  | (1,134,521)                                                     | (1,179,364)     | (10,671,495)                     | -                                                         | (171,502)                        | -                                                                              | (3,980,190)                          | -               | (17,137,073)                           | (15,521,575)              | (14,782,589)              | (14,428,955)              |
| 6  | 2029  | 2,438,690                                                       | (1,219,109)     | (11,129,846)                     | -                                                         | (174,114)                        | -                                                                              | (4,138,306)                          | -               | (14,222,684)                           | (12,629,337)              | (11,911,274)              | (11,570,163)              |
| 7  | 2030  | 6,679,890                                                       | (1,260,193)     | (11,607,162)                     | -                                                         | (176,765)                        | -                                                                              | (4,292,222)                          | -               | (10,656,453)                           | (9,277,084)               | (8,664,671)               | (8,375,876)               |
| 8  | 2031  | 11,737,521                                                      | (1,302,661)     | (12,104,185)                     | -                                                         | (179,457)                        | -                                                                              | (4,379,418)                          | -               | (6,228,201)                            | (5,315,709)               | (4,916,599)               | (4,729,768)               |
| 9  | 2032  | 17,749,422                                                      | (1,346,561)     | (12,621,682)                     | -                                                         | (182,190)                        | -                                                                              | (4,467,527)                          | -               | (868,538)                              | (726,754)                 | (665,662)                 | (637,273)                 |
| 10 | 2033  | 24,927,653                                                      | (1,391,940)     | (13,160,444)                     | -                                                         | (184,965)                        | -                                                                              | (4,556,510)                          | -               | 5,633,794                              | 4,621,674                 | 4,192,072                 | 3,993,903                 |
| 11 | 2034  | 33,516,083                                                      | (1,438,848)     | (13,721,295)                     | -                                                         | (187,781)                        | -                                                                              | (4,646,320)                          | -               | 13,521,839                             | 10,875,115                | 9,768,464                 | 9,261,725                 |
| 12 | 2035  | 43,822,199                                                      | (1,487,338)     | (14,305,082)                     | -                                                         | (190,641)                        | -                                                                              | (4,736,910)                          | -               | 23,102,229                             | 18,215,950                | 16,203,439                | 15,288,669                |
| 13 | 2036  | 23,125,143                                                      | (1,480,350)     | 1,063,881                        | -                                                         | (193,544)                        | (12,639,139)                                                                   | 1,020,253                            | -               | 10,896,243                             | 8,423,151                 | 7,419,812                 | 6,967,103                 |
| 14 | 2037  | 24,959,462                                                      | (1,515,139)     | 1,120,562                        | -                                                         | (196,491)                        | -                                                                              | 1,051,445                            | -               | 25,419,839                             | 19,265,061                | 16,805,508                | 15,703,913                |
| 15 | 2038  | 26,984,635                                                      | (1,550,744)     | 1,180,137                        | -                                                         | (199,484)                        | -                                                                              | 1,083,527                            | -               | 27,498,071                             | 20,431,472                | 17,649,966                | 16,413,341                |
| 16 | 2039  | 29,232,471                                                      | (1,587,187)     | 1,242,751                        | -                                                         | (202,522)                        | -                                                                              | 1,116,524                            | -               | 29,802,037                             | 21,709,169                | 18,571,644                | 17,187,011                |
| 17 | 2040  | 31,702,970                                                      | (1,624,486)     | 1,308,552                        | -                                                         | (205,606)                        | -                                                                              | 1,150,460                            | -               | 32,331,891                             | 23,090,226                | 19,561,325                | 18,015,452                |
| 18 | 2041  | 34,427,941                                                      | (1,662,661)     | 1,377,390                        | -                                                         | (208,690)                        | -                                                                              | 1,185,361                            | -               | 35,119,341                             | 24,589,136                | 20,628,911                | 18,906,888                |
| 19 | 2042  | 37,428,590                                                      | (1,701,734)     | 1,449,706                        | -                                                         | (211,820)                        | -                                                                              | 1,221,254                            | -               | 38,185,995                             | 26,212,042                | 21,776,940                | 19,862,663                |
| 20 | 2043  | 40,726,123                                                      | (1,741,725)     | 1,525,671                        | -                                                         | (214,997)                        | -                                                                              | 1,258,165                            | -               | 41,553,237                             | 27,964,137                | 23,007,020                | 20,883,239                |
| 21 | 2044  | 44,352,349                                                      | (1,782,655)     | 1,605,464                        | -                                                         | (218,222)                        | -                                                                              | 1,296,122                            | -               | 45,253,058                             | 29,856,873                | 24,325,748                | 21,973,568                |
| 22 | 2045  | 48,328,474                                                      | (1,824,547)     | 1,689,272                        | -                                                         | (221,496)                        | -                                                                              | 1,335,155                            | -               | 49,306,858                             | 31,893,601                | 25,732,880                | 23,132,344                |
| 23 | 2046  | 35,042,915                                                      | (1,283,986)     | 4,953,104                        | -                                                         | (224,818)                        | (10,215,685)                                                                   | 240,872                              | -               | 28,512,401                             | 18,081,308                | 14,446,998                | 12,924,262                |
| 24 | 2047  | 37,587,635                                                      | (1,289,379)     | 5,047,244                        | -                                                         | (228,190)                        | -                                                                              | 241,941                              | -               | 41,359,250                             | 25,713,935                | 20,346,011                | 18,113,579                |
| 25 | 2048  | 40,174,767                                                      | (1,294,794)     | 5,143,365                        | -                                                         | (231,613)                        | -                                                                              | 242,977                              | -               | 44,034,701                             | 26,840,510                | 21,031,219                | 18,633,151                |
| 26 | 2049  | 42,783,105                                                      | (1,300,233)     | 5,241,512                        | -                                                         | (235,087)                        | -                                                                              | 244,020                              | -               | 46,733,317                             | 27,926,862                | 21,669,993                | 19,106,340                |
| 27 | 2050  | 45,433,855                                                      | (1,305,693)     | 5,341,730                        | -                                                         | (238,614)                        | -                                                                              | 245,071                              | -               | 49,476,348                             | 28,986,315                | 22,273,711                | 19,543,763                |
| 28 | 2051  | 48,116,414                                                      | (1,311,177)     | 5,444,066                        | -                                                         | (242,193)                        | -                                                                              | 246,129                              | -               | 52,253,239                             | 30,012,931                | 22,838,676                | 19,942,675                |
| 29 | 2052  | 50,830,782                                                      | (1,316,684)     | 5,548,569                        | -                                                         | (245,826)                        | -                                                                              | 247,194                              | -               | 55,064,035                             | 31,007,236                | 23,366,223                | 20,304,761                |
| 30 | 2053  | 53,587,562                                                      | (1,322,214)     | 5,655,286                        | -                                                         | (249,513)                        | -                                                                              | 248,267                              | -               | 57,919,387                             | 31,975,608                | 23,862,021                | 20,635,427                |
| 31 | 2054  | 56,376,151                                                      | (1,327,768)     | 5,764,268                        | -                                                         | (253,256)                        | -                                                                              | 249,347                              | -               | 60,808,743                             | 32,912,487                | 24,322,716                | 20,932,215                |
| 32 | 2055  | 59,207,152                                                      | (1,333,344)     | 5,875,567                        | -                                                         | (257,055)                        | -                                                                              | 250,435                              | -               | 63,742,755                             | 33,824,029                | 24,753,673                | 21,200,184                |
| 33 | 2056  | 62,069,962                                                      | (1,338,944)     | 5,989,235                        | -                                                         | (260,911)                        | -                                                                              | 251,531                              | -               | 66,710,872                             | 34,704,912                | 25,151,750                | 21,437,053                |
| 34 | 2057  | 64,964,581                                                      | (1,344,568)     | 6,105,325                        | -                                                         | (264,824)                        | -                                                                              | 252,634                              | -               | 69,713,148                             | 35,555,669                | 25,518,142                | 21,644,263                |
| 35 | 2058  | 67,912,215                                                      | (1,350,215)     | 6,223,892                        | -                                                         | (268,797)                        | -                                                                              | 253,745                              | -               | 72,770,840                             | 36,387,430                | 25,861,549                | 21,829,568                |
| 36 | 2059  | 70,891,658                                                      | (1,355,886)     | 6,344,994                        | -                                                         | (272,828)                        | -                                                                              | 254,863                              | -               | 75,862,801                             | 37,189,701                | 26,175,126                | 21,987,522                |
| 37 | 2060  | 89,521,129                                                      | (902,574)       | (24,252,821)                     | -                                                         | (276,921)                        | (16,554,916)                                                                   | (887,456)                            | -               | 46,646,440                             | 22,418,789                | 15,625,761                | 13,062,478                |
| 38 | 2061  | 93,073,134                                                      | (907,087)       | (24,788,654)                     | -                                                         | (281,075)                        | -                                                                              | (893,502)                            | -               | 66,202,816                             | 31,193,919                | 21,530,887                | 17,911,963                |
| 39 | 2062  | 96,720,566                                                      | (911,623)       | (25,336,211)                     | -                                                         | (285,291)                        | -                                                                              | (899,585)                            | -               | 69,287,856                             | 32,007,402                | 21,877,886                | 18,112,712                |
| 40 | 2063  | 100,452,822                                                     | (916,181)       | (25,895,748)                     | -                                                         | (289,570)                        | -                                                                              | (905,708)                            | -               | 72,445,615                             | 32,809,925                | 22,208,699                | 18,297,768                |
| 41 | 2064  | 104,291,108                                                     | (920,762)       | (26,467,524)                     | -                                                         | (293,914)                        | -                                                                              | (911,870)                            | -               | 75,697,038                             | 33,610,258                | 22,529,558                | 18,472,452                |
| 42 | 2065  | 108,214,218                                                     | (925,366)       | (27,051,806)                     | -                                                         | (298,322)                        | -                                                                              | (918,072)                            | -               | 79,020,651                             | 34,398,016                | 22,833,746                | 18,631,418                |
| 43 | 2066  | 112,243,358                                                     | (929,992)       | (27,648,867)                     | -                                                         | (302,797)                        | -                                                                              | (924,314)                            | -               | 82,437,388                             | 35,181,701                | 23,127,227                | 18,779,723                |
| 44 | 2067  | 116,378,528                                                     | (934,642)       | (28,258,983)                     | -                                                         | (307,339)                        | -                                                                              | (930,595)                            | -               | 85,946,969                             | 35,960,275                | 23,409,529                | 18,917,127                |
| 45 | 2068  | 120,619,728                                                     | (939,316)       | (28,882,438)                     | -                                                         | (311,949)                        | -                                                                              | (936,917)                            | -               | 89,549,108                             | 36,732,758                | 23,680,243                | 19,043,445                |
| 46 | 2069  | 124,977,561                                                     | (944,012)       | (29,519,524)                     | -                                                         | (316,629)                        | -                                                                              | (943,280)                            | -               | 93,254,117                             | 37,502,491                | 23,941,738                | 19,160,724                |
| 47 | 2070  | 129,441,424                                                     | (948,732)       | (30,170,535)                     | -                                                         | (321,378)                        | -                                                                              | (949,683)                            | -               | 97,051,096                             | 38,264,176                | 24,190,836                | 19,266,552                |
| 48 | 2071  | 134,021,920                                                     | (953,476)       | (30,835,775)                     | -                                                         | (326,199)                        | -                                                                              | (956,127)                            | -               | 100,950,343                            | 39,021,104                | 24,429,862                | 19,362,927                |
| 49 | 2072  | 138,719,049                                                     | (958,243)       | (31,515,553)                     | -                                                         | (331,092)                        | -                                                                              | (962,613)                            | -               | 104,951,547                            | 39,772,275                | 24,658,397                | 19,449,646                |
| 50 | 2073  | 143,543,414                                                     | (963,034)       | (32,210,186)                     | -                                                         | (336,058)                        | -                                                                              | (969,141)                            | -               | 109,064,995                            | 40,520,687                | 24,878,497                | 19,528,455                |
| 51 | 2074  | 148,484,412                                                     | (967,850)       | (32,919,995)                     | -                                                         | (341,099)                        | (11,712,511)                                                                   | (975,711)                            | -               | 101,567,248                            | 36,995,161                | 22,493,406                | 17,570,974                |
| 52 | 2075  |                                                                 |                 |                                  |                                                           |                                  |                                                                                |                                      |                 | -                                      | -                         | -                         | -                         |
|    | Total | \$ 2,965,849,954                                                | \$ (61,839,655) | \$ (452,874,520)                 | \$ (28,865,971)                                           | \$ (11,948,770)                  | \$ (64,224,474)                                                                | \$ (41,496,445)                      | \$ (12,620,800) | \$ 2,291,979,319                       | \$ 1,091,490,594          | \$ 760,799,820            | \$ 636,050,191            |

|                           | Present Value Benefits Using WebTAG Discount Schedule |                                                                            |                                 |                                     |                                  |                                                           |                                  |                                                                                |                                     |                                 |                         |
|---------------------------|-------------------------------------------------------|----------------------------------------------------------------------------|---------------------------------|-------------------------------------|----------------------------------|-----------------------------------------------------------|----------------------------------|--------------------------------------------------------------------------------|-------------------------------------|---------------------------------|-------------------------|
| Total Benefits Discounted | WebTAG Discount Schedule - All other Impacts          | WebTAG Discount Schedule - Health Impacts (noise and non-carbon emissions) | Traffic Benefits                | Noise Benefits                      | Traffic-Related Carbon Emissions | Estimated Peat Removal Carbon Emissions from Construction | Annual Carbon Sequestration Loss | Bulk Material, Construction Tailpipe, and Commuter/Delivery Tailpipe Emissions | Non-carbon Emissions from Traffic   | Amenity Loss                    | Total Benefits no Solar |
| 5%                        |                                                       |                                                                            | Years 0-30 3.5%; Years 31-75 3% | Years 0-30 1.5% ; Years 31-75 1.29% | Years 0-30 3.5%; Years 31-75 3%  | Years 0-30 3.5%; Years 31-75 3%                           | Years 0-30 3.5%; Years 31-75 3%  | Years 0-30 3.5%; Years 31-75 3%                                                | Years 0-30 1.5% ; Years 31-75 1.29% | Years 0-30 3.5%; Years 31-75 3% | WebTAG                  |
| -                         | 3.5%                                                  | 1.50%                                                                      | -                               | -                                   | -                                | -                                                         | -                                | -                                                                              | -                                   | -                               | -                       |
| -                         | 3.5%                                                  | 1.50%                                                                      | -                               | -                                   | -                                | -                                                         | -                                | -                                                                              | -                                   | -                               | -                       |
| (65,690,408)              | 3.5%                                                  | 1.50%                                                                      | (6,034,441.36)                  | (1,055,506.23)                      | (8,847,025.21)                   | (26,035,451.54)                                           | (150,079.40)                     | (11,817,454.66)                                                                | (3,525,367.67)                      | (11,383,238.50)                 | (68,848,564.59)         |
| (16,061,101)              | 3.5%                                                  | 1.50%                                                                      | (3,612,801.66)                  | (1,074,952.51)                      | (8,916,069.46)                   | -                                                         | (147,212.44)                     | -                                                                              | (3,613,611.89)                      | -                               | (17,364,647.96)         |
| (13,427,345)              | 3.5%                                                  | 1.50%                                                                      | (955,236.24)                    | (1,094,757.05)                      | (8,985,112.28)                   | -                                                         | (144,400.25)                     | -                                                                              | (3,694,652.78)                      | -                               | (14,874,158.60)         |
| (10,613,186)              | 3.5%                                                  | 1.50%                                                                      | 1,983,875.89                    | (1,114,926.47)                      | (9,054,136.57)                   | -                                                         | (141,641.77)                     | -                                                                              | (3,784,655.57)                      | -                               | (12,111,484.49)         |
| (7,573,342)               | 3.5%                                                  | 1.50%                                                                      | 5,250,333.16                    | (1,135,467.48)                      | (9,123,124.65)                   | -                                                         | (138,936.00)                     | -                                                                              | (3,867,407.40)                      | -                               | (9,014,602.36)          |
| (4,215,491)               | 3.5%                                                  | 1.50%                                                                      | 8,913,609.09                    | (1,156,386.93)                      | (9,192,058.30)                   | -                                                         | (136,281.91)                     | -                                                                              | (3,887,657.94)                      | -                               | (5,458,775.98)          |
| (559,867)                 | 3.5%                                                  | 1.50%                                                                      | 13,023,300.66                   | (1,177,691.79)                      | (9,260,918.75)                   | -                                                         | (133,678.52)                     | -                                                                              | (3,907,264.59)                      | -                               | (1,456,252.98)          |
| 3,458,661                 | 3.5%                                                  | 1.50%                                                                      | 17,671,682.19                   | (1,199,389.16)                      | (9,329,686.61)                   | -                                                         | (131,124.86)                     | -                                                                              | (3,926,194.94)                      | -                               | 3,085,286.63            |
| 7,905,939                 | 3.5%                                                  | 1.50%                                                                      | 22,956,697.39                   | (1,221,486.28)                      | (9,398,341.93)                   | -                                                         | (128,619.99)                     | -                                                                              | (3,944,415.52)                      | -                               | 8,263,833.67            |
| 12,864,185                | 3.5%                                                  | 1.50%                                                                      | 29,000,799.39                   | (1,243,990.51)                      | (9,466,864.13)                   | -                                                         | (126,162.96)                     | -                                                                              | (3,961,891.85)                      | -                               | 14,201,889.93           |
| 5,778,511                 | 3.5%                                                  | 1.50%                                                                      | 14,786,312.47                   | (1,219,848.77)                      | 680,249.89                       | -                                                         | (123,752.87)                     | (8,081,517.79)                                                                 | 840,715.85                          | -                               | 6,882,158.78            |
| 12,838,746                | 3.5%                                                  | 1.50%                                                                      | 15,419,501.12                   | (1,230,064.25)                      | 692,262.63                       | -                                                         | (121,388.83)                     | -                                                                              | 853,614.87                          | -                               | 15,613,925.54           |
| 13,227,042                | 3.5%                                                  | 1.50%                                                                      | 16,106,875.48                   | (1,240,365.28)                      | 704,412.78                       | -                                                         | (119,069.94)                     | -                                                                              | 866,660.87                          | -                               | 16,318,513.91           |
| 13,652,656                | 3.5%                                                  | 1.50%                                                                      | 16,858,538.84                   | (1,250,752.58)                      | 716,701.57                       | -                                                         | (116,795.35)                     | -                                                                              | 879,855.39                          | -                               | 17,087,547.87           |
| 14,106,297                | 3.5%                                                  | 1.50%                                                                      | 17,665,014.70                   | (1,261,226.86)                      | 729,130.22                       | -                                                         | (114,564.21)                     | -                                                                              | 893,200.01                          | -                               | 17,911,553.85           |
| 14,592,811                | 3.5%                                                  | 1.50%                                                                      | 18,534,665.55                   | (1,271,788.86)                      | 741,533.09                       | -                                                         | (112,350.41)                     | -                                                                              | 906,696.27                          | -                               | 18,798,755.64           |
| 15,111,495                | 3.5%                                                  | 1.50%                                                                      | 19,468,694.07                   | (1,282,439.31)                      | 754,072.64                       | -                                                         | (110,179.39)                     | -                                                                              | 920,345.78                          | -                               | 19,750,493.79           |
| 15,660,978                | 3.5%                                                  | 1.50%                                                                      | 20,467,560.02                   | (1,293,178.95)                      | 766,750.04                       | -                                                         | (108,050.32)                     | -                                                                              | 934,150.13                          | -                               | 20,767,230.93           |
| 16,243,240                | 3.5%                                                  | 1.50%                                                                      | 21,536,210.15                   | (1,304,008.53)                      | 779,566.47                       | -                                                         | (105,962.39)                     | -                                                                              | 948,110.95                          | -                               | 21,853,916.64           |
| 16,855,543                | 3.5%                                                  | 1.50%                                                                      | 22,673,334.06                   | (1,314,928.79)                      | 792,523.10                       | -                                                         | (103,914.81)                     | -                                                                              | 962,229.87                          | -                               | 23,009,243.43           |
| 9,282,820                 | 3.5%                                                  | 1.50%                                                                      | 15,884,449.93                   | (911,677.83)                        | 2,245,170.93                     | -                                                         | (101,906.79)                     | (4,630,623.46)                                                                 | 171,028.03                          | -                               | 12,656,440.80           |
| 12,824,176                | 3.5%                                                  | 1.50%                                                                      | 16,461,772.89                   | (901,977.22)                        | 2,210,476.54                     | -                                                         | (99,937.58)                      | -                                                                              | 169,248.16                          | -                               | 17,839,582.79           |
| 13,003,569                | 3.5%                                                  | 1.50%                                                                      | 16,999,831.70                   | (892,379.83)                        | 2,176,399.44                     | -                                                         | (98,006.42)                      | -                                                                              | 167,460.97                          | -                               | 18,353,305.87           |
| 13,143,312                | 3.5%                                                  | 1.50%                                                                      | 17,491,345.00                   | (882,884.56)                        | 2,142,927.48                     | -                                                         | (96,112.57)                      | -                                                                              | 165,694.59                          | -                               | 18,820,969.94           |
| 13,252,157                | 3.5%                                                  | 1.50%                                                                      | 17,946,928.94                   | (873,490.32)                        | 2,110,048.74                     | -                                                         | (94,255.33)                      | -                                                                              | 163,948.74                          | -                               | 19,253,180.78           |
| 13,329,469                | 3.5%                                                  | 1.50%                                                                      | 18,363,838.25                   | (864,196.04)                        | 2,077,751.54                     | -                                                         | (92,433.97)                      | -                                                                              | 162,223.18                          | -                               | 19,647,182.96           |
| 13,377,605                | 3.5%                                                  | 1.50%                                                                      | 18,743,757.08                   | (855,000.65)                        | 2,046,024.46                     | -                                                         | (90,647.80)                      | -                                                                              | 160,517.62                          | -                               | 20,004,650.70           |
| 13,401,240                | 3.5%                                                  | 1.50%                                                                      | 19,092,091.42                   | (845,903.10)                        | 2,014,856.30                     | -                                                         | (88,896.15)                      | -                                                                              | 158,831.82                          | -                               | 20,330,980.28           |
| 13,399,783                | 3.0%                                                  | 1.29%                                                                      | 22,549,735.69                   | (892,397.61)                        | 2,305,633.25                     | -                                                         | (101,299.09)                     | -                                                                              | 167,587.22                          | -                               | 24,029,259.46           |
| 13,377,448                | 3.0%                                                  | 1.29%                                                                      | 22,992,329.81                   | (884,732.63)                        | 2,281,700.31                     | -                                                         | (99,823.86)                      | -                                                                              | 166,174.76                          | -                               | 24,455,648.39           |
| 13,333,672                | 3.0%                                                  | 1.29%                                                                      | 23,402,004.81                   | (877,133.48)                        | 2,258,098.68                     | -                                                         | (98,370.12)                      | -                                                                              | 164,776.08                          | -                               | 24,849,375.96           |
| 13,270,232                | 3.0%                                                  | 1.29%                                                                      | 23,779,953.54                   | (869,599.61)                        | 2,234,823.01                     | -                                                         | (96,937.54)                      | -                                                                              | 163,391.01                          | -                               | 25,211,630.40           |
| 13,192,646                | 3.0%                                                  | 1.29%                                                                      | 24,134,873.72                   | (862,130.45)                        | 2,211,868.03                     | -                                                         | (95,525.83)                      | -                                                                              | 162,019.40                          | -                               | 25,551,104.88           |
| 13,098,275                | 3.0%                                                  | 1.29%                                                                      | 24,459,920.68                   | (854,725.44)                        | 2,189,228.58                     | -                                                         | (94,134.68)                      | -                                                                              | 160,661.10                          | -                               | 25,860,950.24           |
| 7,670,337                 | 3.0%                                                  | 1.29%                                                                      | 29,988,050.71                   | (561,719.97)                        | (8,124,281.32)                   | -                                                         | (92,763.78)                      | (5,545,614.44)                                                                 | (552,311.28)                        | -                               | 15,111,359.92           |
| 10,367,716                | 3.0%                                                  | 1.29%                                                                      | 30,269,817.26                   | (557,338.90)                        | (8,061,918.65)                   | -                                                         | (91,412.85)                      | -                                                                              | (548,991.48)                        | -                               | 21,010,155.38           |
| 10,334,143                | 3.0%                                                  | 1.29%                                                                      | 30,539,861.69                   | (552,992.00)                        | (7,999,998.60)                   | -                                                         | (90,081.60)                      | -                                                                              | (545,690.16)                        | -                               | 21,351,099.32           |
| 10,290,587                | 3.0%                                                  | 1.29%                                                                      | 30,794,499.76                   | (548,679.00)                        | (7,938,518.67)                   | -                                                         | (88,769.73)                      | -                                                                              | (542,407.26)                        | -                               | 21,676,125.10           |
| 10,240,417                | 3.0%                                                  | 1.29%                                                                      | 31,039,953.97                   | (544,399.64)                        | (7,877,476.31)                   | -                                                         | (87,476.97)                      | -                                                                              | (539,142.68)                        | -                               | 21,991,458.37           |
| 10,180,991                | 3.0%                                                  | 1.29%                                                                      | 31,269,496.46                   | (540,153.66)                        | (7,816,869.00)                   | -                                                         | (86,203.03)                      | -                                                                              | (535,896.36)                        | -                               | 22,290,374.41           |
| 10,115,430                | 3.0%                                                  | 1.29%                                                                      | 31,489,081.19                   | (535,940.79)                        | (7,756,694.23)                   | -                                                         | (84,947.65)                      | -                                                                              | (532,668.22)                        | -                               | 22,578,830.31           |
| 10,043,877                | 3.0%                                                  | 1.29%                                                                      | 31,698,227.11                   | (531,760.78)                        | (7,696,949.48)                   | -                                                         | (83,710.55)                      | -                                                                              | (529,458.17)                        | -                               | 22,856,348.13           |
| 9,966,503                 | 3.0%                                                  | 1.29%                                                                      | 31,896,514.87                   | (527,613.37)                        | (7,637,632.25)                   | -                                                         | (82,491.46)                      | -                                                                              | (526,266.15)                        | -                               | 23,122,511.64           |
| 9,884,626                 | 3.0%                                                  | 1.29%                                                                      | 32,086,305.08                   | (523,498.31)                        | (7,578,740.04)                   | -                                                         | (81,290.13)                      | -                                                                              | (523,092.07)                        | -                               | 23,379,684.54           |
| 9,797,232                 | 3.0%                                                  | 1.29%                                                                      | 32,264,409.48                   | (519,415.34)                        | (7,520,270.33)                   | -                                                         | (80,106.29)                      | -                                                                              | (519,935.85)                        | -                               | 23,624,681.67           |
| 9,705,579                 | 3.0%                                                  | 1.29%                                                                      | 32,433,143.94                   | (515,364.22)                        | (7,462,220.65)                   | -                                                         | (78,939.69)                      | -                                                                              | (516,797.42)                        | -                               | 23,859,821.95           |
| 9,609,774                 | 3.0%                                                  | 1.29%                                                                      | 32,592,081.09                   | (511,344.69)                        | (7,404,588.50)                   | -                                                         | (77,790.09)                      | -                                                                              | (513,676.71)                        | -                               | 24,084,681.11           |
| 9,510,874                 | 3.0%                                                  | 1.29%                                                                      | 32,743,268.99                   | (507,356.52)                        | (7,347,371.40)                   | -                                                         | (76,657.22)                      | -                                                                              | (510,573.62)                        | -                               | 24,301,310.23           |
| 8,435,279                 | 3.0%                                                  | 1.29%                                                                      | 32,883,830.69                   | (503,399.45)                        | (7,290,566.87)                   | -                                                         | (75,540.86)                      | (2,593,889.90)                                                                 | (507,488.09)                        | -                               | 21,912,945.53           |
| -                         | 3.0%                                                  | 1.29%                                                                      |                                 | -                                   |                                  | -                                                         |                                  | -                                                                              | -                                   | -                               | -                       |
| \$ 371,595,132            |                                                       |                                                                            | \$ 1,028,005,901                | \$ (44,392,362)                     | \$ (169,225,224)                 | \$ (26,035,452)                                           | \$ (5,120,636)                   | \$ (32,669,100)                                                                | \$ (34,748,373)                     | \$ (11,383,238)                 | 704,431,515             |

Proposed Project 2074 Medium Growth Scenario minus No-Build Benefits (USD)

| N  | Year  | Undiscounted Benefit Categories: all values in constant 2024 \$ |                 |                                  |                                                           |                                  |                                                                                |                                      |                 |                                        | Present Value Benefits    |                           |                           |
|----|-------|-----------------------------------------------------------------|-----------------|----------------------------------|-----------------------------------------------------------|----------------------------------|--------------------------------------------------------------------------------|--------------------------------------|-----------------|----------------------------------------|---------------------------|---------------------------|---------------------------|
|    |       | Traffic Benefits                                                | Noise Benefits  | Traffic-Related Carbon Emissions | Estimated Peat Removal Carbon Emissions from Construction | Annual Carbon Sequestration Loss | Bulk Material, Construction Tailpipe, and Commuter/Delivery Tailpipe Emissions | Traffic-Related Non-Carbon Emissions | Amenity Loss    | Total Benefits no Solar (Undiscounted) | Total Benefits Discounted | Total Benefits Discounted | Total Benefits Discounted |
|    |       |                                                                 |                 |                                  |                                                           |                                  |                                                                                |                                      |                 |                                        | 2%                        | 3%                        | 3.5%                      |
| 1  | 2024  | -                                                               | -               | -                                | -                                                         | -                                | -                                                                              | -                                    | -               | -                                      | 0                         | 0                         | 0                         |
| 2  | 2025  | -                                                               | -               | -                                | -                                                         | -                                | -                                                                              | -                                    | -               | -                                      | 0                         | 0                         | 0                         |
| 3  | 2026  | (6,690,493)                                                     | (1,103,720)     | (9,808,855)                      | (28,865,971)                                              | (166,396)                        | (13,102,223)                                                                   | (3,686,401)                          | (12,620,800)    | (76,044,858)                           | -71,658,768               | -69,591,818               | -68,588,105               |
| 4  | 2027  | (4,145,773)                                                     | (1,140,915)     | (10,231,395)                     | -                                                         | (168,930)                        | -                                                                              | (3,835,356)                          | -               | (19,522,369)                           | -18,035,651               | -17,345,372               | -17,012,617               |
| 5  | 2028  | (1,134,521)                                                     | (1,179,364)     | (10,671,495)                     | -                                                         | (171,502)                        | -                                                                              | (3,980,190)                          | -               | (17,137,073)                           | -15,521,575               | -14,782,589               | -14,428,955               |
| 6  | 2029  | 2,438,690                                                       | (1,219,109)     | (11,129,846)                     | -                                                         | (174,114)                        | -                                                                              | (4,138,306)                          | -               | (14,222,684)                           | -12,629,337               | -11,911,274               | -11,570,163               |
| 7  | 2030  | 6,679,890                                                       | (1,260,193)     | (11,607,162)                     | -                                                         | (176,765)                        | -                                                                              | (4,292,222)                          | -               | (10,656,453)                           | -9,277,084                | -8,664,671                | -8,375,876                |
| 8  | 2031  | 11,737,521                                                      | (1,302,661)     | (12,104,185)                     | -                                                         | (179,457)                        | -                                                                              | (4,379,418)                          | -               | (6,228,201)                            | -5,315,709                | -4,916,599                | -4,729,768                |
| 9  | 2032  | 17,749,422                                                      | (1,346,561)     | (12,621,682)                     | -                                                         | (182,190)                        | -                                                                              | (4,467,527)                          | -               | (868,538)                              | -726,754                  | -665,662                  | -637,273                  |
| 10 | 2033  | 24,927,653                                                      | (1,391,940)     | (13,160,444)                     | -                                                         | (184,965)                        | -                                                                              | (4,556,510)                          | -               | 5,633,794                              | 4,621,674                 | 4,192,072                 | 3,993,903                 |
| 11 | 2034  | 33,516,083                                                      | (1,438,848)     | (13,721,295)                     | -                                                         | (187,781)                        | -                                                                              | (4,646,320)                          | -               | 13,521,839                             | 10,875,115                | 9,768,464                 | 9,261,725                 |
| 12 | 2035  | 43,822,199                                                      | (1,487,338)     | (14,305,082)                     | -                                                         | (190,641)                        | -                                                                              | (4,736,910)                          | -               | 23,102,229                             | 18,215,950                | 16,203,439                | 15,288,669                |
| 13 | 2036  | 23,125,143                                                      | (1,480,350)     | 1,063,881                        | -                                                         | (193,544)                        | (12,639,139)                                                                   | 1,020,253                            | -               | 10,896,243                             | 8,423,151                 | 7,419,812                 | 6,967,103                 |
| 14 | 2037  | 24,959,462                                                      | (1,515,139)     | 1,120,562                        | -                                                         | (196,491)                        | -                                                                              | 1,051,445                            | -               | 25,419,839                             | 19,265,061                | 16,805,508                | 15,703,913                |
| 15 | 2038  | 26,984,635                                                      | (1,550,744)     | 1,180,137                        | -                                                         | (199,484)                        | -                                                                              | 1,083,527                            | -               | 27,498,071                             | 20,431,472                | 17,649,966                | 16,413,341                |
| 16 | 2039  | 29,232,471                                                      | (1,587,187)     | 1,242,751                        | -                                                         | (202,522)                        | -                                                                              | 1,116,524                            | -               | 29,802,037                             | 21,709,169                | 18,571,644                | 17,187,011                |
| 17 | 2040  | 31,702,970                                                      | (1,624,486)     | 1,308,552                        | -                                                         | (205,606)                        | -                                                                              | 1,150,460                            | -               | 32,331,891                             | 23,090,226                | 19,561,325                | 18,015,452                |
| 18 | 2041  | 34,427,941                                                      | (1,662,661)     | 1,377,390                        | -                                                         | (208,690)                        | -                                                                              | 1,185,361                            | -               | 35,119,341                             | 24,589,136                | 20,628,911                | 18,906,888                |
| 19 | 2042  | 37,428,590                                                      | (1,701,734)     | 1,449,706                        | -                                                         | (211,820)                        | -                                                                              | 1,221,254                            | -               | 38,185,995                             | 26,212,042                | 21,776,940                | 19,862,663                |
| 20 | 2043  | 40,726,123                                                      | (1,741,725)     | 1,525,671                        | -                                                         | (214,997)                        | -                                                                              | 1,258,165                            | -               | 41,553,237                             | 27,964,137                | 23,007,020                | 20,883,239                |
| 21 | 2044  | 44,352,349                                                      | (1,782,655)     | 1,605,464                        | -                                                         | (218,222)                        | -                                                                              | 1,296,122                            | -               | 45,253,058                             | 29,856,873                | 24,325,748                | 21,973,568                |
| 22 | 2045  | 48,328,474                                                      | (1,824,547)     | 1,689,272                        | -                                                         | (221,496)                        | -                                                                              | 1,335,155                            | -               | 49,306,858                             | 31,893,601                | 25,732,880                | 23,132,344                |
| 23 | 2046  | 35,042,915                                                      | (1,283,986)     | 4,953,104                        | -                                                         | (224,818)                        | (10,215,685)                                                                   | 240,872                              | -               | 28,512,401                             | 18,081,308                | 14,446,998                | 12,924,262                |
| 24 | 2047  | 36,962,058                                                      | (1,295,671)     | 5,103,133                        | -                                                         | (228,190)                        | -                                                                              | 244,229                              | -               | 40,785,559                             | 25,357,259                | 20,063,792                | 17,862,327                |
| 25 | 2048  | 38,902,407                                                      | (1,307,461)     | 5,257,584                        | -                                                         | (231,613)                        | -                                                                              | 247,633                              | -               | 42,868,549                             | 26,129,704                | 20,474,258                | 18,139,697                |
| 26 | 2049  | 40,853,359                                                      | (1,319,359)     | 5,416,585                        | -                                                         | (235,087)                        | -                                                                              | 251,082                              | -               | 44,966,580                             | 26,871,097                | 20,850,766                | 18,384,032                |
| 27 | 2050  | 42,804,311                                                      | (1,331,365)     | 5,580,270                        | -                                                         | (238,614)                        | -                                                                              | 254,579                              | -               | 47,069,181                             | 27,576,047                | 21,190,030                | 18,592,903                |
| 28 | 2051  | 44,765,866                                                      | (1,343,481)     | 5,748,772                        | -                                                         | (242,193)                        | -                                                                              | 258,124                              | -               | 49,187,089                             | 28,251,812                | 21,498,533                | 18,772,466                |
| 29 | 2052  | 46,716,818                                                      | (1,355,706)     | 5,922,233                        | -                                                         | (245,826)                        | -                                                                              | 261,716                              | -               | 51,299,235                             | 28,887,231                | 21,768,644                | 18,916,498                |
| 30 | 2053  | 48,667,770                                                      | (1,368,043)     | 6,100,794                        | -                                                         | (249,513)                        | -                                                                              | 265,358                              | -               | 53,416,366                             | 29,489,621                | 22,006,836                | 19,031,098                |
| 31 | 2054  | 50,608,119                                                      | (1,380,492)     | 6,284,604                        | -                                                         | (253,256)                        | -                                                                              | 269,050                              | -               | 55,528,025                             | 30,054,320                | 22,210,496                | 19,114,431                |
| 32 | 2055  | 52,527,262                                                      | (1,393,055)     | 6,473,815                        | -                                                         | (257,055)                        | -                                                                              | 272,792                              | -               | 57,623,759                             | 30,577,085                | 22,377,440                | 19,165,069                |
| 33 | 2056  | 54,425,199                                                      | (1,405,732)     | 6,668,582                        | -                                                         | (260,911)                        | -                                                                              | 276,585                              | -               | 59,703,723                             | 31,059,592                | 22,509,871                | 19,185,356                |
| 34 | 2057  | 56,291,327                                                      | (1,418,524)     | 6,869,066                        | -                                                         | (264,824)                        | -                                                                              | 280,429                              | -               | 61,757,474                             | 31,498,051                | 22,606,009                | 19,174,217                |
| 35 | 2058  | 58,125,646                                                      | (1,431,432)     | 7,075,433                        | -                                                         | (268,797)                        | -                                                                              | 284,327                              | -               | 63,785,176                             | 31,894,349                | 22,668,193                | 19,134,077                |
| 36 | 2059  | 59,917,553                                                      | (1,444,458)     | 7,287,852                        | -                                                         | (272,828)                        | -                                                                              | 288,277                              | -               | 65,776,395                             | 32,245,111                | 22,694,989                | 19,064,151                |
| 37 | 2060  | 85,046,663                                                      | (786,227)       | 25,606,015                       | -                                                         | (276,921)                        | (16,554,916)                                                                   | 1,075,074                            | -               | 94,109,688                             | 45,230,145                | 31,525,140                | 26,353,687                |
| 38 | 2061  | 87,888,267                                                      | (794,326)       | 26,305,520                       | -                                                         | (281,075)                        | -                                                                              | 1,089,958                            | -               | 114,208,344                            | 53,813,509                | 37,143,540                | 30,900,431                |
| 39 | 2062  | 90,729,871                                                      | (802,507)       | 27,024,163                       | -                                                         | (285,291)                        | -                                                                              | 1,105,047                            | -               | 117,771,283                            | 54,404,235                | 37,186,700                | 30,786,886                |
| 40 | 2063  | 93,571,475                                                      | (810,773)       | 27,762,467                       | -                                                         | (289,570)                        | -                                                                              | 1,120,346                            | -               | 121,353,945                            | 54,960,039                | 37,201,882                | 30,650,665                |
| 41 | 2064  | 96,402,476                                                      | (819,124)       | 28,520,972                       | -                                                         | (293,914)                        | -                                                                              | 1,135,858                            | -               | 124,946,268                            | 55,477,419                | 37,187,508                | 30,490,809                |
| 42 | 2065  | 99,222,874                                                      | (827,561)       | 29,300,231                       | -                                                         | (298,322)                        | -                                                                              | 1,151,584                            | -               | 128,548,805                            | 55,957,826                | 37,145,363                | 30,309,122                |
| 43 | 2066  | 102,000,860                                                     | (836,085)       | 30,100,813                       | -                                                         | (302,797)                        | -                                                                              | 1,167,528                            | -               | 132,130,319                            | 56,389,091                | 37,068,228                | 30,100,066                |
| 44 | 2067  | 104,736,434                                                     | (844,696)       | 30,923,302                       | -                                                         | (307,339)                        | -                                                                              | 1,183,694                            | -               | 135,691,394                            | 56,773,379                | 36,958,507                | 29,865,990                |
| 45 | 2068  | 107,408,390                                                     | (853,397)       | 31,768,298                       | -                                                         | (311,949)                        | -                                                                              | 1,200,084                            | -               | 139,211,426                            | 57,104,082                | 36,812,878                | 29,604,596                |
| 46 | 2069  | 110,016,728                                                     | (862,187)       | 32,636,419                       | -                                                         | (316,629)                        | -                                                                              | 1,216,701                            | -               | 142,691,032                            | 57,383,731                | 36,634,000                | 29,318,422                |
| 47 | 2070  | 112,529,639                                                     | (871,067)       | 33,528,298                       | -                                                         | (321,378)                        | -                                                                              | 1,233,549                            | -               | 146,099,040                            | 57,602,229                | 36,416,466                | 29,003,534                |
| 48 | 2071  | 114,936,520                                                     | (880,039)       | 34,444,586                       | -                                                         | (326,199)                        | -                                                                              | 1,250,630                            | -               | 149,425,498                            | 57,758,575                | 36,160,791                | 28,660,775                |
| 49 | 2072  | 117,205,562                                                     | (889,104)       | 35,385,953                       | -                                                         | (331,092)                        | -                                                                              | 1,267,949                            | -               | 152,639,268                            | 57,843,939                | 35,862,641                | 28,287,146                |
| 50 | 2073  | 119,326,162                                                     | (898,262)       | 36,353,085                       | -                                                         | (336,058)                        | -                                                                              | 1,285,507                            | -               | 155,730,435                            | 57,858,199                | 35,523,215                | 27,884,060                |
| 51 | 2074  | 121,277,114                                                     | (907,514)       | 37,346,690                       | -                                                         | (341,099)                        | (11,712,511)                                                                   | 1,303,309                            | -               | 146,965,990                            | 53,531,336                | 32,547,556                | 25,424,886                |
| 52 | 2075  |                                                                 |                 |                                  | -                                                         |                                  |                                                                                |                                      |                 | -                                      | 0                         | 0                         | 0                         |
|    | Total | \$ 2,699,078,474                                                | \$ (61,103,512) | \$ 445,950,580                   | \$ (28,865,971)                                           | \$ (11,948,770)                  | \$ (64,224,474)                                                                | \$ (9,519,023)                       | \$ (12,620,800) | \$ 2,956,746,504                       | \$ 1,364,043,046          | \$ 936,507,011            | \$ 777,348,722            |

|                           | Present Value Benefits Using WebTAG Discount Schedule                                  |                                                    |                                    |                                        |                                     |                                                                    |                                     |                                                                                            |                                        |                                    |                         |
|---------------------------|----------------------------------------------------------------------------------------|----------------------------------------------------|------------------------------------|----------------------------------------|-------------------------------------|--------------------------------------------------------------------|-------------------------------------|--------------------------------------------------------------------------------------------|----------------------------------------|------------------------------------|-------------------------|
| Total Benefits Discounted | WebTAG Discount<br>Schedule - Health<br>Impacts (noise and<br>non-carbon<br>emissions) | WebTAG Discount<br>Schedule - All other<br>Impacts | Traffic Benefits                   | Noise Benefits                         | Traffic-Related Carbon<br>Emissions | Estimated Peat<br>Removal Carbon<br>Emissions from<br>Construction | Annual Carbon<br>Sequestration Loss | Bulk Material,<br>Construction<br>Tailpipe, and<br>Commuter/Delivery<br>Tailpipe Emissions | Non-carbon Emissions<br>from Traffic   | Amenity Loss                       | Total Benefits no Solar |
| 5%                        |                                                                                        |                                                    | Years 0-30 3.5%; Years<br>31-75 3% | Years 0-30 1.5% ;<br>Years 31-75 1.29% | Years 0-30 3.5%;<br>Years 31-75 3%  | Years 0-30 3.5%;<br>Years 31-75 3%                                 | Years 0-30 3.5%;<br>Years 31-75 3%  | Years 0-30 3.5%;<br>Years 31-75 3%                                                         | Years 0-30 1.5% ;<br>Years 31-75 1.29% | Years 0-30 3.5%;<br>Years 31-75 3% | WebTAG                  |
| 0                         | 1.50%                                                                                  | 3.5%                                               | -                                  | -                                      | -                                   | -                                                                  | -                                   | -                                                                                          | -                                      | -                                  | -                       |
| 0                         | 1.50%                                                                                  | 3.5%                                               | -                                  | -                                      | -                                   | -                                                                  | -                                   | -                                                                                          | -                                      | -                                  | -                       |
| -65,690,408               | 1.50%                                                                                  | 3.5%                                               | (6,034,441)                        | (1,055,506)                            | (8,847,025)                         | (26,035,452)                                                       | (150,079)                           | (11,817,455)                                                                               | (3,525,368)                            | (11,383,238)                       | (68,848,565)            |
| -16,061,101               | 1.50%                                                                                  | 3.5%                                               | (3,612,802)                        | (1,074,953)                            | (8,916,069)                         | -                                                                  | (147,212)                           | -                                                                                          | (3,613,612)                            | -                                  | (17,364,648)            |
| -13,427,345               | 1.50%                                                                                  | 3.5%                                               | (955,236)                          | (1,094,757)                            | (8,985,112)                         | -                                                                  | (144,400)                           | -                                                                                          | (3,694,653)                            | -                                  | (14,874,159)            |
| -10,613,186               | 1.50%                                                                                  | 3.5%                                               | 1,983,876                          | (1,114,926)                            | (9,054,137)                         | -                                                                  | (141,642)                           | -                                                                                          | (3,784,656)                            | -                                  | (12,111,484)            |
| -7,573,342                | 1.50%                                                                                  | 3.5%                                               | 5,250,333                          | (1,135,467)                            | (9,123,125)                         | -                                                                  | (138,936)                           | -                                                                                          | (3,867,407)                            | -                                  | (9,014,602)             |
| -4,215,491                | 1.50%                                                                                  | 3.5%                                               | 8,913,609                          | (1,156,387)                            | (9,192,058)                         | -                                                                  | (136,282)                           | -                                                                                          | (3,887,658)                            | -                                  | (5,458,776)             |
| -559,867                  | 1.50%                                                                                  | 3.5%                                               | 13,023,301                         | (1,177,692)                            | (9,260,919)                         | -                                                                  | (133,679)                           | -                                                                                          | (3,907,265)                            | -                                  | (1,456,253)             |
| 3,458,661                 | 1.50%                                                                                  | 3.5%                                               | 17,671,682                         | (1,199,389)                            | (9,329,687)                         | -                                                                  | (131,125)                           | -                                                                                          | (3,926,195)                            | -                                  | 3,085,287               |
| 7,905,939                 | 1.50%                                                                                  | 3.5%                                               | 22,956,697                         | (1,221,486)                            | (9,398,342)                         | -                                                                  | (128,620)                           | -                                                                                          | (3,944,416)                            | -                                  | 8,263,834               |
| 12,864,185                | 1.50%                                                                                  | 3.5%                                               | 29,000,799                         | (1,243,991)                            | (9,466,864)                         | -                                                                  | (126,163)                           | -                                                                                          | (3,961,892)                            | -                                  | 14,201,890              |
| 5,778,511                 | 1.50%                                                                                  | 3.5%                                               | 14,786,312                         | (1,219,849)                            | 680,250                             | -                                                                  | (123,753)                           | (8,081,518)                                                                                | 840,716                                | -                                  | 6,882,159               |
| 12,838,746                | 1.50%                                                                                  | 3.5%                                               | 15,419,501                         | (1,230,064)                            | 692,263                             | -                                                                  | (121,389)                           | -                                                                                          | 853,615                                | -                                  | 15,613,926              |
| 13,227,042                | 1.50%                                                                                  | 3.5%                                               | 16,106,875                         | (1,240,365)                            | 704,413                             | -                                                                  | (119,070)                           | -                                                                                          | 866,661                                | -                                  | 16,318,514              |
| 13,652,656                | 1.50%                                                                                  | 3.5%                                               | 16,858,539                         | (1,250,753)                            | 716,702                             | -                                                                  | (116,795)                           | -                                                                                          | 879,855                                | -                                  | 17,087,548              |
| 14,106,297                | 1.50%                                                                                  | 3.5%                                               | 17,665,015                         | (1,261,227)                            | 729,130                             | -                                                                  | (114,564)                           | -                                                                                          | 893,200                                | -                                  | 17,911,554              |
| 14,592,811                | 1.50%                                                                                  | 3.5%                                               | 18,534,666                         | (1,271,789)                            | 741,533                             | -                                                                  | (112,350)                           | -                                                                                          | 906,696                                | -                                  | 18,798,756              |
| 15,111,495                | 1.50%                                                                                  | 3.5%                                               | 19,468,694                         | (1,282,439)                            | 754,073                             | -                                                                  | (110,179)                           | -                                                                                          | 920,346                                | -                                  | 19,750,494              |
| 15,660,978                | 1.50%                                                                                  | 3.5%                                               | 20,467,560                         | (1,293,179)                            | 766,750                             | -                                                                  | (108,050)                           | -                                                                                          | 934,150                                | -                                  | 20,767,231              |
| 16,243,240                | 1.50%                                                                                  | 3.5%                                               | 21,536,210                         | (1,304,009)                            | 779,566                             | -                                                                  | (105,962)                           | -                                                                                          | 948,111                                | -                                  | 21,853,917              |
| 16,855,543                | 1.50%                                                                                  | 3.5%                                               | 22,673,334                         | (1,314,929)                            | 792,523                             | -                                                                  | (103,915)                           | -                                                                                          | 962,230                                | -                                  | 23,009,243              |
| 9,282,820                 | 1.50%                                                                                  | 3.5%                                               | 15,884,450                         | (911,678)                              | 2,245,171                           | -                                                                  | (101,907)                           | (4,630,623)                                                                                | 171,028                                | -                                  | 12,656,441              |
| 12,646,293                | 1.50%                                                                                  | 3.5%                                               | 16,187,797                         | (906,378)                              | 2,234,953                           | -                                                                  | (99,938)                            | -                                                                                          | 170,849                                | -                                  | 17,587,283              |
| 12,659,201                | 1.50%                                                                                  | 3.5%                                               | 16,461,436                         | (901,110)                              | 2,224,731                           | -                                                                  | (98,006)                            | -                                                                                          | 170,670                                | -                                  | 17,857,721              |
| 12,646,434                | 1.50%                                                                                  | 3.5%                                               | 16,702,392                         | (895,872)                              | 2,214,504                           | -                                                                  | (96,113)                            | -                                                                                          | 170,490                                | -                                  | 18,095,402              |
| 12,607,401                | 1.50%                                                                                  | 3.5%                                               | 16,908,227                         | (890,664)                              | 2,204,275                           | -                                                                  | (94,255)                            | -                                                                                          | 170,310                                | -                                  | 18,297,892              |
| 12,547,313                | 1.50%                                                                                  | 3.5%                                               | 17,085,087                         | (885,487)                              | 2,194,044                           | -                                                                  | (92,434)                            | -                                                                                          | 170,129                                | -                                  | 18,471,339              |
| 12,462,960                | 1.50%                                                                                  | 3.5%                                               | 17,226,740                         | (880,340)                              | 2,183,812                           | -                                                                  | (90,648)                            | -                                                                                          | 169,948                                | -                                  | 18,609,513              |
| 12,359,342                | 1.50%                                                                                  | 3.5%                                               | 17,339,276                         | (875,223)                              | 2,173,581                           | -                                                                  | (88,896)                            | -                                                                                          | 169,766                                | -                                  | 18,718,504              |
| 12,236,126                | 1.29%                                                                                  | 3.0%                                               | 20,242,597                         | (927,834)                              | 2,513,761                           | -                                                                  | (101,299)                           | -                                                                                          | 180,829                                | -                                  | 21,908,054              |
| 12,093,277                | 1.29%                                                                                  | 3.0%                                               | 20,398,281                         | (924,353)                              | 2,514,022                           | -                                                                  | (99,824)                            | -                                                                                          | 181,009                                | -                                  | 22,069,135              |
| 11,933,135                | 1.29%                                                                                  | 3.0%                                               | 20,519,729                         | (920,885)                              | 2,514,230                           | -                                                                  | (98,370)                            | -                                                                                          | 181,189                                | -                                  | 22,195,892              |
| 11,755,832                | 1.29%                                                                                  | 3.0%                                               | 20,605,153                         | (917,431)                              | 2,514,387                           | -                                                                  | (96,938)                            | -                                                                                          | 181,368                                | -                                  | 22,286,539              |
| 11,563,633                | 1.29%                                                                                  | 3.0%                                               | 20,656,890                         | (913,989)                              | 2,514,491                           | -                                                                  | (95,526)                            | -                                                                                          | 181,546                                | -                                  | 22,343,413              |
| 11,356,782                | 1.29%                                                                                  | 3.0%                                               | 20,673,499                         | (910,560)                              | 2,514,545                           | -                                                                  | (94,135)                            | -                                                                                          | 181,724                                | -                                  | 22,365,074              |
| 15,474,986                | 1.29%                                                                                  | 3.0%                                               | 28,489,181                         | (489,311)                              | 8,577,578                           | -                                                                  | (92,764)                            | (5,545,614)                                                                                | 669,076                                | -                                  | 31,608,146              |
| 17,885,639                | 1.29%                                                                                  | 3.0%                                               | 28,583,563                         | (488,055)                              | 8,555,243                           | -                                                                  | (91,413)                            | -                                                                                          | 669,699                                | -                                  | 37,229,037              |
| 17,565,347                | 1.29%                                                                                  | 3.0%                                               | 28,648,278                         | (486,802)                              | 8,532,975                           | -                                                                  | (90,082)                            | -                                                                                          | 670,324                                | -                                  | 37,274,694              |
| 17,237,804                | 1.29%                                                                                  | 3.0%                                               | 28,684,976                         | (485,553)                              | 8,510,774                           | -                                                                  | (88,770)                            | -                                                                                          | 670,949                                | -                                  | 37,292,376              |
| 16,902,931                | 1.29%                                                                                  | 3.0%                                               | 28,692,076                         | (484,306)                              | 8,488,640                           | -                                                                  | (87,477)                            | -                                                                                          | 671,575                                | -                                  | 37,280,508              |
| 16,562,179                | 1.29%                                                                                  | 3.0%                                               | 28,671,365                         | (483,063)                              | 8,466,572                           | -                                                                  | (86,203)                            | -                                                                                          | 672,202                                | -                                  | 37,240,872              |
| 16,212,972                | 1.29%                                                                                  | 3.0%                                               | 28,615,621                         | (481,823)                              | 8,444,570                           | -                                                                  | (84,948)                            | -                                                                                          | 672,829                                | -                                  | 37,166,249              |
| 15,857,077                | 1.29%                                                                                  | 3.0%                                               | 28,527,249                         | (480,586)                              | 8,422,635                           | -                                                                  | (83,711)                            | -                                                                                          | 673,458                                | -                                  | 37,059,045              |
| 15,493,746                | 1.29%                                                                                  | 3.0%                                               | 28,402,927                         | (479,353)                              | 8,400,765                           | -                                                                  | (82,491)                            | -                                                                                          | 674,087                                | -                                  | 36,915,934              |
| 15,124,775                | 1.29%                                                                                  | 3.0%                                               | 28,245,313                         | (478,122)                              | 8,378,961                           | -                                                                  | (81,290)                            | -                                                                                          | 674,717                                | -                                  | 36,739,578              |
| 14,748,583                | 1.29%                                                                                  | 3.0%                                               | 28,048,999                         | (476,895)                              | 8,357,222                           | -                                                                  | (80,106)                            | -                                                                                          | 675,348                                | -                                  | 36,524,567              |
| 14,366,083                | 1.29%                                                                                  | 3.0%                                               | 27,814,500                         | (475,671)                              | 8,335,549                           | -                                                                  | (78,940)                            | -                                                                                          | 675,979                                | -                                  | 36,271,417              |
| 13,976,249                | 1.29%                                                                                  | 3.0%                                               | 27,537,481                         | (474,450)                              | 8,313,940                           | -                                                                  | (77,790)                            | -                                                                                          | 676,612                                | -                                  | 35,975,793              |
| 13,580,274                | 1.29%                                                                                  | 3.0%                                               | 27,219,142                         | (473,232)                              | 8,292,396                           | -                                                                  | (76,657)                            | -                                                                                          | 677,245                                | -                                  | 35,638,894              |
| 12,205,697                | 1.29%                                                                                  | 3.0%                                               | 26,858,416                         | (472,017)                              | 8,270,917                           | -                                                                  | (75,541)                            | (2,593,890)                                                                                | 677,879                                | -                                  | 32,665,764              |
| 0                         | 1.29%                                                                                  | 3.0%                                               | -                                  | -                                      | -                                   | -                                                                  | -                                   | -                                                                                          | -                                      | -                                  | -                       |
| \$ 445,500,258            |                                                                                        |                                                    | \$ 951,645,165                     | \$ (44,014,202)                        | \$ 74,893,109                       | \$ (26,035,452)                                                    | \$ (5,120,636)                      | \$ (32,669,100)                                                                            | \$ (16,554,705)                        | \$ (11,383,238)                    | \$ 890,760,941          |

# Appendix M.3 – Cost-Benefit Analysis Results Acceptable Fit Including Solar Array

| TAG Discounting (3.5% for 30 years then 3.0%) |                  |                |                       |
|-----------------------------------------------|------------------|----------------|-----------------------|
| Benefits PV                                   |                  |                |                       |
|                                               | USD              | CID            |                       |
| Proposed - No Build Low Growth                | \$ 904,468,298   | \$ 760,057,393 |                       |
| Proposed - No Build Medium Growth             | \$ 1,090,797,725 | \$ 916,636,743 |                       |
| Costs PV                                      |                  |                |                       |
|                                               | USD              | CID            |                       |
| Proposed - No Build                           | \$ 295,428,079   | \$ 248,258,890 |                       |
| NPV (Benefits - Costs)                        |                  |                |                       |
|                                               | USD              | CID            | Benefit to Cost Ratio |
| Proposed - No Build Low Growth                | \$ 609,040,219   | \$ 511,798,504 | 3.1                   |
| Proposed - No Build Medium Growth             | \$ 795,369,646   | \$ 668,377,854 | 3.7                   |

WebTAG Discounting Values

\*Negative values are shown in parenthesis within this appendix

| 5% Discounting                    |                |                |                       |
|-----------------------------------|----------------|----------------|-----------------------|
| Benefits PV                       |                |                |                       |
|                                   | USD            | CID            |                       |
| Proposed - No Build Low Growth    | \$ 476,730,539 | \$ 400,613,898 |                       |
| Proposed - No Build Medium Growth | \$ 550,635,665 | \$ 462,719,046 |                       |
| Costs PV                          |                |                |                       |
|                                   | USD            | CID            |                       |
| Proposed - No Build               | \$ 228,044,011 | \$ 191,633,622 |                       |
| NPV (Benefits - Costs)            |                |                |                       |
|                                   | USD            | CID            | Benefit to Cost Ratio |
| Proposed - No Build Low Growth    | \$ 248,686,528 | \$ 208,980,276 | 2.1                   |
| Proposed - No Build Medium Growth | \$ 322,591,654 | \$ 271,085,424 | 2.4                   |

| 2% Discounting                    |                  |                  |                       |
|-----------------------------------|------------------|------------------|-----------------------|
| Benefits PV                       |                  |                  |                       |
|                                   | USD              | CID              |                       |
| Proposed - No Build Low Growth    | \$ 1,388,648,397 | \$ 1,166,931,426 |                       |
| Proposed - No Build Medium Growth | \$ 1,661,200,849 | \$ 1,395,967,100 |                       |
| Costs PV                          |                  |                  |                       |
|                                   | USD              | CID              |                       |
| Proposed - No Build               | \$ 369,703,666   | \$ 310,675,349   |                       |
| NPV (Benefits - Costs)            |                  |                  |                       |
|                                   | USD              | CID              | Benefit to Cost Ratio |
| Proposed - No Build Low Growth    | \$ 1,018,944,731 | \$ 856,256,076   | 3.8                   |
| Proposed - No Build Medium Growth | \$ 1,291,497,183 | \$ 1,085,291,751 | 4.5                   |

Sensitivity Analysis Discounting Values

Cost Summary

| Summary of Estimated Construction and Maintenance Costs (2024 US Dollars) |              |                                    |                                   |                                                  |            |                                           |
|---------------------------------------------------------------------------|--------------|------------------------------------|-----------------------------------|--------------------------------------------------|------------|-------------------------------------------|
|                                                                           |              | New Construction w/<br>Contingency | Rehab Construction w/ Contingency | Terrestrial Ecology<br>Mitigation w/ Contingency | ROW        | Total Road Cost By<br>Year w/ Contingency |
| Proposed Project<br>minus No Build<br>Summary                             | 2024 Totals: | -                                  | -                                 | -                                                | 20,334,257 | 20,334,257                                |
|                                                                           | 2026 Totals: | 95,602,206                         | (18,845,200)                      | 15,585,732                                       | -          | 92,342,738                                |
|                                                                           | 2036 Totals: | 86,267,399                         | 815,971                           | 9,351,439                                        | -          | 96,434,809                                |
|                                                                           | 2046 Totals: | 46,364,715                         | 25,999,127                        | 3,117,146                                        | -          | 75,480,988                                |
|                                                                           | 2060 Totals: | 55,515,690                         | 76,952,421                        | 3,117,146                                        | -          | 135,585,258                               |
|                                                                           | 2074 Totals: | 11,588,338                         | 56,848,049                        | -                                                | -          | 68,436,387                                |
|                                                                           | Total        | 295,338,348                        | 141,770,368                       | 31,171,464                                       | 20,334,257 | 488,614,437                               |

| Summary of Estimated Construction and Maintenance Costs (2024 CI Dollars) |              |                                    |                                   |                                                  |            |                                           |
|---------------------------------------------------------------------------|--------------|------------------------------------|-----------------------------------|--------------------------------------------------|------------|-------------------------------------------|
|                                                                           |              | New Construction w/<br>Contingency | Rehab Construction w/ Contingency | Terrestrial Ecology<br>Mitigation w/ Contingency | ROW        | Total Road Cost By<br>Year w/ Contingency |
| Proposed Project<br>minus No Build<br>Summary                             | 2024 Totals: | -                                  | -                                 | -                                                | 17,087,611 | 17,087,611                                |
|                                                                           | 2026 Totals: | 80,337,988                         | (15,836,303)                      | 13,097,254                                       | -          | 77,598,939                                |
|                                                                           | 2036 Totals: | 72,493,613                         | 685,690                           | 7,858,352                                        | -          | 81,037,655                                |
|                                                                           | 2046 Totals: | 38,961,945                         | 21,848,006                        | 2,619,451                                        | -          | 63,429,402                                |
|                                                                           | 2060 Totals: | 46,651,841                         | 64,665,900                        | 2,619,451                                        | -          | 113,937,192                               |
|                                                                           | 2074 Totals: | 9,738,099                          | 47,771,470                        | -                                                | -          | 57,509,569                                |
|                                                                           | Total        | 248,183,486                        | 119,134,763                       | 26,194,508                                       | 17,087,611 | 410,600,368                               |

Proposed Project minus No-Build Costs (USD)

|                           | N  | Year  | Cost Categories: all values in constant US 2024 \$ |                                                 |               |                                          |                                |                  |                | Present Value Costs    |                        |                        |                        | Present Value Costs Using WebTAG Discount Schedule |                                               |
|---------------------------|----|-------|----------------------------------------------------|-------------------------------------------------|---------------|------------------------------------------|--------------------------------|------------------|----------------|------------------------|------------------------|------------------------|------------------------|----------------------------------------------------|-----------------------------------------------|
|                           |    |       | New Construction Cost Subtotal w/ Contingency      | Rehab Construction Cost Subtotal w/ Contingency | ROW Cost      | Potential Mitigation Cost w/ Contingency | Total Road Cost w/ Contingency | Total Solar Cost | Total Cost     | Total Costs Discounted | Total Costs Discounted | Total Costs Discounted | Total Costs Discounted | WebTAG Discount Schedule                           | New Construction Cost Subtotal w/ Contingency |
|                           |    |       |                                                    |                                                 |               |                                          |                                |                  |                | 2%                     | 3%                     | 3.5%                   | 5%                     |                                                    | Years 0-30 3.5%; Years 31-75 3%               |
| Proposed Project-No Build | 1  | 2024  | -                                                  | -                                               | 20,334,257    | -                                        | 20,334,257                     | -                | 20,334,257     | 19,935,546             | 19,741,997             | 19,646,625             | 19,365,959             | 3.5%                                               | -                                             |
|                           | 2  | 2025  | -                                                  | -                                               | -             | -                                        | -                              | -                | -              | -                      | -                      | -                      | -                      | 3.5%                                               | -                                             |
|                           | 3  | 2026  | 95,602,206                                         | (18,845,200)                                    | -             | 15,585,732                               | 92,342,738                     | -                | 92,342,738     | 87,016,624             | 84,506,686             | 83,287,859             | 79,769,129             | 3.5%                                               | 86,227,712                                    |
|                           | 4  | 2027  | -                                                  | -                                               | -             | -                                        | -                              | -                | -              | -                      | -                      | -                      | -                      | 3.5%                                               | -                                             |
|                           | 5  | 2028  | -                                                  | -                                               | -             | -                                        | -                              | -                | -              | -                      | -                      | -                      | -                      | 3.5%                                               | -                                             |
|                           | 6  | 2029  | -                                                  | -                                               | -             | -                                        | -                              | -                | -              | -                      | -                      | -                      | -                      | 3.5%                                               | -                                             |
|                           | 7  | 2030  | -                                                  | -                                               | -             | -                                        | -                              | -                | -              | -                      | -                      | -                      | -                      | 3.5%                                               | -                                             |
|                           | 8  | 2031  | -                                                  | -                                               | -             | -                                        | -                              | -                | -              | -                      | -                      | -                      | -                      | 3.5%                                               | -                                             |
|                           | 9  | 2032  | -                                                  | -                                               | -             | -                                        | -                              | -                | -              | -                      | -                      | -                      | -                      | 3.5%                                               | -                                             |
|                           | 10 | 2033  | -                                                  | -                                               | -             | -                                        | -                              | -                | -              | -                      | -                      | -                      | -                      | 3.5%                                               | -                                             |
|                           | 11 | 2034  | -                                                  | -                                               | -             | -                                        | -                              | -                | -              | -                      | -                      | -                      | -                      | 3.5%                                               | -                                             |
|                           | 12 | 2035  | -                                                  | -                                               | -             | -                                        | -                              | -                | -              | -                      | -                      | -                      | -                      | 3.5%                                               | -                                             |
|                           | 13 | 2036  | 86,267,399                                         | 815,971                                         | -             | 9,351,439                                | 96,434,809                     | -                | 96,434,809     | 74,547,244             | 65,667,413             | 61,660,818             | 51,141,438             | 3.5%                                               | 55,159,733                                    |
|                           | 14 | 2037  | -                                                  | -                                               | -             | -                                        | -                              | -                | -              | -                      | -                      | -                      | -                      | 3.5%                                               | -                                             |
|                           | 15 | 2038  | -                                                  | -                                               | -             | -                                        | -                              | -                | -              | -                      | -                      | -                      | -                      | 3.5%                                               | -                                             |
|                           | 16 | 2039  | -                                                  | -                                               | -             | -                                        | -                              | -                | -              | -                      | -                      | -                      | -                      | 3.5%                                               | -                                             |
|                           | 17 | 2040  | -                                                  | -                                               | -             | -                                        | -                              | -                | -              | -                      | -                      | -                      | -                      | 3.5%                                               | -                                             |
|                           | 18 | 2041  | -                                                  | -                                               | -             | -                                        | -                              | -                | -              | -                      | -                      | -                      | -                      | 3.5%                                               | -                                             |
|                           | 19 | 2042  | -                                                  | -                                               | -             | -                                        | -                              | -                | -              | -                      | -                      | -                      | -                      | 3.5%                                               | -                                             |
|                           | 20 | 2043  | -                                                  | -                                               | -             | -                                        | -                              | -                | -              | -                      | -                      | -                      | -                      | 3.5%                                               | -                                             |
|                           | 21 | 2044  | -                                                  | -                                               | -             | -                                        | -                              | -                | -              | -                      | -                      | -                      | -                      | 3.5%                                               | -                                             |
|                           | 22 | 2045  | -                                                  | -                                               | -             | -                                        | -                              | 65,176,000       | 65,176,000     | 42,158,381             | 34,014,866             | 30,577,362             | 22,280,407             | 3.5%                                               | -                                             |
|                           | 23 | 2046  | 46,364,715                                         | 25,999,127                                      | -             | 3,117,146                                | 75,480,988                     | 558,292          | 76,039,280     | 48,220,759             | 38,528,476             | 34,467,513             | 24,756,208             | 3.5%                                               | 21,016,459                                    |
|                           | 24 | 2047  | -                                                  | -                                               | -             | -                                        | -                              | 558,292          | 558,292        | 347,102                | 274,643                | 244,508                | 173,108                | 3.5%                                               | -                                             |
|                           | 25 | 2048  | -                                                  | -                                               | -             | -                                        | -                              | 558,292          | 558,292        | 340,296                | 266,643                | 236,240                | 164,865                | 3.5%                                               | -                                             |
|                           | 26 | 2049  | -                                                  | -                                               | -             | -                                        | -                              | 558,292          | 558,292        | 333,624                | 258,877                | 228,251                | 157,014                | 3.5%                                               | -                                             |
|                           | 27 | 2050  | -                                                  | -                                               | -             | -                                        | -                              | 558,292          | 558,292        | 327,082                | 251,337                | 220,532                | 149,538                | 3.5%                                               | -                                             |
|                           | 28 | 2051  | -                                                  | -                                               | -             | -                                        | -                              | 558,292          | 558,292        | 320,669                | 244,016                | 213,075                | 142,417                | 3.5%                                               | -                                             |
|                           | 29 | 2052  | -                                                  | -                                               | -             | -                                        | -                              | 558,292          | 558,292        | 314,381                | 236,909                | 205,869                | 135,635                | 3.5%                                               | -                                             |
|                           | 30 | 2053  | -                                                  | -                                               | -             | -                                        | -                              | 558,292          | 558,292        | 308,217                | 230,009                | 198,907                | 129,176                | 3.5%                                               | -                                             |
|                           | 31 | 2054  | -                                                  | -                                               | -             | -                                        | -                              | 558,292          | 558,292        | 302,173                | 223,310                | 192,181                | 123,025                | 3.0%                                               | -                                             |
|                           | 32 | 2055  | -                                                  | -                                               | -             | -                                        | -                              | 558,292          | 558,292        | 296,248                | 216,805                | 185,682                | 117,167                | 3.0%                                               | -                                             |
|                           | 33 | 2056  | -                                                  | -                                               | -             | -                                        | -                              | 558,292          | 558,292        | 290,440                | 210,491                | 179,403                | 111,587                | 3.0%                                               | -                                             |
|                           | 34 | 2057  | -                                                  | -                                               | -             | -                                        | -                              | 558,292          | 558,292        | 284,745                | 204,360                | 173,336                | 106,274                | 3.0%                                               | -                                             |
|                           | 35 | 2058  | -                                                  | -                                               | -             | -                                        | -                              | 558,292          | 558,292        | 279,161                | 198,408                | 167,475                | 101,213                | 3.0%                                               | -                                             |
|                           | 36 | 2059  | -                                                  | -                                               | -             | -                                        | -                              | 558,292          | 558,292        | 273,688                | 192,629                | 161,811                | 96,393                 | 3.0%                                               | -                                             |
|                           | 37 | 2060  | 55,515,690                                         | 76,952,421                                      | -             | 3,117,146                                | 135,585,258                    | 558,292          | 136,143,550    | 65,432,078             | 45,605,766             | 38,124,498             | 22,386,851             | 3.0%                                               | 18,596,809                                    |
|                           | 38 | 2061  | -                                                  | -                                               | -             | -                                        | -                              | 558,292          | 558,292        | 263,060                | 181,571                | 151,053                | 87,432                 | 3.0%                                               | -                                             |
|                           | 39 | 2062  | -                                                  | -                                               | -             | -                                        | -                              | 558,292          | 558,292        | 257,902                | 176,283                | 145,945                | 83,268                 | 3.0%                                               | -                                             |
|                           | 40 | 2063  | -                                                  | -                                               | -             | -                                        | -                              | 558,292          | 558,292        | 252,845                | 171,148                | 141,009                | 79,303                 | 3.0%                                               | -                                             |
|                           | 41 | 2064  | -                                                  | -                                               | -             | -                                        | -                              | 558,292          | 558,292        | 247,887                | 166,163                | 136,241                | 75,527                 | 3.0%                                               | -                                             |
|                           | 42 | 2065  | -                                                  | -                                               | -             | -                                        | -                              | 558,292          | 558,292        | 243,027                | 161,324                | 131,634                | 71,930                 | 3.0%                                               | -                                             |
|                           | 43 | 2066  | -                                                  | -                                               | -             | -                                        | -                              | 558,292          | 558,292        | 238,262                | 156,625                | 127,182                | 68,505                 | 3.0%                                               | -                                             |
|                           | 44 | 2067  | -                                                  | -                                               | -             | -                                        | -                              | 558,292          | 558,292        | 233,590                | 152,063                | 122,881                | 65,243                 | 3.0%                                               | -                                             |
|                           | 45 | 2068  | -                                                  | -                                               | -             | -                                        | -                              | 558,292          | 558,292        | 229,010                | 147,634                | 118,726                | 62,136                 | 3.0%                                               | -                                             |
|                           | 46 | 2069  | -                                                  | -                                               | -             | -                                        | -                              | 558,292          | 558,292        | 224,519                | 143,334                | 114,711                | 59,177                 | 3.0%                                               | -                                             |
|                           | 47 | 2070  | -                                                  | -                                               | -             | -                                        | -                              | 558,292          | 558,292        | 220,117                | 139,159                | 110,832                | 56,359                 | 3.0%                                               | -                                             |
|                           | 48 | 2071  | -                                                  | -                                               | -             | -                                        | -                              | 558,292          | 558,292        | 215,801                | 135,106                | 107,084                | 53,675                 | 3.0%                                               | -                                             |
|                           | 49 | 2072  | -                                                  | -                                               | -             | -                                        | -                              | 558,292          | 558,292        | 211,569                | 131,171                | 103,463                | 51,119                 | 3.0%                                               | -                                             |
|                           | 50 | 2073  | -                                                  | -                                               | -             | -                                        | -                              | 558,292          | 558,292        | 207,421                | 127,350                | 99,964                 | 48,685                 | 3.0%                                               | -                                             |
|                           | 51 | 2074  | 11,588,338                                         | 56,848,049                                      | -             | -                                        | 68,436,387                     | 558,292          | 68,994,679     | 25,130,830             | 15,279,781             | 11,935,971             | 5,730,089              | 3.0%                                               | 2,566,390                                     |
|                           | 52 | 2075  | -                                                  | -                                               | -             | -                                        | -                              | 558,292          | 558,292        | 199,367                | 123,641                | 96,584                 | 44,159                 | 3.0%                                               | -                                             |
|                           |    | Total | \$ 295,338,348                                     | \$ 141,770,368                                  | \$ 20,334,257 | \$ 31,171,464                            | \$ 468,280,180                 | \$ 81,924,760    | \$ 570,539,197 | \$ 369,703,666         | \$ 308,465,994         | \$ 284,015,223         | \$ 228,044,011         |                                                    | \$ 183,567,104                                |

|                                                 |                                 |                                          |                                 |                                 |                                 |
|-------------------------------------------------|---------------------------------|------------------------------------------|---------------------------------|---------------------------------|---------------------------------|
|                                                 |                                 |                                          |                                 |                                 |                                 |
| Rehab Construction Cost Subtotal w/ Contingency | ROW Cost                        | Potential Mitigation Cost w/ Contingency | Total Road Cost w/ Contingency  | Total Solar Cost                | Total Cost                      |
| Years 0-30 3.5%; Years 31-75 3%                 | Years 0-30 3.5%; Years 31-75 3% | Years 0-30 3.5%; Years 31-75 3%          | Years 0-30 3.5%; Years 31-75 3% | Years 0-30 3.5%; Years 31-75 3% | Years 0-30 3.5%; Years 31-75 3% |
| -                                               | 19,646,625                      | -                                        | 19,646,625                      | -                               | 19,646,625                      |
| -                                               | -                               | -                                        | -                               | -                               | -                               |
| (16,997,291)                                    | -                               | 14,057,437                               | 83,287,859                      | -                               | 83,287,859                      |
| -                                               | -                               | -                                        | -                               | -                               | -                               |
| -                                               | -                               | -                                        | -                               | -                               | -                               |
| -                                               | -                               | -                                        | -                               | -                               | -                               |
| -                                               | -                               | -                                        | -                               | -                               | -                               |
| -                                               | -                               | -                                        | -                               | -                               | -                               |
| -                                               | -                               | -                                        | -                               | -                               | -                               |
| -                                               | -                               | -                                        | -                               | -                               | -                               |
| -                                               | -                               | -                                        | -                               | -                               | -                               |
| -                                               | -                               | -                                        | -                               | -                               | -                               |
| 521,735                                         | -                               | 5,979,349                                | 61,660,818                      | -                               | 61,660,818                      |
| -                                               | -                               | -                                        | -                               | -                               | -                               |
| -                                               | -                               | -                                        | -                               | -                               | -                               |
| -                                               | -                               | -                                        | -                               | -                               | -                               |
| -                                               | -                               | -                                        | -                               | -                               | -                               |
| -                                               | -                               | -                                        | -                               | -                               | -                               |
| -                                               | -                               | -                                        | -                               | -                               | -                               |
| -                                               | -                               | -                                        | -                               | -                               | -                               |
| -                                               | -                               | -                                        | -                               | -                               | -                               |
| -                                               | -                               | -                                        | -                               | -                               | -                               |
| -                                               | -                               | -                                        | -                               | 30,577,362                      | 30,577,362                      |
| 11,785,031                                      | -                               | 1,412,958                                | 34,214,447                      | 253,066                         | 34,467,513                      |
| -                                               | -                               | -                                        | -                               | 244,508                         | 244,508                         |
| -                                               | -                               | -                                        | -                               | 236,240                         | 236,240                         |
| -                                               | -                               | -                                        | -                               | 228,251                         | 228,251                         |
| -                                               | -                               | -                                        | -                               | 220,532                         | 220,532                         |
| -                                               | -                               | -                                        | -                               | 213,075                         | 213,075                         |
| -                                               | -                               | -                                        | -                               | 205,869                         | 205,869                         |
| -                                               | -                               | -                                        | -                               | 198,907                         | 198,907                         |
| -                                               | -                               | -                                        | -                               | 223,310                         | 223,310                         |
| -                                               | -                               | -                                        | -                               | 216,805                         | 216,805                         |
| -                                               | -                               | -                                        | -                               | 210,491                         | 210,491                         |
| -                                               | -                               | -                                        | -                               | 204,360                         | 204,360                         |
| -                                               | -                               | -                                        | -                               | 198,408                         | 198,408                         |
| -                                               | -                               | -                                        | -                               | 192,629                         | 192,629                         |
| 25,777,748                                      | -                               | 1,044,191                                | 45,418,748                      | 187,018                         | 45,605,766                      |
| -                                               | -                               | -                                        | -                               | 181,571                         | 181,571                         |
| -                                               | -                               | -                                        | -                               | 176,283                         | 176,283                         |
| -                                               | -                               | -                                        | -                               | 171,148                         | 171,148                         |
| -                                               | -                               | -                                        | -                               | 166,163                         | 166,163                         |
| -                                               | -                               | -                                        | -                               | 161,324                         | 161,324                         |
| -                                               | -                               | -                                        | -                               | 156,625                         | 156,625                         |
| -                                               | -                               | -                                        | -                               | 152,063                         | 152,063                         |
| -                                               | -                               | -                                        | -                               | 147,634                         | 147,634                         |
| -                                               | -                               | -                                        | -                               | 143,334                         | 143,334                         |
| -                                               | -                               | -                                        | -                               | 139,159                         | 139,159                         |
| -                                               | -                               | -                                        | -                               | 135,106                         | 135,106                         |
| -                                               | -                               | -                                        | -                               | 131,171                         | 131,171                         |
| -                                               | -                               | -                                        | -                               | 127,350                         | 127,350                         |
| 12,589,750                                      | -                               | -                                        | 15,156,140                      | 123,641                         | 15,279,781                      |
| -                                               | -                               | -                                        | -                               | 120,040                         | 120,040                         |
| \$ 33,676,973                                   | \$ 19,646,625                   | \$ 22,493,935                            | \$ 259,384,637                  | \$ 36,043,442                   | \$ 295,428,079                  |

Proposed Project 2074 Low Growth Scenario minus No-Build Benefits (USD)

| N  | Year  | Undiscounted Benefit Categories: all values in constant 2024 \$ |                 |                                  |                                                           |                                  |                                                                                |                                      |                 |                                         |                                            | Total Benefits<br>(Undiscounted) |
|----|-------|-----------------------------------------------------------------|-----------------|----------------------------------|-----------------------------------------------------------|----------------------------------|--------------------------------------------------------------------------------|--------------------------------------|-----------------|-----------------------------------------|--------------------------------------------|----------------------------------|
|    |       | Traffic Benefits                                                | Noise Benefits  | Traffic-Related Carbon Emissions | Estimated Peat Removal Carbon Emissions from Construction | Annual Carbon Sequestration Loss | Bulk Material, Construction Tailpipe, and Commuter/Delivery Tailpipe Emissions | Traffic-Related Non-Carbon Emissions | Amenity Loss    | Electric Cost Savings from Solar Canopy | Carbon Emissions Savings from Solar Canopy |                                  |
| 1  | 2024  | -                                                               | -               | -                                | -                                                         | -                                | -                                                                              | -                                    | -               | -                                       | -                                          | -                                |
| 2  | 2025  | -                                                               | -               | -                                | -                                                         | -                                | -                                                                              | -                                    | -               | -                                       | -                                          | -                                |
| 3  | 2026  | (6,690,493)                                                     | (1,103,720)     | (9,808,855)                      | (28,865,971)                                              | (166,396)                        | (13,102,223)                                                                   | (3,686,401)                          | (12,620,800)    | -                                       | -                                          | (76,044,858)                     |
| 4  | 2027  | (4,145,773)                                                     | (1,140,915)     | (10,231,395)                     | -                                                         | (168,930)                        | -                                                                              | (3,835,356)                          | -               | -                                       | -                                          | (19,522,369)                     |
| 5  | 2028  | (1,134,521)                                                     | (1,179,364)     | (10,671,495)                     | -                                                         | (171,502)                        | -                                                                              | (3,980,190)                          | -               | -                                       | -                                          | (17,137,073)                     |
| 6  | 2029  | 2,438,690                                                       | (1,219,109)     | (11,129,846)                     | -                                                         | (174,114)                        | -                                                                              | (4,138,306)                          | -               | -                                       | -                                          | (14,222,684)                     |
| 7  | 2030  | 6,679,890                                                       | (1,260,193)     | (11,607,162)                     | -                                                         | (176,765)                        | -                                                                              | (4,292,222)                          | -               | -                                       | -                                          | (10,656,453)                     |
| 8  | 2031  | 11,737,521                                                      | (1,302,661)     | (12,104,185)                     | -                                                         | (179,457)                        | -                                                                              | (4,379,418)                          | -               | -                                       | -                                          | (6,228,201)                      |
| 9  | 2032  | 17,749,422                                                      | (1,346,561)     | (12,621,682)                     | -                                                         | (182,190)                        | -                                                                              | (4,467,527)                          | -               | -                                       | -                                          | (868,538)                        |
| 10 | 2033  | 24,927,653                                                      | (1,391,940)     | (13,160,444)                     | -                                                         | (184,965)                        | -                                                                              | (4,556,510)                          | -               | -                                       | -                                          | 5,633,794                        |
| 11 | 2034  | 33,516,083                                                      | (1,438,848)     | (13,721,295)                     | -                                                         | (187,781)                        | -                                                                              | (4,646,320)                          | -               | -                                       | -                                          | 13,521,839                       |
| 12 | 2035  | 43,822,199                                                      | (1,487,338)     | (14,305,082)                     | -                                                         | (190,641)                        | -                                                                              | (4,736,910)                          | -               | -                                       | -                                          | 23,102,229                       |
| 13 | 2036  | 23,125,143                                                      | (1,480,350)     | 1,063,881                        | -                                                         | (193,544)                        | (12,639,139)                                                                   | 1,020,253                            | -               | -                                       | -                                          | 10,896,243                       |
| 14 | 2037  | 24,959,462                                                      | (1,515,139)     | 1,120,562                        | -                                                         | (196,491)                        | -                                                                              | 1,051,445                            | -               | -                                       | -                                          | 25,419,839                       |
| 15 | 2038  | 26,984,635                                                      | (1,550,744)     | 1,180,137                        | -                                                         | (199,484)                        | -                                                                              | 1,083,527                            | -               | -                                       | -                                          | 27,498,071                       |
| 16 | 2039  | 29,232,471                                                      | (1,587,187)     | 1,242,751                        | -                                                         | (202,522)                        | -                                                                              | 1,116,524                            | -               | -                                       | -                                          | 29,802,037                       |
| 17 | 2040  | 31,702,970                                                      | (1,624,486)     | 1,308,552                        | -                                                         | (205,606)                        | -                                                                              | 1,150,460                            | -               | -                                       | -                                          | 32,331,891                       |
| 18 | 2041  | 34,427,941                                                      | (1,662,661)     | 1,377,390                        | -                                                         | (208,690)                        | -                                                                              | 1,185,361                            | -               | -                                       | -                                          | 35,119,341                       |
| 19 | 2042  | 37,428,590                                                      | (1,701,734)     | 1,449,706                        | -                                                         | (211,820)                        | -                                                                              | 1,221,254                            | -               | -                                       | -                                          | 38,185,995                       |
| 20 | 2043  | 40,726,123                                                      | (1,741,725)     | 1,525,671                        | -                                                         | (214,997)                        | -                                                                              | 1,258,165                            | -               | -                                       | -                                          | 41,553,237                       |
| 21 | 2044  | 44,352,349                                                      | (1,782,655)     | 1,605,464                        | -                                                         | (218,222)                        | -                                                                              | 1,296,122                            | -               | -                                       | -                                          | 45,253,058                       |
| 22 | 2045  | 48,328,474                                                      | (1,824,547)     | 1,689,272                        | -                                                         | (221,496)                        | -                                                                              | 1,335,155                            | -               | -                                       | (20,563,338)                               | 28,743,521                       |
| 23 | 2046  | 35,042,915                                                      | (1,283,986)     | 4,953,104                        | -                                                         | (224,818)                        | (10,215,685)                                                                   | 240,872                              | -               | 9,126,810                               | 11,802,081                                 | 49,441,292                       |
| 24 | 2047  | 37,587,635                                                      | (1,289,379)     | 5,047,244                        | -                                                         | (228,190)                        | -                                                                              | 241,941                              | -               | 9,062,785                               | 11,895,078                                 | 62,317,114                       |
| 25 | 2048  | 40,174,767                                                      | (1,294,794)     | 5,143,365                        | -                                                         | (231,613)                        | -                                                                              | 242,977                              | -               | 8,999,210                               | 11,988,809                                 | 65,022,720                       |
| 26 | 2049  | 42,783,105                                                      | (1,300,233)     | 5,241,512                        | -                                                         | (235,087)                        | -                                                                              | 244,020                              | -               | 8,936,081                               | 12,083,278                                 | 67,752,676                       |
| 27 | 2050  | 45,433,855                                                      | (1,305,693)     | 5,341,730                        | -                                                         | (238,614)                        | -                                                                              | 245,071                              | -               | 8,873,394                               | 12,178,492                                 | 70,528,234                       |
| 28 | 2051  | 48,116,414                                                      | (1,311,177)     | 5,444,066                        | -                                                         | (242,193)                        | -                                                                              | 246,129                              | -               | 8,811,147                               | 12,274,455                                 | 73,338,841                       |
| 29 | 2052  | 50,830,782                                                      | (1,316,684)     | 5,548,569                        | -                                                         | (245,826)                        | -                                                                              | 247,194                              | -               | 8,749,337                               | 12,371,175                                 | 76,184,547                       |
| 30 | 2053  | 53,587,562                                                      | (1,322,214)     | 5,655,286                        | -                                                         | (249,513)                        | -                                                                              | 248,267                              | -               | 8,687,960                               | 12,468,657                                 | 79,076,005                       |
| 31 | 2054  | 56,376,151                                                      | (1,327,768)     | 5,764,268                        | -                                                         | (253,256)                        | -                                                                              | 249,347                              | -               | 8,627,014                               | 12,566,908                                 | 82,002,665                       |
| 32 | 2055  | 59,207,152                                                      | (1,333,344)     | 5,875,567                        | -                                                         | (257,055)                        | -                                                                              | 250,435                              | -               | 8,566,496                               | 12,665,932                                 | 84,975,183                       |
| 33 | 2056  | 62,069,962                                                      | (1,338,944)     | 5,989,235                        | -                                                         | (260,911)                        | -                                                                              | 251,531                              | -               | 8,506,402                               | 12,765,737                                 | 87,983,011                       |
| 34 | 2057  | 64,964,581                                                      | (1,344,568)     | 6,105,325                        | -                                                         | (264,824)                        | -                                                                              | 252,634                              | -               | 8,446,729                               | 12,866,328                                 | 91,026,205                       |
| 35 | 2058  | 67,912,215                                                      | (1,350,215)     | 6,223,892                        | -                                                         | (268,797)                        | -                                                                              | 253,745                              | -               | 8,387,476                               | 12,967,712                                 | 94,126,028                       |
| 36 | 2059  | 70,891,658                                                      | (1,355,886)     | 6,344,994                        | -                                                         | (272,828)                        | -                                                                              | 254,863                              | -               | 8,328,637                               | 13,069,894                                 | 97,261,332                       |
| 37 | 2060  | 89,521,129                                                      | (902,574)       | (24,252,821)                     | -                                                         | (276,921)                        | (16,554,916)                                                                   | (887,456)                            | -               | 8,270,212                               | 13,172,882                                 | 68,089,534                       |
| 38 | 2061  | 93,073,134                                                      | (907,087)       | (24,788,654)                     | -                                                         | (281,075)                        | -                                                                              | (893,502)                            | -               | 8,212,196                               | 13,276,682                                 | 87,691,694                       |
| 39 | 2062  | 96,720,566                                                      | (911,623)       | (25,336,211)                     | -                                                         | (285,291)                        | -                                                                              | (899,585)                            | -               | 8,154,588                               | 13,381,299                                 | 90,823,742                       |
| 40 | 2063  | 100,452,822                                                     | (916,181)       | (25,895,748)                     | -                                                         | (289,570)                        | -                                                                              | (905,708)                            | -               | 8,097,383                               | 13,486,740                                 | 94,029,739                       |
| 41 | 2064  | 104,291,108                                                     | (920,762)       | (26,467,524)                     | -                                                         | (293,914)                        | -                                                                              | (911,870)                            | -               | 8,040,580                               | 13,593,013                                 | 97,330,631                       |
| 42 | 2065  | 108,214,218                                                     | (925,366)       | (27,051,806)                     | -                                                         | (298,322)                        | -                                                                              | (918,072)                            | -               | 7,984,176                               | 13,700,123                                 | 100,704,950                      |
| 43 | 2066  | 112,243,358                                                     | (929,992)       | (27,648,867)                     | -                                                         | (302,797)                        | -                                                                              | (924,314)                            | -               | 7,928,167                               | 13,808,077                                 | 104,173,631                      |
| 44 | 2067  | 116,378,528                                                     | (934,642)       | (28,258,983)                     | -                                                         | (307,339)                        | -                                                                              | (930,595)                            | -               | 7,872,551                               | 13,916,881                                 | 107,736,400                      |
| 45 | 2068  | 120,619,728                                                     | (939,316)       | (28,882,438)                     | -                                                         | (311,949)                        | -                                                                              | (936,917)                            | -               | 7,817,325                               | 14,026,543                                 | 111,392,975                      |
| 46 | 2069  | 124,977,561                                                     | (944,012)       | (29,519,524)                     | -                                                         | (316,629)                        | -                                                                              | (943,280)                            | -               | 7,762,486                               | 14,137,069                                 | 115,153,672                      |
| 47 | 2070  | 129,441,424                                                     | (948,732)       | (30,170,535)                     | -                                                         | (321,378)                        | -                                                                              | (949,683)                            | -               | 7,708,032                               | 14,248,466                                 | 119,007,594                      |
| 48 | 2071  | 134,021,920                                                     | (953,476)       | (30,835,775)                     | -                                                         | (326,199)                        | -                                                                              | (956,127)                            | -               | 7,653,960                               | 14,360,741                                 | 122,965,044                      |
| 49 | 2072  | 138,719,049                                                     | (958,243)       | (31,515,553)                     | -                                                         | (331,092)                        | -                                                                              | (962,613)                            | -               | 7,600,268                               | 14,473,900                                 | 127,025,715                      |
| 50 | 2073  | 143,543,414                                                     | (963,034)       | (32,210,186)                     | -                                                         | (336,058)                        | -                                                                              | (969,141)                            | -               | 7,546,952                               | 14,587,951                                 | 131,199,898                      |
| 51 | 2074  | 148,484,412                                                     | (967,850)       | (32,919,995)                     | -                                                         | (341,099)                        | (11,712,511)                                                                   | (975,711)                            | -               | 7,494,010                               | 14,702,901                                 | 123,764,159                      |
| 52 | 2075  |                                                                 |                 |                                  |                                                           |                                  |                                                                                |                                      |                 | 7,441,440                               | 14,240,788                                 | 21,682,228                       |
|    | Total | \$ 2,965,849,954                                                | \$ (61,839,655) | \$ (452,874,520)                 | \$ (28,865,971)                                           | \$ (11,948,770)                  | \$ (64,224,474)                                                                | \$ (41,496,445)                      | \$ (12,620,800) | \$ 247,693,804                          | \$ 376,515,255                             | \$ 2,916,188,378                 |

| Present Value Benefits    |                           |                           |                           | Present Value Benefits Using WebTAG Discount Schedule |                                                                            |                                 |                                     |                                  |                                                           |                                  |                                                                                |
|---------------------------|---------------------------|---------------------------|---------------------------|-------------------------------------------------------|----------------------------------------------------------------------------|---------------------------------|-------------------------------------|----------------------------------|-----------------------------------------------------------|----------------------------------|--------------------------------------------------------------------------------|
| Total Benefits Discounted | Total Benefits Discounted | Total Benefits Discounted | Total Benefits Discounted | WebTAG Discount Schedule - All other Impacts          | WebTAG Discount Schedule - Health Impacts (noise and non carbon emissions) | Traffic Benefits                | Noise Benefits                      | Traffic-Related Carbon Emissions | Estimated Peat Removal Carbon Emissions from Construction | Annual Carbon Sequestration Loss | Bulk Material, Construction Tailpipe, and Commuter/Delivery Tailpipe Emissions |
| 2%                        | 3%                        | 3.5%                      | 5%                        |                                                       |                                                                            | Years 0-30 3.5%; Years 31-75 3% | Years 0-30 1.5% ; Years 31-75 1.29% | Years 0-30 3.5%; Years 31-75 3%  | Years 0-30 3.5%; Years 31-75 3%                           | Years 0-30 3.5%; Years 31-75 3%  | Years 0-30 3.5%; Years 31-75 3%                                                |
| -                         | -                         | -                         | -                         | 3.5%                                                  | 1.50%                                                                      | -                               | -                                   | -                                | -                                                         | -                                | -                                                                              |
| -                         | -                         | -                         | -                         | 3.5%                                                  | 1.50%                                                                      | -                               | -                                   | -                                | -                                                         | -                                | -                                                                              |
| (71,658,768)              | (69,591,818)              | (68,588,105)              | (65,690,408)              | 3.5%                                                  | 1.50%                                                                      | (6,034,441.36)                  | (1,055,506.23)                      | (8,847,025.21)                   | (26,035,451.54)                                           | (150,079.40)                     | (11,817,454.66)                                                                |
| (18,035,651)              | (17,345,372)              | (17,012,617)              | (16,061,101)              | 3.5%                                                  | 1.50%                                                                      | (3,612,801.66)                  | (1,074,952.51)                      | (8,916,069.46)                   | -                                                         | (147,212.44)                     | -                                                                              |
| (15,521,575)              | (14,782,589)              | (14,428,955)              | (13,427,345)              | 3.5%                                                  | 1.50%                                                                      | (955,236.24)                    | (1,094,757.05)                      | (8,985,112.28)                   | -                                                         | (144,400.25)                     | -                                                                              |
| (12,629,337)              | (11,911,274)              | (11,570,163)              | (10,613,186)              | 3.5%                                                  | 1.50%                                                                      | 1,983,875.89                    | (1,114,926.47)                      | (9,054,136.57)                   | -                                                         | (141,641.77)                     | -                                                                              |
| (9,277,084)               | (8,664,671)               | (8,375,876)               | (7,573,342)               | 3.5%                                                  | 1.50%                                                                      | 5,250,333.16                    | (1,135,467.48)                      | (9,123,124.65)                   | -                                                         | (138,936.00)                     | -                                                                              |
| (5,315,709)               | (4,916,599)               | (4,729,768)               | (4,215,491)               | 3.5%                                                  | 1.50%                                                                      | 8,913,609.09                    | (1,156,386.93)                      | (9,192,058.30)                   | -                                                         | (136,281.91)                     | -                                                                              |
| (726,754)                 | (665,662)                 | (637,273)                 | (559,867)                 | 3.5%                                                  | 1.50%                                                                      | 13,023,300.66                   | (1,177,691.79)                      | (9,260,918.75)                   | -                                                         | (133,678.52)                     | -                                                                              |
| 4,621,674                 | 4,192,072                 | 3,993,903                 | 3,458,661                 | 3.5%                                                  | 1.50%                                                                      | 17,671,682.19                   | (1,199,389.16)                      | (9,329,686.61)                   | -                                                         | (131,124.86)                     | -                                                                              |
| 10,875,115                | 9,768,464                 | 9,261,725                 | 7,905,939                 | 3.5%                                                  | 1.50%                                                                      | 22,956,697.39                   | (1,221,486.28)                      | (9,398,341.93)                   | -                                                         | (128,619.99)                     | -                                                                              |
| 18,215,950                | 16,203,439                | 15,288,669                | 12,864,185                | 3.5%                                                  | 1.50%                                                                      | 29,000,799.39                   | (1,243,990.51)                      | (9,466,864.13)                   | -                                                         | (126,162.96)                     | -                                                                              |
| 8,423,151                 | 7,419,812                 | 6,967,103                 | 5,778,511                 | 3.5%                                                  | 1.50%                                                                      | 14,786,312.47                   | (1,219,848.77)                      | 680,249.89                       | -                                                         | (123,752.87)                     | (8,081,517.79)                                                                 |
| 19,265,061                | 16,805,508                | 15,703,913                | 12,838,746                | 3.5%                                                  | 1.50%                                                                      | 15,419,501.12                   | (1,230,064.25)                      | 692,262.63                       | -                                                         | (121,388.83)                     | -                                                                              |
| 20,431,472                | 17,649,966                | 16,413,341                | 13,227,042                | 3.5%                                                  | 1.50%                                                                      | 16,106,875.48                   | (1,240,365.28)                      | 704,412.78                       | -                                                         | (119,069.94)                     | -                                                                              |
| 21,709,169                | 18,571,644                | 17,187,011                | 13,652,656                | 3.5%                                                  | 1.50%                                                                      | 16,858,538.84                   | (1,250,752.58)                      | 716,701.57                       | -                                                         | (116,795.35)                     | -                                                                              |
| 23,090,226                | 19,561,325                | 18,015,452                | 14,106,297                | 3.5%                                                  | 1.50%                                                                      | 17,665,014.70                   | (1,261,226.86)                      | 729,130.22                       | -                                                         | (114,564.21)                     | -                                                                              |
| 24,589,136                | 20,628,911                | 18,906,888                | 14,592,811                | 3.5%                                                  | 1.50%                                                                      | 18,534,665.55                   | (1,271,788.86)                      | 741,533.09                       | -                                                         | (112,350.41)                     | -                                                                              |
| 26,212,042                | 21,776,940                | 19,862,663                | 15,111,495                | 3.5%                                                  | 1.50%                                                                      | 19,468,694.07                   | (1,282,439.31)                      | 754,072.64                       | -                                                         | (110,179.39)                     | -                                                                              |
| 27,964,137                | 23,007,020                | 20,883,239                | 15,660,978                | 3.5%                                                  | 1.50%                                                                      | 20,467,560.02                   | (1,293,178.95)                      | 766,750.04                       | -                                                         | (108,050.32)                     | -                                                                              |
| 29,856,873                | 24,325,748                | 21,973,568                | 16,243,240                | 3.5%                                                  | 1.50%                                                                      | 21,536,210.15                   | (1,304,008.53)                      | 779,566.47                       | -                                                         | (105,962.39)                     | -                                                                              |
| 18,592,431                | 15,001,028                | 13,485,041                | 9,825,969                 | 3.5%                                                  | 1.50%                                                                      | 22,673,334.06                   | (1,314,928.79)                      | 792,523.10                       | -                                                         | (103,914.81)                     | -                                                                              |
| 31,353,488                | 25,051,495                | 22,411,027                | 16,096,666                | 3.5%                                                  | 1.50%                                                                      | 15,884,449.93                   | (911,677.83)                        | 2,245,170.93                     | -                                                         | (101,906.79)                     | (4,630,623.46)                                                                 |
| 38,743,889                | 30,655,891                | 27,292,225                | 19,322,537                | 3.5%                                                  | 1.50%                                                                      | 16,461,772.89                   | (901,977.22)                        | 2,210,476.54                     | -                                                         | (99,937.58)                      | -                                                                              |
| 39,633,355                | 31,055,213                | 27,514,168                | 19,201,390                | 3.5%                                                  | 1.50%                                                                      | 16,999,831.70                   | (892,379.83)                        | 2,176,399.44                     | -                                                         | (98,006.42)                      | -                                                                              |
| 40,487,595                | 31,416,558                | 27,699,846                | 19,054,812                | 3.5%                                                  | 1.50%                                                                      | 17,491,345.00                   | (882,884.56)                        | 2,142,927.48                     | -                                                         | (96,112.57)                      | -                                                                              |
| 41,319,815                | 31,751,039                | 27,859,516                | 18,890,869                | 3.5%                                                  | 1.50%                                                                      | 17,946,928.94                   | (873,490.32)                        | 2,110,048.74                     | -                                                         | (94,255.33)                      | -                                                                              |
| 42,123,964                | 32,054,703                | 27,990,087                | 18,708,272                | 3.5%                                                  | 1.50%                                                                      | 18,363,838.25                   | (864,196.04)                        | 2,077,751.54                     | -                                                         | (92,433.97)                      | -                                                                              |
| 42,900,456                | 32,328,635                | 28,092,911                | 18,508,755                | 3.5%                                                  | 1.50%                                                                      | 18,743,757.08                   | (855,000.65)                        | 2,046,024.46                     | -                                                         | (90,647.80)                      | -                                                                              |
| 43,655,560                | 32,578,267                | 28,173,073                | 18,296,404                | 3.5%                                                  | 1.50%                                                                      | 19,092,091.42                   | (845,903.10)                        | 2,014,856.30                     | -                                                         | (88,896.15)                      | -                                                                              |
| 44,383,612                | 32,800,012                | 28,227,806                | 18,070,064                | 3.0%                                                  | 1.29%                                                                      | 22,549,735.69                   | (892,397.61)                        | 2,305,633.25                     | -                                                         | (101,299.09)                     | -                                                                              |
| 45,090,662                | 32,999,011                | 28,261,871                | 17,833,416                | 3.0%                                                  | 1.29%                                                                      | 22,992,329.81                   | (884,732.63)                        | 2,281,700.31                     | -                                                         | (99,823.86)                      | -                                                                              |
| 45,771,290                | 33,171,904                | 28,272,700                | 17,585,388                | 3.0%                                                  | 1.29%                                                                      | 23,402,004.81                   | (877,133.48)                        | 2,258,098.68                     | -                                                         | (98,370.12)                      | -                                                                              |
| 46,425,928                | 33,319,678                | 28,261,457                | 17,327,275                | 3.0%                                                  | 1.29%                                                                      | 23,779,953.54                   | (869,599.61)                        | 2,234,823.01                     | -                                                         | (96,937.54)                      | -                                                                              |
| 47,065,613                | 33,450,828                | 28,235,630                | 17,064,134                | 3.0%                                                  | 1.29%                                                                      | 24,134,873.72                   | (862,130.45)                        | 2,211,868.03                     | -                                                         | (95,525.83)                      | -                                                                              |
| 47,679,757                | 33,558,313                | 28,189,516                | 16,792,890                | 3.0%                                                  | 1.29%                                                                      | 24,459,920.68                   | (854,725.44)                        | 2,189,228.58                     | -                                                         | (94,134.68)                      | -                                                                              |
| 32,724,574                | 22,808,832                | 19,067,222                | 11,196,346                | 3.0%                                                  | 1.29%                                                                      | 29,988,050.71                   | (561,719.97)                        | (8,124,281.32)                   | -                                                         | (92,763.78)                      | (5,545,614.44)                                                                 |
| 41,319,203                | 28,519,632                | 23,726,035                | 13,732,990                | 3.0%                                                  | 1.29%                                                                      | 30,269,817.26                   | (557,338.90)                        | (8,061,918.65)                   | -                                                         | (91,412.85)                      | -                                                                              |
| 41,955,866                | 28,677,919                | 23,742,462                | 13,546,176                | 3.0%                                                  | 1.29%                                                                      | 30,539,861.69                   | (552,992.00)                        | (7,999,998.60)                   | -                                                         | (90,081.60)                      | -                                                                              |
| 42,585,167                | 28,825,460                | 23,749,323                | 13,356,518                | 3.0%                                                  | 1.29%                                                                      | 30,794,499.76                   | (548,679.00)                        | (7,938,518.67)                   | -                                                         | (88,769.73)                      | -                                                                              |
| 43,215,794                | 28,968,321                | 23,751,727                | 13,167,044                | 3.0%                                                  | 1.29%                                                                      | 31,039,953.97                   | (544,399.64)                        | (7,877,476.31)                   | -                                                         | (87,476.97)                      | -                                                                              |
| 43,837,280                | 29,099,624                | 23,744,123                | 12,974,788                | 3.0%                                                  | 1.29%                                                                      | 31,269,496.46                   | (540,153.66)                        | (7,816,869.00)                   | -                                                         | (86,203.03)                      | -                                                                              |
| 44,458,051                | 29,225,176                | 23,731,367                | 12,782,563                | 3.0%                                                  | 1.29%                                                                      | 31,489,081.19                   | (535,940.79)                        | (7,756,694.23)                   | -                                                         | (84,947.65)                      | -                                                                              |
| 45,076,989                | 29,344,355                | 23,713,031                | 12,590,220                | 3.0%                                                  | 1.29%                                                                      | 31,698,227.11                   | (531,760.78)                        | (7,696,949.48)                   | -                                                         | (83,710.55)                      | -                                                                              |
| 45,693,042                | 29,456,605                | 23,688,746                | 12,397,649                | 3.0%                                                  | 1.29%                                                                      | 31,896,514.87                   | (527,613.37)                        | (7,637,632.25)                   | -                                                         | (82,491.46)                      | -                                                                              |
| 46,309,479                | 29,564,154                | 23,660,379                | 12,205,906                | 3.0%                                                  | 1.29%                                                                      | 32,086,305.08                   | (523,498.31)                        | (7,578,740.04)                   | -                                                         | (81,290.13)                      | -                                                                              |
| 46,920,929                | 29,663,686                | 23,625,349                | 12,013,723                | 3.0%                                                  | 1.29%                                                                      | 32,264,409.48                   | (519,415.34)                        | (7,520,270.33)                   | -                                                         | (80,106.29)                      | -                                                                              |
| 47,530,614                | 29,757,393                | 23,585,489                | 11,822,119                | 3.0%                                                  | 1.29%                                                                      | 32,433,143.94                   | (515,364.22)                        | (7,462,220.65)                   | -                                                         | (78,939.69)                      | -                                                                              |
| 48,137,467                | 29,844,729                | 23,540,436                | 11,630,972                | 3.0%                                                  | 1.29%                                                                      | 32,592,081.09                   | (511,344.69)                        | (7,404,588.50)                   | -                                                         | (77,790.09)                      | -                                                                              |
| 48,744,420                | 29,927,626                | 23,491,784                | 11,441,120                | 3.0%                                                  | 1.29%                                                                      | 32,743,268.99                   | (507,356.52)                        | (7,347,371.40)                   | -                                                         | (76,657.22)                      | -                                                                              |
| 45,080,231                | 27,409,205                | 21,411,005                | 10,278,758                | 3.0%                                                  | 1.29%                                                                      | 32,883,830.69                   | (503,399.45)                        | (7,290,566.87)                   | -                                                         | (75,540.86)                      | (2,593,889.90)                                                                 |
| 7,742,745                 | 4,661,956                 | 3,624,146                 | 1,714,985                 | 3.0%                                                  | 1.29%                                                                      | -                               | -                                   | -                                | -                                                         | -                                | -                                                                              |
| \$ 1,388,648,397          | \$ 968,980,111            | \$ 810,934,219            | \$ 476,730,539            |                                                       |                                                                            | \$ 1,028,005,901                | \$ (44,392,362)                     | \$ (169,225,224)                 | \$ (26,035,452)                                           | \$ (5,120,636)                   | \$ (32,669,100)                                                                |

| Traffic-Related Non-Carbon Emissions | Amenity Loss                    | Electric Cost Savings from Solar Canopy | Carbon Emissions Savings from Solar Canopy | Total Benefits  |
|--------------------------------------|---------------------------------|-----------------------------------------|--------------------------------------------|-----------------|
| Years 0-30 1.5% ; Years 31-75 1.29%  | Years 0-30 3.5%; Years 31-75 3% | Years 0-30 3.5%; Years 31-75 3%         | Years 0-30 3.5%; Years 31-75 3%            | WebTAG          |
| -                                    | -                               | -                                       | -                                          | -               |
| -                                    | -                               | -                                       | -                                          | -               |
| (3,525,367.67)                       | (11,383,238.50)                 | -                                       | -                                          | (68,848,564.59) |
| (3,613,611.89)                       | -                               | -                                       | -                                          | (17,364,647.96) |
| (3,694,652.78)                       | -                               | -                                       | -                                          | (14,874,158.60) |
| (3,784,655.57)                       | -                               | -                                       | -                                          | (12,111,484.49) |
| (3,867,407.40)                       | -                               | -                                       | -                                          | (9,014,602.36)  |
| (3,887,657.94)                       | -                               | -                                       | -                                          | (5,458,775.98)  |
| (3,907,264.59)                       | -                               | -                                       | -                                          | (1,456,252.98)  |
| (3,926,194.94)                       | -                               | -                                       | -                                          | 3,085,286.63    |
| (3,944,415.52)                       | -                               | -                                       | -                                          | 8,263,833.67    |
| (3,961,891.85)                       | -                               | -                                       | -                                          | 14,201,889.93   |
| 840,715.85                           | -                               | -                                       | -                                          | 6,882,158.78    |
| 853,614.87                           | -                               | -                                       | -                                          | 15,613,925.54   |
| 866,660.87                           | -                               | -                                       | -                                          | 16,318,513.91   |
| 879,855.39                           | -                               | -                                       | -                                          | 17,087,547.87   |
| 893,200.01                           | -                               | -                                       | -                                          | 17,911,553.85   |
| 906,696.27                           | -                               | -                                       | -                                          | 18,798,755.64   |
| 920,345.78                           | -                               | -                                       | -                                          | 19,750,493.79   |
| 934,150.13                           | -                               | -                                       | -                                          | 20,767,230.93   |
| 948,110.95                           | -                               | -                                       | -                                          | 21,853,916.64   |
| 962,229.87                           | -                               | -                                       | (9,647,302.77)                             | 13,361,940.66   |
| 171,028.03                           | -                               | 4,137,051.85                            | 5,349,713.65                               | 22,143,206.31   |
| 169,248.16                           | -                               | 3,969,111.53                            | 5,209,534.48                               | 27,018,228.80   |
| 167,460.97                           | -                               | 3,807,988.61                            | 5,073,028.45                               | 27,234,322.92   |
| 165,694.59                           | -                               | 3,653,406.35                            | 4,940,099.29                               | 27,414,475.58   |
| 163,948.74                           | -                               | 3,505,099.23                            | 4,810,653.30                               | 27,568,933.31   |
| 162,223.18                           | -                               | 3,362,812.52                            | 4,684,599.19                               | 27,694,594.67   |
| 160,517.62                           | -                               | 3,226,301.83                            | 4,561,848.10                               | 27,792,800.63   |
| 158,831.82                           | -                               | 3,095,332.68                            | 4,442,313.46                               | 27,868,626.42   |
| 167,587.22                           | -                               | 3,450,694.79                            | 5,026,601.52                               | 32,506,555.78   |
| 166,174.76                           | -                               | 3,326,687.54                            | 4,918,650.50                               | 32,700,986.43   |
| 164,776.08                           | -                               | 3,207,136.73                            | 4,813,017.82                               | 32,869,530.52   |
| 163,391.01                           | -                               | 3,091,882.20                            | 4,709,653.71                               | 33,013,166.31   |
| 162,019.40                           | -                               | 2,980,769.56                            | 4,608,509.44                               | 33,140,383.87   |
| 160,661.10                           | -                               | 2,873,649.96                            | 4,509,537.34                               | 33,244,137.54   |
| (552,311.28)                         | -                               | 2,770,379.91                            | 4,412,690.75                               | 22,294,430.58   |
| (548,991.48)                         | -                               | 2,670,821.06                            | 4,317,924.04                               | 27,998,900.48   |
| (545,690.16)                         | -                               | 2,574,840.05                            | 4,225,192.54                               | 28,151,131.90   |
| (542,407.26)                         | -                               | 2,482,308.30                            | 4,134,452.53                               | 28,292,885.93   |
| (539,142.68)                         | -                               | 2,393,101.85                            | 4,045,661.24                               | 28,430,221.47   |
| (535,896.36)                         | -                               | 2,307,101.20                            | 3,958,776.84                               | 28,556,252.46   |
| (532,668.22)                         | -                               | 2,224,191.16                            | 3,873,758.36                               | 28,676,779.83   |
| (529,458.17)                         | -                               | 2,144,260.64                            | 3,790,565.73                               | 28,791,174.50   |
| (526,266.15)                         | -                               | 2,067,202.57                            | 3,709,159.74                               | 28,898,873.95   |
| (523,092.07)                         | -                               | 1,992,913.73                            | 3,629,502.03                               | 29,002,100.30   |
| (519,935.85)                         | -                               | 1,921,294.60                            | 3,551,555.04                               | 29,097,531.31   |
| (516,797.42)                         | -                               | 1,852,249.24                            | 3,475,282.03                               | 29,187,353.23   |
| (513,676.71)                         | -                               | 1,785,685.16                            | 3,400,647.06                               | 29,271,013.33   |
| (510,573.62)                         | -                               | 1,721,513.18                            | 3,327,614.94                               | 29,350,438.36   |
| (507,488.09)                         | -                               | 1,659,647.35                            | 3,256,151.26                               | 26,828,744.14   |
| -                                    | -                               | 1,600,004.78                            | 3,061,951.71                               | 4,661,956.49    |
| \$ (34,748,373)                      | \$ (11,383,238)                 | \$ 81,855,440                           | \$ 118,181,343                             | 904,468,298     |

Proposed Project 2074 Medium Growth Scenario minus No-Build Benefits (USD)

| N  | Year  | Undiscounted Benefit Categories: all values in constant 2024 \$ |                 |                                  |                                                           |                                  |                                                                                |                                      |                 |                                         |                                            |                               |  |
|----|-------|-----------------------------------------------------------------|-----------------|----------------------------------|-----------------------------------------------------------|----------------------------------|--------------------------------------------------------------------------------|--------------------------------------|-----------------|-----------------------------------------|--------------------------------------------|-------------------------------|--|
|    |       | Traffic Benefits                                                | Noise Benefits  | Traffic-Related Carbon Emissions | Estimated Peat Removal Carbon Emissions from Construction | Annual Carbon Sequestration Loss | Bulk Material, Construction Tailpipe, and Commuter/Delivery Tailpipe Emissions | Traffic-Related Non-Carbon Emissions | Amenity Loss    | Electric Cost Savings from Solar Canopy | Carbon Emissions Savings from Solar Canopy | Total Benefits (Undiscounted) |  |
| 1  | 2024  | -                                                               | -               | -                                | -                                                         | -                                | -                                                                              | -                                    | -               | -                                       | -                                          | -                             |  |
| 2  | 2025  | -                                                               | -               | -                                | -                                                         | -                                | -                                                                              | -                                    | -               | -                                       | -                                          | -                             |  |
| 3  | 2026  | (6,690,493)                                                     | (1,103,720)     | (9,808,855)                      | (28,865,971)                                              | (166,396)                        | (13,102,223)                                                                   | (3,686,401)                          | (12,620,800)    | -                                       | -                                          | (76,044,858)                  |  |
| 4  | 2027  | (4,145,773)                                                     | (1,140,915)     | (10,231,395)                     | -                                                         | (168,930)                        | -                                                                              | (3,835,356)                          | -               | -                                       | -                                          | (19,522,369)                  |  |
| 5  | 2028  | (1,134,521)                                                     | (1,179,364)     | (10,671,495)                     | -                                                         | (171,502)                        | -                                                                              | (3,980,190)                          | -               | -                                       | -                                          | (17,137,073)                  |  |
| 6  | 2029  | 2,438,690                                                       | (1,219,109)     | (11,129,846)                     | -                                                         | (174,114)                        | -                                                                              | (4,138,306)                          | -               | -                                       | -                                          | (14,222,684)                  |  |
| 7  | 2030  | 6,679,890                                                       | (1,260,193)     | (11,607,162)                     | -                                                         | (176,765)                        | -                                                                              | (4,292,222)                          | -               | -                                       | -                                          | (10,656,453)                  |  |
| 8  | 2031  | 11,737,521                                                      | (1,302,661)     | (12,104,185)                     | -                                                         | (179,457)                        | -                                                                              | (4,379,418)                          | -               | -                                       | -                                          | (6,228,201)                   |  |
| 9  | 2032  | 17,749,422                                                      | (1,346,561)     | (12,621,682)                     | -                                                         | (182,190)                        | -                                                                              | (4,467,527)                          | -               | -                                       | -                                          | (868,538)                     |  |
| 10 | 2033  | 24,927,653                                                      | (1,391,940)     | (13,160,444)                     | -                                                         | (184,965)                        | -                                                                              | (4,556,510)                          | -               | -                                       | -                                          | 5,633,794                     |  |
| 11 | 2034  | 33,516,083                                                      | (1,438,848)     | (13,721,295)                     | -                                                         | (187,781)                        | -                                                                              | (4,646,320)                          | -               | -                                       | -                                          | 13,521,839                    |  |
| 12 | 2035  | 43,822,199                                                      | (1,487,338)     | (14,305,082)                     | -                                                         | (190,641)                        | -                                                                              | (4,736,910)                          | -               | -                                       | -                                          | 23,102,229                    |  |
| 13 | 2036  | 23,125,143                                                      | (1,480,350)     | 1,063,881                        | -                                                         | (193,544)                        | (12,639,139)                                                                   | 1,020,253                            | -               | -                                       | -                                          | 10,896,243                    |  |
| 14 | 2037  | 24,959,462                                                      | (1,515,139)     | 1,120,562                        | -                                                         | (196,491)                        | -                                                                              | 1,051,445                            | -               | -                                       | -                                          | 25,419,839                    |  |
| 15 | 2038  | 26,984,635                                                      | (1,550,744)     | 1,180,137                        | -                                                         | (199,484)                        | -                                                                              | 1,083,527                            | -               | -                                       | -                                          | 27,498,071                    |  |
| 16 | 2039  | 29,232,471                                                      | (1,587,187)     | 1,242,751                        | -                                                         | (202,522)                        | -                                                                              | 1,116,524                            | -               | -                                       | -                                          | 29,802,037                    |  |
| 17 | 2040  | 31,702,970                                                      | (1,624,486)     | 1,308,552                        | -                                                         | (205,606)                        | -                                                                              | 1,150,460                            | -               | -                                       | -                                          | 32,331,891                    |  |
| 18 | 2041  | 34,427,941                                                      | (1,662,661)     | 1,377,390                        | -                                                         | (208,690)                        | -                                                                              | 1,185,361                            | -               | -                                       | -                                          | 35,119,341                    |  |
| 19 | 2042  | 37,428,590                                                      | (1,701,734)     | 1,449,706                        | -                                                         | (211,820)                        | -                                                                              | 1,221,254                            | -               | -                                       | -                                          | 38,185,995                    |  |
| 20 | 2043  | 40,726,123                                                      | (1,741,725)     | 1,525,671                        | -                                                         | (214,997)                        | -                                                                              | 1,258,165                            | -               | -                                       | -                                          | 41,553,237                    |  |
| 21 | 2044  | 44,352,349                                                      | (1,782,655)     | 1,605,464                        | -                                                         | (218,222)                        | -                                                                              | 1,296,122                            | -               | -                                       | -                                          | 45,253,058                    |  |
| 22 | 2045  | 48,328,474                                                      | (1,824,547)     | 1,689,272                        | -                                                         | (221,496)                        | -                                                                              | 1,335,155                            | -               | -                                       | (20,563,338)                               | 28,743,521                    |  |
| 23 | 2046  | 35,042,915                                                      | (1,283,986)     | 4,953,104                        | -                                                         | (224,818)                        | (10,215,685)                                                                   | 240,872                              | -               | 9,126,810                               | 11,802,081                                 | 49,441,292                    |  |
| 24 | 2047  | 36,962,058                                                      | (1,295,671)     | 5,103,133                        | -                                                         | (228,190)                        | -                                                                              | 244,229                              | -               | 9,062,785                               | 11,895,078                                 | 61,743,423                    |  |
| 25 | 2048  | 38,902,407                                                      | (1,307,461)     | 5,257,584                        | -                                                         | (231,613)                        | -                                                                              | 247,633                              | -               | 8,999,210                               | 11,988,809                                 | 63,856,568                    |  |
| 26 | 2049  | 40,853,359                                                      | (1,319,359)     | 5,416,585                        | -                                                         | (235,087)                        | -                                                                              | 251,082                              | -               | 8,936,081                               | 12,083,278                                 | 65,985,939                    |  |
| 27 | 2050  | 42,804,311                                                      | (1,331,365)     | 5,580,270                        | -                                                         | (238,614)                        | -                                                                              | 254,579                              | -               | 8,873,394                               | 12,178,492                                 | 68,121,067                    |  |
| 28 | 2051  | 44,765,866                                                      | (1,343,481)     | 5,748,772                        | -                                                         | (242,193)                        | -                                                                              | 258,124                              | -               | 8,811,147                               | 12,274,455                                 | 70,272,691                    |  |
| 29 | 2052  | 46,716,818                                                      | (1,355,706)     | 5,922,233                        | -                                                         | (245,826)                        | -                                                                              | 261,716                              | -               | 8,749,337                               | 12,371,175                                 | 72,419,747                    |  |
| 30 | 2053  | 48,667,770                                                      | (1,368,043)     | 6,100,794                        | -                                                         | (249,513)                        | -                                                                              | 265,358                              | -               | 8,687,960                               | 12,468,657                                 | 74,572,984                    |  |
| 31 | 2054  | 50,608,119                                                      | (1,380,492)     | 6,284,604                        | -                                                         | (253,256)                        | -                                                                              | 269,050                              | -               | 8,627,014                               | 12,566,908                                 | 76,721,947                    |  |
| 32 | 2055  | 52,527,262                                                      | (1,393,055)     | 6,473,815                        | -                                                         | (257,055)                        | -                                                                              | 272,792                              | -               | 8,566,496                               | 12,665,932                                 | 78,856,187                    |  |
| 33 | 2056  | 54,425,199                                                      | (1,405,732)     | 6,668,582                        | -                                                         | (260,911)                        | -                                                                              | 276,585                              | -               | 8,506,402                               | 12,765,737                                 | 80,975,862                    |  |
| 34 | 2057  | 56,291,327                                                      | (1,418,524)     | 6,869,066                        | -                                                         | (264,824)                        | -                                                                              | 280,429                              | -               | 8,446,729                               | 12,866,328                                 | 83,070,532                    |  |
| 35 | 2058  | 58,125,646                                                      | (1,431,432)     | 7,075,433                        | -                                                         | (268,797)                        | -                                                                              | 284,327                              | -               | 8,387,476                               | 12,967,712                                 | 85,140,364                    |  |
| 36 | 2059  | 59,917,553                                                      | (1,444,458)     | 7,287,852                        | -                                                         | (272,828)                        | -                                                                              | 288,277                              | -               | 8,328,637                               | 13,069,894                                 | 87,174,926                    |  |
| 37 | 2060  | 85,046,663                                                      | (786,227)       | 25,606,015                       | -                                                         | (276,921)                        | (16,554,916)                                                                   | 1,075,074                            | -               | 8,270,212                               | 13,172,882                                 | 115,552,782                   |  |
| 38 | 2061  | 87,888,267                                                      | (794,326)       | 26,305,520                       | -                                                         | (281,075)                        | -                                                                              | 1,089,958                            | -               | 8,212,196                               | 13,276,682                                 | 135,697,222                   |  |
| 39 | 2062  | 90,729,871                                                      | (802,507)       | 27,024,163                       | -                                                         | (285,291)                        | -                                                                              | 1,105,047                            | -               | 8,154,588                               | 13,381,299                                 | 139,307,170                   |  |
| 40 | 2063  | 93,571,475                                                      | (810,773)       | 27,762,467                       | -                                                         | (289,570)                        | -                                                                              | 1,120,346                            | -               | 8,097,383                               | 13,486,740                                 | 142,938,069                   |  |
| 41 | 2064  | 96,402,476                                                      | (819,124)       | 28,520,972                       | -                                                         | (293,914)                        | -                                                                              | 1,135,858                            | -               | 8,040,580                               | 13,593,013                                 | 146,579,861                   |  |
| 42 | 2065  | 99,222,874                                                      | (827,561)       | 29,300,231                       | -                                                         | (298,322)                        | -                                                                              | 1,151,584                            | -               | 7,984,176                               | 13,700,123                                 | 150,233,104                   |  |
| 43 | 2066  | 102,000,860                                                     | (836,085)       | 30,100,813                       | -                                                         | (302,797)                        | -                                                                              | 1,167,528                            | -               | 7,928,167                               | 13,808,077                                 | 153,866,562                   |  |
| 44 | 2067  | 104,736,434                                                     | (844,696)       | 30,923,302                       | -                                                         | (307,339)                        | -                                                                              | 1,183,694                            | -               | 7,872,551                               | 13,916,881                                 | 157,480,826                   |  |
| 45 | 2068  | 107,408,390                                                     | (853,397)       | 31,768,298                       | -                                                         | (311,949)                        | -                                                                              | 1,200,084                            | -               | 7,817,325                               | 14,026,543                                 | 161,055,293                   |  |
| 46 | 2069  | 110,016,728                                                     | (862,187)       | 32,636,419                       | -                                                         | (316,629)                        | -                                                                              | 1,216,701                            | -               | 7,762,486                               | 14,137,069                                 | 164,590,588                   |  |
| 47 | 2070  | 112,529,639                                                     | (871,067)       | 33,528,298                       | -                                                         | (321,378)                        | -                                                                              | 1,233,549                            | -               | 7,708,032                               | 14,248,466                                 | 168,055,538                   |  |
| 48 | 2071  | 114,936,520                                                     | (880,039)       | 34,444,586                       | -                                                         | (326,199)                        | -                                                                              | 1,250,630                            | -               | 7,653,960                               | 14,360,741                                 | 171,440,199                   |  |
| 49 | 2072  | 117,205,562                                                     | (889,104)       | 35,385,953                       | -                                                         | (331,092)                        | -                                                                              | 1,267,949                            | -               | 7,600,268                               | 14,473,900                                 | 174,713,436                   |  |
| 50 | 2073  | 119,326,162                                                     | (898,262)       | 36,353,085                       | -                                                         | (336,058)                        | -                                                                              | 1,285,507                            | -               | 7,546,952                               | 14,587,951                                 | 177,865,338                   |  |
| 51 | 2074  | 121,277,114                                                     | (907,514)       | 37,346,690                       | -                                                         | (341,099)                        | (11,712,511)                                                                   | 1,303,309                            | -               | 7,494,010                               | 14,702,901                                 | 169,162,901                   |  |
| 52 | 2075  |                                                                 |                 |                                  | -                                                         |                                  |                                                                                |                                      |                 | 7,441,440                               | 14,240,788                                 | 21,682,228                    |  |
|    | Total | \$ 2,699,078,474                                                | \$ (61,103,512) | \$ 445,950,580                   | \$ (28,865,971)                                           | \$ (11,948,770)                  | \$ (64,224,474)                                                                | \$ (9,519,023)                       | \$ (12,620,800) | \$ 247,693,804                          | \$ 376,515,255                             | \$ 3,580,955,563              |  |

| Present Value Benefits    |                           |                           |                           | Present Value Benefits Using WebTAG Discount Schedule                      |                                              |                                 |                                     |                                  |                                                           |                                  |                                                                                |
|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------------------------------------------------------|----------------------------------------------|---------------------------------|-------------------------------------|----------------------------------|-----------------------------------------------------------|----------------------------------|--------------------------------------------------------------------------------|
| Total Benefits Discounted | Total Benefits Discounted | Total Benefits Discounted | Total Benefits Discounted | WebTAG Discount Schedule - Health Impacts (noise and non-carbon emissions) | WebTAG Discount Schedule - All other Impacts | Traffic Benefits                | Noise Benefits                      | Traffic-Related Carbon Emissions | Estimated Peat Removal Carbon Emissions from Construction | Annual Carbon Sequestration Loss | Bulk Material, Construction Tailpipe, and Commuter/Delivery Tailpipe Emissions |
| 2%                        | 3%                        | 3.5%                      | 5%                        |                                                                            |                                              | Years 0-30 3.5%; Years 31-75 3% | Years 0-30 1.5% ; Years 31-75 1.29% | Years 0-30 3.5%; Years 31-75 3%  | Years 0-30 3.5%; Years 31-75 3%                           | Years 0-30 3.5%; Years 31-75 3%  | Years 0-30 3.5%; Years 31-75 3%                                                |
| -                         | -                         | -                         | -                         | 1.50%                                                                      | 3.5%                                         | -                               | -                                   | -                                | -                                                         | -                                | -                                                                              |
| -                         | -                         | -                         | -                         | 1.50%                                                                      | 3.5%                                         | -                               | -                                   | -                                | -                                                         | -                                | -                                                                              |
| (71,658,768)              | (69,591,818)              | (68,588,105)              | (65,690,408)              | 1.50%                                                                      | 3.5%                                         | (6,034,441)                     | (1,055,506)                         | (8,847,025)                      | (26,035,452)                                              | (150,079)                        | (11,817,455)                                                                   |
| (18,035,651)              | (17,345,372)              | (17,012,617)              | (16,061,101)              | 1.50%                                                                      | 3.5%                                         | (3,612,802)                     | (1,074,953)                         | (8,916,069)                      | -                                                         | (147,212)                        | -                                                                              |
| (15,521,575)              | (14,782,589)              | (14,428,955)              | (13,427,345)              | 1.50%                                                                      | 3.5%                                         | (955,236)                       | (1,094,757)                         | (8,985,112)                      | -                                                         | (144,400)                        | -                                                                              |
| (12,629,337)              | (11,911,274)              | (11,570,163)              | (10,613,186)              | 1.50%                                                                      | 3.5%                                         | 1,983,876                       | (1,114,926)                         | (9,054,137)                      | -                                                         | (141,642)                        | -                                                                              |
| (9,277,084)               | (8,664,671)               | (8,375,876)               | (7,573,342)               | 1.50%                                                                      | 3.5%                                         | 5,250,333                       | (1,135,467)                         | (9,123,125)                      | -                                                         | (138,936)                        | -                                                                              |
| (5,315,709)               | (4,916,599)               | (4,729,768)               | (4,215,491)               | 1.50%                                                                      | 3.5%                                         | 8,913,609                       | (1,156,387)                         | (9,192,058)                      | -                                                         | (136,282)                        | -                                                                              |
| (726,754)                 | (665,662)                 | (637,273)                 | (559,867)                 | 1.50%                                                                      | 3.5%                                         | 13,023,301                      | (1,177,692)                         | (9,260,919)                      | -                                                         | (133,679)                        | -                                                                              |
| 4,621,674                 | 4,192,072                 | 3,993,903                 | 3,458,661                 | 1.50%                                                                      | 3.5%                                         | 17,671,682                      | (1,199,389)                         | (9,329,687)                      | -                                                         | (131,125)                        | -                                                                              |
| 10,875,115                | 9,768,464                 | 9,261,725                 | 7,905,939                 | 1.50%                                                                      | 3.5%                                         | 22,956,697                      | (1,221,486)                         | (9,398,342)                      | -                                                         | (128,620)                        | -                                                                              |
| 18,215,950                | 16,203,439                | 15,288,669                | 12,864,185                | 1.50%                                                                      | 3.5%                                         | 29,000,799                      | (1,243,991)                         | (9,466,864)                      | -                                                         | (126,163)                        | -                                                                              |
| 8,423,151                 | 7,419,812                 | 6,967,103                 | 5,778,511                 | 1.50%                                                                      | 3.5%                                         | 14,786,312                      | (1,219,849)                         | 680,250                          | -                                                         | (123,753)                        | (8,081,518)                                                                    |
| 19,265,061                | 16,805,508                | 15,703,913                | 12,838,746                | 1.50%                                                                      | 3.5%                                         | 15,419,501                      | (1,230,064)                         | 692,263                          | -                                                         | (121,389)                        | -                                                                              |
| 20,431,472                | 17,649,966                | 16,413,341                | 13,227,042                | 1.50%                                                                      | 3.5%                                         | 16,106,875                      | (1,240,365)                         | 704,413                          | -                                                         | (119,070)                        | -                                                                              |
| 21,709,169                | 18,571,644                | 17,187,011                | 13,652,656                | 1.50%                                                                      | 3.5%                                         | 16,858,539                      | (1,250,753)                         | 716,702                          | -                                                         | (116,795)                        | -                                                                              |
| 23,090,226                | 19,561,325                | 18,015,452                | 14,106,297                | 1.50%                                                                      | 3.5%                                         | 17,665,015                      | (1,261,227)                         | 729,130                          | -                                                         | (114,564)                        | -                                                                              |
| 24,589,136                | 20,628,911                | 18,906,888                | 14,592,811                | 1.50%                                                                      | 3.5%                                         | 18,534,666                      | (1,271,789)                         | 741,533                          | -                                                         | (112,350)                        | -                                                                              |
| 26,212,042                | 21,776,940                | 19,862,663                | 15,111,495                | 1.50%                                                                      | 3.5%                                         | 19,468,694                      | (1,282,439)                         | 754,073                          | -                                                         | (110,179)                        | -                                                                              |
| 27,964,137                | 23,007,020                | 20,883,239                | 15,660,978                | 1.50%                                                                      | 3.5%                                         | 20,467,560                      | (1,293,179)                         | 766,750                          | -                                                         | (108,050)                        | -                                                                              |
| 29,856,873                | 24,325,748                | 21,973,568                | 16,243,240                | 1.50%                                                                      | 3.5%                                         | 21,536,210                      | (1,304,009)                         | 779,566                          | -                                                         | (105,962)                        | -                                                                              |
| 18,592,431                | 15,001,028                | 13,485,041                | 9,825,969                 | 1.50%                                                                      | 3.5%                                         | 22,673,334                      | (1,314,929)                         | 792,523                          | -                                                         | (103,915)                        | -                                                                              |
| 31,353,488                | 25,051,495                | 22,411,027                | 16,096,666                | 1.50%                                                                      | 3.5%                                         | 15,884,450                      | (911,678)                           | 2,245,171                        | -                                                         | (101,907)                        | (4,630,623)                                                                    |
| 38,387,213                | 30,373,673                | 27,040,973                | 19,144,654                | 1.50%                                                                      | 3.5%                                         | 16,187,797                      | (906,378)                           | 2,234,953                        | -                                                         | (99,938)                         | -                                                                              |
| 38,922,549                | 30,498,253                | 27,020,714                | 18,857,022                | 1.50%                                                                      | 3.5%                                         | 16,461,436                      | (901,110)                           | 2,224,731                        | -                                                         | (98,006)                         | -                                                                              |
| 39,431,830                | 30,597,332                | 26,977,538                | 18,557,934                | 1.50%                                                                      | 3.5%                                         | 16,702,392                      | (895,872)                           | 2,214,504                        | -                                                         | (96,113)                         | -                                                                              |
| 39,909,547                | 30,667,359                | 26,908,655                | 18,246,113                | 1.50%                                                                      | 3.5%                                         | 16,908,227                      | (890,664)                           | 2,204,275                        | -                                                         | (94,255)                         | -                                                                              |
| 40,362,846                | 30,714,560                | 26,819,878                | 17,926,116                | 1.50%                                                                      | 3.5%                                         | 17,085,087                      | (885,487)                           | 2,194,044                        | -                                                         | (92,434)                         | -                                                                              |
| 40,780,451                | 30,731,056                | 26,704,648                | 17,594,111                | 1.50%                                                                      | 3.5%                                         | 17,226,740                      | (880,340)                           | 2,183,812                        | -                                                         | (90,648)                         | -                                                                              |
| 41,169,573                | 30,723,082                | 26,568,744                | 17,254,507                | 1.50%                                                                      | 3.5%                                         | 17,339,276                      | (875,223)                           | 2,173,581                        | -                                                         | (88,896)                         | -                                                                              |
| 41,525,444                | 30,687,792                | 26,410,022                | 16,906,408                | 1.29%                                                                      | 3.0%                                         | 20,242,597                      | (927,834)                           | 2,513,761                        | -                                                         | (101,299)                        | -                                                                              |
| 41,843,719                | 30,622,778                | 26,226,756                | 16,549,246                | 1.29%                                                                      | 3.0%                                         | 20,398,281                      | (924,353)                           | 2,514,022                        | -                                                         | (99,824)                         | -                                                                              |
| 42,125,970                | 30,530,025                | 26,021,003                | 16,184,851                | 1.29%                                                                      | 3.0%                                         | 20,519,729                      | (920,885)                           | 2,514,230                        | -                                                         | (98,370)                         | -                                                                              |
| 42,368,311                | 30,407,544                | 25,791,411                | 15,812,874                | 1.29%                                                                      | 3.0%                                         | 20,605,153                      | (917,431)                           | 2,514,387                        | -                                                         | (96,938)                         | -                                                                              |
| 42,572,533                | 30,257,472                | 25,540,139                | 15,435,121                | 1.29%                                                                      | 3.0%                                         | 20,656,890                      | (913,989)                           | 2,514,491                        | -                                                         | (95,526)                         | -                                                                              |
| 42,735,167                | 30,078,176                | 25,266,146                | 15,051,397                | 1.29%                                                                      | 3.0%                                         | 20,673,499                      | (910,560)                           | 2,514,545                        | -                                                         | (94,135)                         | -                                                                              |
| 55,535,930                | 38,708,210                | 32,358,432                | 19,000,995                | 1.29%                                                                      | 3.0%                                         | 28,489,181                      | (489,311)                           | 8,577,578                        | -                                                         | (92,764)                         | (5,545,614)                                                                    |
| 63,938,793                | 44,132,286                | 36,714,504                | 21,250,913                | 1.29%                                                                      | 3.0%                                         | 28,583,563                      | (488,055)                           | 8,555,243                        | -                                                         | (91,413)                         | -                                                                              |
| 64,352,700                | 43,986,733                | 36,416,636                | 20,777,381                | 1.29%                                                                      | 3.0%                                         | 28,648,278                      | (486,802)                           | 8,532,975                        | -                                                         | (90,082)                         | -                                                                              |
| 64,735,281                | 43,818,643                | 36,102,221                | 20,303,736                | 1.29%                                                                      | 3.0%                                         | 28,684,976                      | (485,553)                           | 8,510,774                        | -                                                         | (88,770)                         | -                                                                              |
| 65,082,955                | 43,626,271                | 35,770,084                | 19,829,558                | 1.29%                                                                      | 3.0%                                         | 28,692,076                      | (484,306)                           | 8,488,640                        | -                                                         | (87,477)                         | -                                                                              |
| 65,397,090                | 43,411,241                | 35,421,826                | 19,355,976                | 1.29%                                                                      | 3.0%                                         | 28,671,365                      | (483,063)                           | 8,466,572                        | -                                                         | (86,203)                         | -                                                                              |
| 65,665,441                | 43,166,177                | 35,051,710                | 18,880,104                | 1.29%                                                                      | 3.0%                                         | 28,615,621                      | (481,823)                           | 8,444,570                        | -                                                         | (84,948)                         | -                                                                              |
| 65,890,094                | 42,893,333                | 34,661,894                | 18,403,419                | 1.29%                                                                      | 3.0%                                         | 28,527,249                      | (480,586)                           | 8,422,635                        | -                                                         | (83,711)                         | -                                                                              |
| 66,064,366                | 42,589,240                | 34,249,896                | 17,924,892                | 1.29%                                                                      | 3.0%                                         | 28,402,927                      | (479,353)                           | 8,400,765                        | -                                                         | (82,491)                         | -                                                                              |
| 66,190,718                | 42,256,416                | 33,818,077                | 17,446,055                | 1.29%                                                                      | 3.0%                                         | 28,245,313                      | (478,122)                           | 8,378,961                        | -                                                         | (81,290)                         | -                                                                              |
| 66,258,982                | 41,889,316                | 33,362,331                | 16,965,075                | 1.29%                                                                      | 3.0%                                         | 28,048,999                      | (476,895)                           | 8,357,222                        | -                                                         | (80,106)                         | -                                                                              |
| 66,268,085                | 41,488,323                | 32,883,336                | 16,482,622                | 1.29%                                                                      | 3.0%                                         | 27,814,500                      | (475,671)                           | 8,335,549                        | -                                                         | (78,940)                         | -                                                                              |
| 66,209,131                | 41,048,973                | 32,377,936                | 15,997,446                | 1.29%                                                                      | 3.0%                                         | 27,537,481                      | (474,450)                           | 8,313,940                        | -                                                         | (77,790)                         | -                                                                              |
| 66,081,932                | 40,572,343                | 31,847,389                | 15,510,520                | 1.29%                                                                      | 3.0%                                         | 27,219,142                      | (473,232)                           | 8,292,396                        | -                                                         | (76,657)                         | -                                                                              |
| 61,616,406                | 37,463,355                | 29,264,916                | 14,049,177                | 1.29%                                                                      | 3.0%                                         | 26,858,416                      | (472,017)                           | 8,270,917                        | -                                                         | (75,541)                         | (2,593,890)                                                                    |
| 7,742,745                 | 4,661,956                 | 3,624,146                 | 1,714,985                 | 1.29%                                                                      | 3.0%                                         |                                 | -                                   |                                  | -                                                         |                                  | -                                                                              |
| \$ 1,661,200,849          | \$ 1,144,687,302          | \$ 952,232,750            | \$ 550,635,665            |                                                                            |                                              | \$ 951,645,165                  | \$ (44,014,202)                     | \$ 74,893,109                    | \$ (26,035,452)                                           | \$ (5,120,636)                   | \$ (32,669,100)                                                                |

| Traffic-Related Non-Carbon Emissions | Amenity Loss                    | Electric Cost Savings from Solar Canopy | Carbon Emissions Savings from Solar Canopy | Total Benefits   |
|--------------------------------------|---------------------------------|-----------------------------------------|--------------------------------------------|------------------|
| Years 0-30 1.5% ; Years 31-75 1.29%  | Years 0-30 3.5%; Years 31-75 3% | Years 0-30 3.5%; Years 31-75 3%         | Years 0-30 3.5%; Years 31-75 3%            | WebTAG           |
| -                                    | -                               | -                                       | -                                          | -                |
| -                                    | -                               | -                                       | -                                          | -                |
| (3,525,368)                          | (11,383,238)                    | -                                       | -                                          | (68,848,565)     |
| (3,613,612)                          | -                               | -                                       | -                                          | (17,364,648)     |
| (3,694,653)                          | -                               | -                                       | -                                          | (14,874,159)     |
| (3,784,656)                          | -                               | -                                       | -                                          | (12,111,484)     |
| (3,867,407)                          | -                               | -                                       | -                                          | (9,014,602)      |
| (3,887,658)                          | -                               | -                                       | -                                          | (5,458,776)      |
| (3,907,265)                          | -                               | -                                       | -                                          | (1,456,253)      |
| (3,926,195)                          | -                               | -                                       | -                                          | 3,085,287        |
| (3,944,416)                          | -                               | -                                       | -                                          | 8,263,834        |
| (3,961,892)                          | -                               | -                                       | -                                          | 14,201,890       |
| 840,716                              | -                               | -                                       | -                                          | 6,882,159        |
| 853,615                              | -                               | -                                       | -                                          | 15,613,926       |
| 866,661                              | -                               | -                                       | -                                          | 16,318,514       |
| 879,855                              | -                               | -                                       | -                                          | 17,087,548       |
| 893,200                              | -                               | -                                       | -                                          | 17,911,554       |
| 906,696                              | -                               | -                                       | -                                          | 18,798,756       |
| 920,346                              | -                               | -                                       | -                                          | 19,750,494       |
| 934,150                              | -                               | -                                       | -                                          | 20,767,231       |
| 948,111                              | -                               | -                                       | -                                          | 21,853,917       |
| 962,230                              | -                               | -                                       | (9,647,303)                                | 13,361,941       |
| 171,028                              | -                               | 4,137,052                               | 5,349,714                                  | 22,143,206       |
| 170,849                              | -                               | 3,969,112                               | 5,209,534                                  | 26,765,929       |
| 170,670                              | -                               | 3,807,989                               | 5,073,028                                  | 26,738,738       |
| 170,490                              | -                               | 3,653,406                               | 4,940,099                                  | 26,688,908       |
| 170,310                              | -                               | 3,505,099                               | 4,810,653                                  | 26,613,644       |
| 170,129                              | -                               | 3,362,813                               | 4,684,599                                  | 26,518,751       |
| 169,948                              | -                               | 3,226,302                               | 4,561,848                                  | 26,397,663       |
| 169,766                              | -                               | 3,095,333                               | 4,442,313                                  | 26,256,151       |
| 180,829                              | -                               | 3,450,695                               | 5,026,602                                  | 30,385,350       |
| 181,009                              | -                               | 3,326,688                               | 4,918,650                                  | 30,314,473       |
| 181,189                              | -                               | 3,207,137                               | 4,813,018                                  | 30,216,047       |
| 181,368                              | -                               | 3,091,882                               | 4,709,654                                  | 30,088,075       |
| 181,546                              | -                               | 2,980,770                               | 4,608,509                                  | 29,932,692       |
| 181,724                              | -                               | 2,873,650                               | 4,509,537                                  | 29,748,261       |
| 669,076                              | -                               | 2,770,380                               | 4,412,691                                  | 38,791,216       |
| 669,699                              | -                               | 2,670,821                               | 4,317,924                                  | 44,217,783       |
| 670,324                              | -                               | 2,574,840                               | 4,225,193                                  | 44,074,726       |
| 670,949                              | -                               | 2,482,308                               | 4,134,453                                  | 43,909,137       |
| 671,575                              | -                               | 2,393,102                               | 4,045,661                                  | 43,719,271       |
| 672,202                              | -                               | 2,307,101                               | 3,958,777                                  | 43,506,750       |
| 672,829                              | -                               | 2,224,191                               | 3,873,758                                  | 43,264,199       |
| 673,458                              | -                               | 2,144,261                               | 3,790,566                                  | 42,993,871       |
| 674,087                              | -                               | 2,067,203                               | 3,709,160                                  | 42,692,297       |
| 674,717                              | -                               | 1,992,914                               | 3,629,502                                  | 42,361,994       |
| 675,348                              | -                               | 1,921,295                               | 3,551,555                                  | 41,997,417       |
| 675,979                              | -                               | 1,852,249                               | 3,475,282                                  | 41,598,949       |
| 676,612                              | -                               | 1,785,685                               | 3,400,647                                  | 41,162,125       |
| 677,245                              | -                               | 1,721,513                               | 3,327,615                                  | 40,688,022       |
| 677,879                              | -                               | 1,659,647                               | 3,256,151                                  | 37,581,562       |
| -                                    | -                               | 1,600,005                               | 3,061,952                                  | 4,661,956        |
| \$ (16,554,705)                      | \$ (11,383,238)                 | \$ 81,855,440                           | \$ 118,181,343                             | \$ 1,090,797,725 |

# Appendix M.4 – Cost-Benefit Analysis Results Acceptable Fit Excluding Solar Array

| TAG Discounting (3.5% for 30 years then 3.0%) |                        |                |                       |
|-----------------------------------------------|------------------------|----------------|-----------------------|
| Benefits PV                                   |                        |                |                       |
|                                               | USD                    | CID            |                       |
| Proposed - No Build Low Growth                | \$ 704,431,515         | \$ 591,959,256 |                       |
| Proposed - No Build Medium Growth             | \$ 890,760,941         | \$ 748,538,606 |                       |
| Costs PV                                      |                        |                |                       |
|                                               | USD                    | CID            |                       |
| Proposed - No Build                           | \$ 259,384,637         | \$ 217,970,283 |                       |
|                                               |                        |                |                       |
|                                               | NPV (Benefits - Costs) |                | Benefit to Cost Ratio |
|                                               | USD                    | CID            |                       |
| Proposed - No Build Low Growth                | \$ 445,046,878         | \$ 373,988,973 | 2.7                   |
| Proposed - No Build Medium Growth             | \$ 631,376,304         | \$ 530,568,323 | 3.4                   |

WebTAG Discounting Values

Sensitivity Analysis Discounting Values

\*Negative values are shown in parenthesis within this appendix

| 5% Discounting                    |                        |                |                       |
|-----------------------------------|------------------------|----------------|-----------------------|
| Benefits PV                       |                        |                |                       |
|                                   | USD                    | CID            |                       |
| Proposed - No Build Low Growth    | \$ 371,595,132         | \$ 312,264,817 |                       |
| Proposed - No Build Medium Growth | \$ 445,500,258         | \$ 374,369,965 |                       |
| Costs PV                          |                        |                |                       |
|                                   | USD                    | CID            |                       |
| Proposed - No Build               | \$ 202,829,740         | \$ 170,445,159 |                       |
|                                   |                        |                |                       |
|                                   | NPV (Benefits - Costs) |                | Benefit to Cost Ratio |
|                                   | USD                    | CID            |                       |
| Proposed - No Build Low Growth    | \$ 168,765,393         | \$ 141,819,658 | 1.8                   |
| Proposed - No Build Medium Growth | \$ 242,670,518         | \$ 203,924,805 | 2.2                   |

| 2% Discounting                    |                        |                  |                       |
|-----------------------------------|------------------------|------------------|-----------------------|
| Benefits PV                       |                        |                  |                       |
|                                   | USD                    | CID              |                       |
| Proposed - No Build Low Growth    | \$ 1,091,490,594       | \$ 917,218,986   |                       |
| Proposed - No Build Medium Growth | \$ 1,364,043,046       | \$ 1,146,254,661 |                       |
| Costs PV                          |                        |                  |                       |
|                                   | USD                    | CID              |                       |
| Proposed - No Build               | \$ 319,457,363         | \$ 268,451,566   |                       |
|                                   |                        |                  |                       |
|                                   | NPV (Benefits - Costs) |                  | Benefit to Cost Ratio |
|                                   | USD                    | CID              |                       |
| Proposed - No Build Low Growth    | \$ 772,033,230         | \$ 648,767,420   | 3.4                   |
| Proposed - No Build Medium Growth | \$ 1,044,585,683       | \$ 877,803,095   | 4.3                   |

Cost Summary

| Summary of Estimated Construction and Maintenance Costs (2024 US Dollars) |              |                                    |                                   |                                                  |            |                                           |
|---------------------------------------------------------------------------|--------------|------------------------------------|-----------------------------------|--------------------------------------------------|------------|-------------------------------------------|
|                                                                           |              | New Construction w/<br>Contingency | Rehab Construction w/ Contingency | Terrestrial Ecology<br>Mitigation w/ Contingency | ROW        | Total Road Cost By<br>Year w/ Contingency |
| Proposed Project<br>minus No Build<br>Summary                             | 2024 Totals: | -                                  | -                                 | -                                                | 20,334,257 | 20,334,257                                |
|                                                                           | 2026 Totals: | 95,602,206                         | (18,845,200)                      | 15,585,732                                       | -          | 92,342,738                                |
|                                                                           | 2036 Totals: | 86,267,399                         | 815,971                           | 9,351,439                                        | -          | 96,434,809                                |
|                                                                           | 2046 Totals: | 46,364,715                         | 25,999,127                        | 3,117,146                                        | -          | 75,480,988                                |
|                                                                           | 2060 Totals: | 55,515,690                         | 76,952,421                        | 3,117,146                                        | -          | 135,585,258                               |
|                                                                           | 2074 Totals: | 11,588,338                         | 56,848,049                        | -                                                | -          | 68,436,387                                |
|                                                                           | Total        | 295,338,348                        | 141,770,368                       | 31,171,464                                       | 20,334,257 | 488,614,437                               |

| Summary of Estimated Construction and Maintenance Costs (2024 CI Dollars) |              |                                    |                                   |                                                  |            |                                           |
|---------------------------------------------------------------------------|--------------|------------------------------------|-----------------------------------|--------------------------------------------------|------------|-------------------------------------------|
|                                                                           |              | New Construction w/<br>Contingency | Rehab Construction w/ Contingency | Terrestrial Ecology<br>Mitigation w/ Contingency | ROW        | Total Road Cost By<br>Year w/ Contingency |
| Proposed Project<br>minus No Build<br>Summary                             | 2024 Totals: | -                                  | -                                 | -                                                | 17,087,611 | 17,087,611                                |
|                                                                           | 2026 Totals: | 80,337,988                         | (15,836,303)                      | 13,097,254                                       | -          | 77,598,939                                |
|                                                                           | 2036 Totals: | 72,493,613                         | 685,690                           | 7,858,352                                        | -          | 81,037,655                                |
|                                                                           | 2046 Totals: | 38,961,945                         | 21,848,006                        | 2,619,451                                        | -          | 63,429,402                                |
|                                                                           | 2060 Totals: | 46,651,841                         | 64,665,900                        | 2,619,451                                        | -          | 113,937,192                               |
|                                                                           | 2074 Totals: | 9,738,099                          | 47,771,470                        | -                                                | -          | 57,509,569                                |
|                                                                           | Total        | 248,183,486                        | 119,134,763                       | 26,194,508                                       | 17,087,611 | 410,600,368                               |

Proposed Project minus No-Build Costs (USD)

|                           | N  | Year  | Cost Categories: all values in constant US 2024 \$ |                                                 |               |                                          |                                |                | Present Value Costs    |                        |                        |                        | Present Value Costs Using WebTAG Discount Schedule |                                               |
|---------------------------|----|-------|----------------------------------------------------|-------------------------------------------------|---------------|------------------------------------------|--------------------------------|----------------|------------------------|------------------------|------------------------|------------------------|----------------------------------------------------|-----------------------------------------------|
|                           |    |       | New Construction Cost Subtotal w/ Contingency      | Rehab Construction Cost Subtotal w/ Contingency | ROW Cost      | Potential Mitigation Cost w/ Contingency | Total Road Cost w/ Contingency | Total Cost     | Total Costs Discounted | Total Costs Discounted | Total Costs Discounted | Total Costs Discounted | WebTAG Discount Schedule                           | New Construction Cost Subtotal w/ Contingency |
|                           |    |       |                                                    |                                                 |               |                                          |                                |                | 2%                     | 3%                     | 3.5%                   | 5%                     |                                                    | Years 0-30 3.5%; Years 31-75 3%               |
| Proposed Project-No Build | 1  | 2024  | -                                                  | -                                               | 20,334,257    | -                                        | 20,334,257                     | 20,334,257     | 19,935,546             | 19,741,997             | 19,646,625             | 19,365,959             | 3.5%                                               | -                                             |
|                           | 2  | 2025  | -                                                  | -                                               | -             | -                                        | -                              | -              | -                      | -                      | -                      | -                      | 3.5%                                               | -                                             |
|                           | 3  | 2026  | 95,602,206                                         | (18,845,200)                                    | -             | 15,585,732                               | 92,342,738                     | 92,342,738     | 87,016,624             | 84,506,686             | 83,287,859             | 79,769,129             | 3.5%                                               | 86,227,712                                    |
|                           | 4  | 2027  | -                                                  | -                                               | -             | -                                        | -                              | -              | -                      | -                      | -                      | -                      | 3.5%                                               | -                                             |
|                           | 5  | 2028  | -                                                  | -                                               | -             | -                                        | -                              | -              | -                      | -                      | -                      | -                      | 3.5%                                               | -                                             |
|                           | 6  | 2029  | -                                                  | -                                               | -             | -                                        | -                              | -              | -                      | -                      | -                      | -                      | 3.5%                                               | -                                             |
|                           | 7  | 2030  | -                                                  | -                                               | -             | -                                        | -                              | -              | -                      | -                      | -                      | -                      | 3.5%                                               | -                                             |
|                           | 8  | 2031  | -                                                  | -                                               | -             | -                                        | -                              | -              | -                      | -                      | -                      | -                      | 3.5%                                               | -                                             |
|                           | 9  | 2032  | -                                                  | -                                               | -             | -                                        | -                              | -              | -                      | -                      | -                      | -                      | 3.5%                                               | -                                             |
|                           | 10 | 2033  | -                                                  | -                                               | -             | -                                        | -                              | -              | -                      | -                      | -                      | -                      | 3.5%                                               | -                                             |
|                           | 11 | 2034  | -                                                  | -                                               | -             | -                                        | -                              | -              | -                      | -                      | -                      | -                      | 3.5%                                               | -                                             |
|                           | 12 | 2035  | -                                                  | -                                               | -             | -                                        | -                              | -              | -                      | -                      | -                      | -                      | 3.5%                                               | -                                             |
|                           | 13 | 2036  | 86,267,399                                         | 815,971                                         | -             | 9,351,439                                | 96,434,809                     | 96,434,809     | 74,547,244             | 65,667,413             | 61,660,818             | 51,141,438             | 3.5%                                               | 55,159,733                                    |
|                           | 14 | 2037  | -                                                  | -                                               | -             | -                                        | -                              | -              | -                      | -                      | -                      | -                      | 3.5%                                               | -                                             |
|                           | 15 | 2038  | -                                                  | -                                               | -             | -                                        | -                              | -              | -                      | -                      | -                      | -                      | 3.5%                                               | -                                             |
|                           | 16 | 2039  | -                                                  | -                                               | -             | -                                        | -                              | -              | -                      | -                      | -                      | -                      | 3.5%                                               | -                                             |
|                           | 17 | 2040  | -                                                  | -                                               | -             | -                                        | -                              | -              | -                      | -                      | -                      | -                      | 3.5%                                               | -                                             |
|                           | 18 | 2041  | -                                                  | -                                               | -             | -                                        | -                              | -              | -                      | -                      | -                      | -                      | 3.5%                                               | -                                             |
|                           | 19 | 2042  | -                                                  | -                                               | -             | -                                        | -                              | -              | -                      | -                      | -                      | -                      | 3.5%                                               | -                                             |
|                           | 20 | 2043  | -                                                  | -                                               | -             | -                                        | -                              | -              | -                      | -                      | -                      | -                      | 3.5%                                               | -                                             |
|                           | 21 | 2044  | -                                                  | -                                               | -             | -                                        | -                              | -              | -                      | -                      | -                      | -                      | 3.5%                                               | -                                             |
|                           | 22 | 2045  | -                                                  | -                                               | -             | -                                        | -                              | -              | -                      | -                      | -                      | -                      | 3.5%                                               | -                                             |
|                           | 23 | 2046  | 46,364,715                                         | 25,999,127                                      | -             | 3,117,146                                | 75,480,988                     | 75,480,988     | 47,866,715             | 38,245,594             | 34,214,447             | 24,574,444             | 3.5%                                               | 21,016,459                                    |
|                           | 24 | 2047  | -                                                  | -                                               | -             | -                                        | -                              | -              | -                      | -                      | -                      | -                      | 3.5%                                               | -                                             |
|                           | 25 | 2048  | -                                                  | -                                               | -             | -                                        | -                              | -              | -                      | -                      | -                      | -                      | 3.5%                                               | -                                             |
|                           | 26 | 2049  | -                                                  | -                                               | -             | -                                        | -                              | -              | -                      | -                      | -                      | -                      | 3.5%                                               | -                                             |
|                           | 27 | 2050  | -                                                  | -                                               | -             | -                                        | -                              | -              | -                      | -                      | -                      | -                      | 3.5%                                               | -                                             |
|                           | 28 | 2051  | -                                                  | -                                               | -             | -                                        | -                              | -              | -                      | -                      | -                      | -                      | 3.5%                                               | -                                             |
|                           | 29 | 2052  | -                                                  | -                                               | -             | -                                        | -                              | -              | -                      | -                      | -                      | -                      | 3.5%                                               | -                                             |
|                           | 30 | 2053  | -                                                  | -                                               | -             | -                                        | -                              | -              | -                      | -                      | -                      | -                      | 3.5%                                               | -                                             |
|                           | 31 | 2054  | -                                                  | -                                               | -             | -                                        | -                              | -              | -                      | -                      | -                      | -                      | 3.0%                                               | -                                             |
|                           | 32 | 2055  | -                                                  | -                                               | -             | -                                        | -                              | -              | -                      | -                      | -                      | -                      | 3.0%                                               | -                                             |
|                           | 33 | 2056  | -                                                  | -                                               | -             | -                                        | -                              | -              | -                      | -                      | -                      | -                      | 3.0%                                               | -                                             |
|                           | 34 | 2057  | -                                                  | -                                               | -             | -                                        | -                              | -              | -                      | -                      | -                      | -                      | 3.0%                                               | -                                             |
|                           | 35 | 2058  | -                                                  | -                                               | -             | -                                        | -                              | -              | -                      | -                      | -                      | -                      | 3.0%                                               | -                                             |
|                           | 36 | 2059  | -                                                  | -                                               | -             | -                                        | -                              | -              | -                      | -                      | -                      | -                      | 3.0%                                               | -                                             |
|                           | 37 | 2060  | 55,515,690                                         | 76,952,421                                      | -             | 3,117,146                                | 135,585,258                    | 135,585,258    | 65,163,757             | 45,418,748             | 37,968,158             | 22,295,048             | 3.0%                                               | 18,596,809                                    |
|                           | 38 | 2061  | -                                                  | -                                               | -             | -                                        | -                              | -              | -                      | -                      | -                      | -                      | 3.0%                                               | -                                             |
|                           | 39 | 2062  | -                                                  | -                                               | -             | -                                        | -                              | -              | -                      | -                      | -                      | -                      | 3.0%                                               | -                                             |
|                           | 40 | 2063  | -                                                  | -                                               | -             | -                                        | -                              | -              | -                      | -                      | -                      | -                      | 3.0%                                               | -                                             |
|                           | 41 | 2064  | -                                                  | -                                               | -             | -                                        | -                              | -              | -                      | -                      | -                      | -                      | 3.0%                                               | -                                             |
|                           | 42 | 2065  | -                                                  | -                                               | -             | -                                        | -                              | -              | -                      | -                      | -                      | -                      | 3.0%                                               | -                                             |
|                           | 43 | 2066  | -                                                  | -                                               | -             | -                                        | -                              | -              | -                      | -                      | -                      | -                      | 3.0%                                               | -                                             |
|                           | 44 | 2067  | -                                                  | -                                               | -             | -                                        | -                              | -              | -                      | -                      | -                      | -                      | 3.0%                                               | -                                             |
|                           | 45 | 2068  | -                                                  | -                                               | -             | -                                        | -                              | -              | -                      | -                      | -                      | -                      | 3.0%                                               | -                                             |
|                           | 46 | 2069  | -                                                  | -                                               | -             | -                                        | -                              | -              | -                      | -                      | -                      | -                      | 3.0%                                               | -                                             |
|                           | 47 | 2070  | -                                                  | -                                               | -             | -                                        | -                              | -              | -                      | -                      | -                      | -                      | 3.0%                                               | -                                             |
|                           | 48 | 2071  | -                                                  | -                                               | -             | -                                        | -                              | -              | -                      | -                      | -                      | -                      | 3.0%                                               | -                                             |
|                           | 49 | 2072  | -                                                  | -                                               | -             | -                                        | -                              | -              | -                      | -                      | -                      | -                      | 3.0%                                               | -                                             |
|                           | 50 | 2073  | -                                                  | -                                               | -             | -                                        | -                              | -              | -                      | -                      | -                      | -                      | 3.0%                                               | -                                             |
|                           | 51 | 2074  | 11,588,338                                         | 56,848,049                                      | -             | -                                        | 68,436,387                     | 68,436,387     | 24,927,476             | 15,156,140             | 11,839,387             | 5,683,722              | 3.0%                                               | 2,566,390                                     |
|                           | 52 | 2075  | -                                                  | -                                               | -             | -                                        | -                              | -              | -                      | -                      | -                      | -                      | 3.0%                                               | -                                             |
|                           |    | Total | \$ 295,338,348                                     | \$ 141,770,368                                  | \$ 20,334,257 | \$ 31,171,464                            | \$ 468,280,180                 | \$ 488,614,437 | \$ 319,457,363         | \$ 268,736,578         | \$ 248,617,295         | \$ 202,829,740         |                                                    | \$ 183,567,104                                |



Proposed Project 2074 Low Growth Scenario minus No-Build Benefits (USD)

| N  | Year  | Undiscounted Benefit Categories: all values in constant 2024 \$ |                 |                                  |                                                           |                                  |                                                                                |                                      |                 |                               | Present Value Benefits    |                           |                           |
|----|-------|-----------------------------------------------------------------|-----------------|----------------------------------|-----------------------------------------------------------|----------------------------------|--------------------------------------------------------------------------------|--------------------------------------|-----------------|-------------------------------|---------------------------|---------------------------|---------------------------|
|    |       | Traffic Benefits                                                | Noise Benefits  | Traffic-Related Carbon Emissions | Estimated Peat Removal Carbon Emissions from Construction | Annual Carbon Sequestration Loss | Bulk Material, Construction Tailpipe, and Commuter/Delivery Tailpipe Emissions | Traffic-Related Non-Carbon Emissions | Amenity Loss    | Total Benefits (Undiscounted) | Total Benefits Discounted | Total Benefits Discounted | Total Benefits Discounted |
|    |       |                                                                 |                 |                                  |                                                           |                                  |                                                                                |                                      |                 |                               | 2%                        | 3%                        | 3.5%                      |
| 1  | 2024  | -                                                               | -               | -                                | -                                                         | -                                | -                                                                              | -                                    | -               | -                             | -                         | -                         | -                         |
| 2  | 2025  | -                                                               | -               | -                                | -                                                         | -                                | -                                                                              | -                                    | -               | -                             | -                         | -                         | -                         |
| 3  | 2026  | (6,690,493)                                                     | (1,103,720)     | (9,808,855)                      | (28,865,971)                                              | (166,396)                        | (13,102,223)                                                                   | (3,686,401)                          | (12,620,800)    | (76,044,858)                  | (71,658,768)              | (69,591,818)              | (68,588,105)              |
| 4  | 2027  | (4,145,773)                                                     | (1,140,915)     | (10,231,395)                     | -                                                         | (168,930)                        | -                                                                              | (3,835,356)                          | -               | (19,522,369)                  | (18,035,651)              | (17,345,372)              | (17,012,617)              |
| 5  | 2028  | (1,134,521)                                                     | (1,179,364)     | (10,671,495)                     | -                                                         | (171,502)                        | -                                                                              | (3,980,190)                          | -               | (17,137,073)                  | (15,521,575)              | (14,782,589)              | (14,428,955)              |
| 6  | 2029  | 2,438,690                                                       | (1,219,109)     | (11,129,846)                     | -                                                         | (174,114)                        | -                                                                              | (4,138,306)                          | -               | (14,222,684)                  | (12,629,337)              | (11,911,274)              | (11,570,163)              |
| 7  | 2030  | 6,679,890                                                       | (1,260,193)     | (11,607,162)                     | -                                                         | (176,765)                        | -                                                                              | (4,292,222)                          | -               | (10,656,453)                  | (9,277,084)               | (8,664,671)               | (8,375,876)               |
| 8  | 2031  | 11,737,521                                                      | (1,302,661)     | (12,104,185)                     | -                                                         | (179,457)                        | -                                                                              | (4,379,418)                          | -               | (6,228,201)                   | (5,315,709)               | (4,916,599)               | (4,729,768)               |
| 9  | 2032  | 17,749,422                                                      | (1,346,561)     | (12,621,682)                     | -                                                         | (182,190)                        | -                                                                              | (4,467,527)                          | -               | (868,538)                     | (726,754)                 | (665,662)                 | (637,273)                 |
| 10 | 2033  | 24,927,653                                                      | (1,391,940)     | (13,160,444)                     | -                                                         | (184,965)                        | -                                                                              | (4,556,510)                          | -               | 5,633,794                     | 4,621,674                 | 4,192,072                 | 3,993,903                 |
| 11 | 2034  | 33,516,083                                                      | (1,438,848)     | (13,721,295)                     | -                                                         | (187,781)                        | -                                                                              | (4,646,320)                          | -               | 13,521,839                    | 10,875,115                | 9,768,464                 | 9,261,725                 |
| 12 | 2035  | 43,822,199                                                      | (1,487,338)     | (14,305,082)                     | -                                                         | (190,641)                        | -                                                                              | (4,736,910)                          | -               | 23,102,229                    | 18,215,950                | 16,203,439                | 15,288,669                |
| 13 | 2036  | 23,125,143                                                      | (1,480,350)     | 1,063,881                        | -                                                         | (193,544)                        | (12,639,139)                                                                   | 1,020,253                            | -               | 10,896,243                    | 8,423,151                 | 7,419,812                 | 6,967,103                 |
| 14 | 2037  | 24,959,462                                                      | (1,515,139)     | 1,120,562                        | -                                                         | (196,491)                        | -                                                                              | 1,051,445                            | -               | 25,419,839                    | 19,265,061                | 16,805,508                | 15,703,913                |
| 15 | 2038  | 26,984,635                                                      | (1,550,744)     | 1,180,137                        | -                                                         | (199,484)                        | -                                                                              | 1,083,527                            | -               | 27,498,071                    | 20,431,472                | 17,649,966                | 16,413,341                |
| 16 | 2039  | 29,232,471                                                      | (1,587,187)     | 1,242,751                        | -                                                         | (202,522)                        | -                                                                              | 1,116,524                            | -               | 29,802,037                    | 21,709,169                | 18,571,644                | 17,187,011                |
| 17 | 2040  | 31,702,970                                                      | (1,624,486)     | 1,308,552                        | -                                                         | (205,606)                        | -                                                                              | 1,150,460                            | -               | 32,331,891                    | 23,090,226                | 19,561,325                | 18,015,452                |
| 18 | 2041  | 34,427,941                                                      | (1,662,661)     | 1,377,390                        | -                                                         | (208,690)                        | -                                                                              | 1,185,361                            | -               | 35,119,341                    | 24,589,136                | 20,628,911                | 18,906,888                |
| 19 | 2042  | 37,428,590                                                      | (1,701,734)     | 1,449,706                        | -                                                         | (211,820)                        | -                                                                              | 1,221,254                            | -               | 38,185,995                    | 26,212,042                | 21,776,940                | 19,862,663                |
| 20 | 2043  | 40,726,123                                                      | (1,741,725)     | 1,525,671                        | -                                                         | (214,997)                        | -                                                                              | 1,258,165                            | -               | 41,553,237                    | 27,964,137                | 23,007,020                | 20,883,239                |
| 21 | 2044  | 44,352,349                                                      | (1,782,655)     | 1,605,464                        | -                                                         | (218,222)                        | -                                                                              | 1,296,122                            | -               | 45,253,058                    | 29,856,873                | 24,325,748                | 21,973,568                |
| 22 | 2045  | 48,328,474                                                      | (1,824,547)     | 1,689,272                        | -                                                         | (221,496)                        | -                                                                              | 1,335,155                            | -               | 49,306,858                    | 31,893,601                | 25,732,880                | 23,132,344                |
| 23 | 2046  | 35,042,915                                                      | (1,283,986)     | 4,953,104                        | -                                                         | (224,818)                        | (10,215,685)                                                                   | 240,872                              | -               | 28,512,401                    | 18,081,308                | 14,446,998                | 12,924,262                |
| 24 | 2047  | 37,587,635                                                      | (1,289,379)     | 5,047,244                        | -                                                         | (228,190)                        | -                                                                              | 241,941                              | -               | 41,359,250                    | 25,713,935                | 20,346,011                | 18,113,579                |
| 25 | 2048  | 40,174,767                                                      | (1,294,794)     | 5,143,365                        | -                                                         | (231,613)                        | -                                                                              | 242,977                              | -               | 44,034,701                    | 26,840,510                | 21,031,219                | 18,633,151                |
| 26 | 2049  | 42,783,105                                                      | (1,300,233)     | 5,241,512                        | -                                                         | (235,087)                        | -                                                                              | 244,020                              | -               | 46,733,317                    | 27,926,862                | 21,669,993                | 19,106,340                |
| 27 | 2050  | 45,433,855                                                      | (1,305,693)     | 5,341,730                        | -                                                         | (238,614)                        | -                                                                              | 245,071                              | -               | 49,476,348                    | 28,986,315                | 22,273,711                | 19,543,763                |
| 28 | 2051  | 48,116,414                                                      | (1,311,177)     | 5,444,066                        | -                                                         | (242,193)                        | -                                                                              | 246,129                              | -               | 52,253,239                    | 30,012,931                | 22,838,676                | 19,942,675                |
| 29 | 2052  | 50,830,782                                                      | (1,316,684)     | 5,548,569                        | -                                                         | (245,826)                        | -                                                                              | 247,194                              | -               | 55,064,035                    | 31,007,236                | 23,366,223                | 20,304,761                |
| 30 | 2053  | 53,587,562                                                      | (1,322,214)     | 5,655,286                        | -                                                         | (249,513)                        | -                                                                              | 248,267                              | -               | 57,919,387                    | 31,975,608                | 23,862,021                | 20,635,427                |
| 31 | 2054  | 56,376,151                                                      | (1,327,768)     | 5,764,268                        | -                                                         | (253,256)                        | -                                                                              | 249,347                              | -               | 60,808,743                    | 32,912,487                | 24,322,716                | 20,932,215                |
| 32 | 2055  | 59,207,152                                                      | (1,333,344)     | 5,875,567                        | -                                                         | (257,055)                        | -                                                                              | 250,435                              | -               | 63,742,755                    | 33,824,029                | 24,753,673                | 21,200,184                |
| 33 | 2056  | 62,069,962                                                      | (1,338,944)     | 5,989,235                        | -                                                         | (260,911)                        | -                                                                              | 251,531                              | -               | 66,710,872                    | 34,704,912                | 25,151,750                | 21,437,053                |
| 34 | 2057  | 64,964,581                                                      | (1,344,568)     | 6,105,325                        | -                                                         | (264,824)                        | -                                                                              | 252,634                              | -               | 69,713,148                    | 35,555,669                | 25,518,142                | 21,644,263                |
| 35 | 2058  | 67,912,215                                                      | (1,350,215)     | 6,223,892                        | -                                                         | (268,797)                        | -                                                                              | 253,745                              | -               | 72,770,840                    | 36,387,430                | 25,861,549                | 21,829,568                |
| 36 | 2059  | 70,891,658                                                      | (1,355,886)     | 6,344,994                        | -                                                         | (272,828)                        | -                                                                              | 254,863                              | -               | 75,862,801                    | 37,189,701                | 26,175,126                | 21,987,522                |
| 37 | 2060  | 89,521,129                                                      | (902,574)       | (24,252,821)                     | -                                                         | (276,921)                        | (16,554,916)                                                                   | (887,456)                            | -               | 46,646,440                    | 22,418,789                | 15,625,761                | 13,062,478                |
| 38 | 2061  | 93,073,134                                                      | (907,087)       | (24,788,654)                     | -                                                         | (281,075)                        | -                                                                              | (893,502)                            | -               | 66,202,816                    | 31,193,919                | 21,530,887                | 17,911,963                |
| 39 | 2062  | 96,720,566                                                      | (911,623)       | (25,336,211)                     | -                                                         | (285,291)                        | -                                                                              | (899,585)                            | -               | 69,287,856                    | 32,007,402                | 21,877,886                | 18,112,712                |
| 40 | 2063  | 100,452,822                                                     | (916,181)       | (25,895,748)                     | -                                                         | (289,570)                        | -                                                                              | (905,708)                            | -               | 72,445,615                    | 32,809,925                | 22,208,699                | 18,297,768                |
| 41 | 2064  | 104,291,108                                                     | (920,762)       | (26,467,524)                     | -                                                         | (293,914)                        | -                                                                              | (911,870)                            | -               | 75,697,038                    | 33,610,258                | 22,529,558                | 18,472,452                |
| 42 | 2065  | 108,214,218                                                     | (925,366)       | (27,051,806)                     | -                                                         | (298,322)                        | -                                                                              | (918,072)                            | -               | 79,020,651                    | 34,398,016                | 22,833,746                | 18,631,418                |
| 43 | 2066  | 112,243,358                                                     | (929,992)       | (27,648,867)                     | -                                                         | (302,797)                        | -                                                                              | (924,314)                            | -               | 82,437,388                    | 35,181,701                | 23,127,227                | 18,779,723                |
| 44 | 2067  | 116,378,528                                                     | (934,642)       | (28,258,983)                     | -                                                         | (307,339)                        | -                                                                              | (930,595)                            | -               | 85,946,969                    | 35,960,275                | 23,409,529                | 18,917,127                |
| 45 | 2068  | 120,619,728                                                     | (939,316)       | (28,882,438)                     | -                                                         | (311,949)                        | -                                                                              | (936,917)                            | -               | 89,549,108                    | 36,732,758                | 23,680,243                | 19,043,445                |
| 46 | 2069  | 124,977,561                                                     | (944,012)       | (29,519,524)                     | -                                                         | (316,629)                        | -                                                                              | (943,280)                            | -               | 93,254,117                    | 37,502,491                | 23,941,738                | 19,160,724                |
| 47 | 2070  | 129,441,424                                                     | (948,732)       | (30,170,535)                     | -                                                         | (321,378)                        | -                                                                              | (949,683)                            | -               | 97,051,096                    | 38,264,176                | 24,190,836                | 19,266,552                |
| 48 | 2071  | 134,021,920                                                     | (953,476)       | (30,835,775)                     | -                                                         | (326,199)                        | -                                                                              | (956,127)                            | -               | 100,950,343                   | 39,021,104                | 24,429,862                | 19,362,927                |
| 49 | 2072  | 138,719,049                                                     | (958,243)       | (31,515,553)                     | -                                                         | (331,092)                        | -                                                                              | (962,613)                            | -               | 104,951,547                   | 39,772,275                | 24,658,397                | 19,449,646                |
| 50 | 2073  | 143,543,414                                                     | (963,034)       | (32,210,186)                     | -                                                         | (336,058)                        | -                                                                              | (969,141)                            | -               | 109,064,995                   | 40,520,687                | 24,878,497                | 19,528,455                |
| 51 | 2074  | 148,484,412                                                     | (967,850)       | (32,919,995)                     | -                                                         | (341,099)                        | (11,712,511)                                                                   | (975,711)                            | -               | 101,567,248                   | 36,995,161                | 22,493,406                | 17,570,974                |
| 52 | 2075  |                                                                 |                 |                                  |                                                           |                                  |                                                                                |                                      |                 | -                             | -                         | -                         | -                         |
|    | Total | \$ 2,965,849,954                                                | \$ (61,839,655) | \$ (452,874,520)                 | \$ (28,865,971)                                           | \$ (11,948,770)                  | \$ (64,224,474)                                                                | \$ (41,496,445)                      | \$ (12,620,800) | \$ 2,291,979,319              | \$ 1,091,490,594          | \$ 760,799,820            | \$ 636,050,191            |

|                           | Present Value Benefits Using WebTAG Discount Schedule |                                                                            |                                 |                                     |                                  |                                                           |                                  |                                                                                |                                      |                                 |                 |
|---------------------------|-------------------------------------------------------|----------------------------------------------------------------------------|---------------------------------|-------------------------------------|----------------------------------|-----------------------------------------------------------|----------------------------------|--------------------------------------------------------------------------------|--------------------------------------|---------------------------------|-----------------|
| Total Benefits Discounted | WebTAG Discount Schedule - All other Impacts          | WebTAG Discount Schedule - Health Impacts (noise and non carbon emissions) | Traffic Benefits                | Noise Benefits                      | Traffic-Related Carbon Emissions | Estimated Peat Removal Carbon Emissions from Construction | Annual Carbon Sequestration Loss | Bulk Material, Construction Tailpipe, and Commuter/Delivery Tailpipe Emissions | Traffic-Related Non-Carbon Emissions | Amenity Loss                    | Total Benefits  |
| 5%                        |                                                       |                                                                            | Years 0-30 3.5%; Years 31-75 3% | Years 0-30 1.5% ; Years 31-75 1.29% | Years 0-30 3.5%; Years 31-75 3%  | Years 0-30 3.5%; Years 31-75 3%                           | Years 0-30 3.5%; Years 31-75 3%  | Years 0-30 3.5%; Years 31-75 3%                                                | Years 0-30 1.5% ; Years 31-75 1.29%  | Years 0-30 3.5%; Years 31-75 3% | WebTAG          |
| -                         | 3.5%                                                  | 1.50%                                                                      | -                               | -                                   | -                                | -                                                         | -                                | -                                                                              | -                                    | -                               | -               |
| -                         | 3.5%                                                  | 1.50%                                                                      | -                               | -                                   | -                                | -                                                         | -                                | -                                                                              | -                                    | -                               | -               |
| (65,690,408)              | 3.5%                                                  | 1.50%                                                                      | (6,034,441.36)                  | (1,055,506.23)                      | (8,847,025.21)                   | (26,035,451.54)                                           | (150,079.40)                     | (11,817,454.66)                                                                | (3,525,367.67)                       | (11,383,238.50)                 | (68,848,564.59) |
| (16,061,101)              | 3.5%                                                  | 1.50%                                                                      | (3,612,801.66)                  | (1,074,952.51)                      | (8,916,069.46)                   | -                                                         | (147,212.44)                     | -                                                                              | (3,613,611.89)                       | -                               | (17,364,647.96) |
| (13,427,345)              | 3.5%                                                  | 1.50%                                                                      | (955,236.24)                    | (1,094,757.05)                      | (8,985,112.28)                   | -                                                         | (144,400.25)                     | -                                                                              | (3,694,652.78)                       | -                               | (14,874,158.60) |
| (10,613,186)              | 3.5%                                                  | 1.50%                                                                      | 1,983,875.89                    | (1,114,926.47)                      | (9,054,136.57)                   | -                                                         | (141,641.77)                     | -                                                                              | (3,784,655.57)                       | -                               | (12,111,484.49) |
| (7,573,342)               | 3.5%                                                  | 1.50%                                                                      | 5,250,333.16                    | (1,135,467.48)                      | (9,123,124.65)                   | -                                                         | (138,936.00)                     | -                                                                              | (3,867,407.40)                       | -                               | (9,014,602.36)  |
| (4,215,491)               | 3.5%                                                  | 1.50%                                                                      | 8,913,609.09                    | (1,156,386.93)                      | (9,192,058.30)                   | -                                                         | (136,281.91)                     | -                                                                              | (3,887,657.94)                       | -                               | (5,458,775.98)  |
| (559,867)                 | 3.5%                                                  | 1.50%                                                                      | 13,023,300.66                   | (1,177,691.79)                      | (9,260,918.75)                   | -                                                         | (133,678.52)                     | -                                                                              | (3,907,264.59)                       | -                               | (1,456,252.98)  |
| 3,458,661                 | 3.5%                                                  | 1.50%                                                                      | 17,671,682.19                   | (1,199,389.16)                      | (9,329,686.61)                   | -                                                         | (131,124.86)                     | -                                                                              | (3,926,194.94)                       | -                               | 3,085,286.63    |
| 7,905,939                 | 3.5%                                                  | 1.50%                                                                      | 22,956,697.39                   | (1,221,486.28)                      | (9,398,341.93)                   | -                                                         | (128,619.99)                     | -                                                                              | (3,944,415.52)                       | -                               | 8,263,833.67    |
| 12,864,185                | 3.5%                                                  | 1.50%                                                                      | 29,000,799.39                   | (1,243,990.51)                      | (9,466,864.13)                   | -                                                         | (126,162.96)                     | -                                                                              | (3,961,891.85)                       | -                               | 14,201,889.93   |
| 5,778,511                 | 3.5%                                                  | 1.50%                                                                      | 14,786,312.47                   | (1,219,848.77)                      | 680,249.89                       | -                                                         | (123,752.87)                     | (8,081,517.79)                                                                 | 840,715.85                           | -                               | 6,882,158.78    |
| 12,838,746                | 3.5%                                                  | 1.50%                                                                      | 15,419,501.12                   | (1,230,064.25)                      | 692,262.63                       | -                                                         | (121,388.83)                     | -                                                                              | 853,614.87                           | -                               | 15,613,925.54   |
| 13,227,042                | 3.5%                                                  | 1.50%                                                                      | 16,106,875.48                   | (1,240,365.28)                      | 704,412.78                       | -                                                         | (119,069.94)                     | -                                                                              | 866,660.87                           | -                               | 16,318,513.91   |
| 13,652,656                | 3.5%                                                  | 1.50%                                                                      | 16,858,538.84                   | (1,250,752.58)                      | 716,701.57                       | -                                                         | (116,795.35)                     | -                                                                              | 879,855.39                           | -                               | 17,087,547.87   |
| 14,106,297                | 3.5%                                                  | 1.50%                                                                      | 17,665,014.70                   | (1,261,226.86)                      | 729,130.22                       | -                                                         | (114,564.21)                     | -                                                                              | 893,200.01                           | -                               | 17,911,553.85   |
| 14,592,811                | 3.5%                                                  | 1.50%                                                                      | 18,534,665.55                   | (1,271,788.86)                      | 741,533.09                       | -                                                         | (112,350.41)                     | -                                                                              | 906,696.27                           | -                               | 18,798,755.64   |
| 15,111,495                | 3.5%                                                  | 1.50%                                                                      | 19,468,694.07                   | (1,282,439.31)                      | 754,072.64                       | -                                                         | (110,179.39)                     | -                                                                              | 920,345.78                           | -                               | 19,750,493.79   |
| 15,660,978                | 3.5%                                                  | 1.50%                                                                      | 20,467,560.02                   | (1,293,178.95)                      | 766,750.04                       | -                                                         | (108,050.32)                     | -                                                                              | 934,150.13                           | -                               | 20,767,230.93   |
| 16,243,240                | 3.5%                                                  | 1.50%                                                                      | 21,536,210.15                   | (1,304,008.53)                      | 779,566.47                       | -                                                         | (105,962.39)                     | -                                                                              | 948,110.95                           | -                               | 21,853,916.64   |
| 16,855,543                | 3.5%                                                  | 1.50%                                                                      | 22,673,334.06                   | (1,314,928.79)                      | 792,523.10                       | -                                                         | (103,914.81)                     | -                                                                              | 962,229.87                           | -                               | 23,009,243.43   |
| 9,282,820                 | 3.5%                                                  | 1.50%                                                                      | 15,884,449.93                   | (911,677.83)                        | 2,245,170.93                     | -                                                         | (101,906.79)                     | (4,630,623.46)                                                                 | 171,028.03                           | -                               | 12,656,440.80   |
| 12,824,176                | 3.5%                                                  | 1.50%                                                                      | 16,461,772.89                   | (901,977.22)                        | 2,210,476.54                     | -                                                         | (99,937.58)                      | -                                                                              | 169,248.16                           | -                               | 17,839,582.79   |
| 13,003,569                | 3.5%                                                  | 1.50%                                                                      | 16,999,831.70                   | (892,379.83)                        | 2,176,399.44                     | -                                                         | (98,006.42)                      | -                                                                              | 167,460.97                           | -                               | 18,353,305.87   |
| 13,143,312                | 3.5%                                                  | 1.50%                                                                      | 17,491,345.00                   | (882,884.56)                        | 2,142,927.48                     | -                                                         | (96,112.57)                      | -                                                                              | 165,694.59                           | -                               | 18,820,969.94   |
| 13,252,157                | 3.5%                                                  | 1.50%                                                                      | 17,946,928.94                   | (873,490.32)                        | 2,110,048.74                     | -                                                         | (94,255.33)                      | -                                                                              | 163,948.74                           | -                               | 19,253,180.78   |
| 13,329,469                | 3.5%                                                  | 1.50%                                                                      | 18,363,838.25                   | (864,196.04)                        | 2,077,751.54                     | -                                                         | (92,433.97)                      | -                                                                              | 162,223.18                           | -                               | 19,647,182.96   |
| 13,377,605                | 3.5%                                                  | 1.50%                                                                      | 18,743,757.08                   | (855,000.65)                        | 2,046,024.46                     | -                                                         | (90,647.80)                      | -                                                                              | 160,517.62                           | -                               | 20,004,650.70   |
| 13,401,240                | 3.5%                                                  | 1.50%                                                                      | 19,092,091.42                   | (845,903.10)                        | 2,014,856.30                     | -                                                         | (88,896.15)                      | -                                                                              | 158,831.82                           | -                               | 20,330,980.28   |
| 13,399,783                | 3.0%                                                  | 1.29%                                                                      | 22,549,735.69                   | (892,397.61)                        | 2,305,633.25                     | -                                                         | (101,299.09)                     | -                                                                              | 167,587.22                           | -                               | 24,029,259.46   |
| 13,377,448                | 3.0%                                                  | 1.29%                                                                      | 22,992,329.81                   | (884,732.63)                        | 2,281,700.31                     | -                                                         | (99,823.86)                      | -                                                                              | 166,174.76                           | -                               | 24,455,648.39   |
| 13,333,672                | 3.0%                                                  | 1.29%                                                                      | 23,402,004.81                   | (877,133.48)                        | 2,258,098.68                     | -                                                         | (98,370.12)                      | -                                                                              | 164,776.08                           | -                               | 24,849,375.96   |
| 13,270,232                | 3.0%                                                  | 1.29%                                                                      | 23,779,953.54                   | (869,599.61)                        | 2,234,823.01                     | -                                                         | (96,937.54)                      | -                                                                              | 163,391.01                           | -                               | 25,211,630.40   |
| 13,192,646                | 3.0%                                                  | 1.29%                                                                      | 24,134,873.72                   | (862,130.45)                        | 2,211,868.03                     | -                                                         | (95,525.83)                      | -                                                                              | 162,019.40                           | -                               | 25,551,104.88   |
| 13,098,275                | 3.0%                                                  | 1.29%                                                                      | 24,459,920.68                   | (854,725.44)                        | 2,189,228.58                     | -                                                         | (94,134.68)                      | -                                                                              | 160,661.10                           | -                               | 25,860,950.24   |
| 7,670,337                 | 3.0%                                                  | 1.29%                                                                      | 29,988,050.71                   | (561,719.97)                        | (8,124,281.32)                   | -                                                         | (92,763.78)                      | (5,545,614.44)                                                                 | (552,311.28)                         | -                               | 15,111,359.92   |
| 10,367,716                | 3.0%                                                  | 1.29%                                                                      | 30,269,817.26                   | (557,338.90)                        | (8,061,918.65)                   | -                                                         | (91,412.85)                      | -                                                                              | (548,991.48)                         | -                               | 21,010,155.38   |
| 10,334,143                | 3.0%                                                  | 1.29%                                                                      | 30,539,861.69                   | (552,992.00)                        | (7,999,998.60)                   | -                                                         | (90,081.60)                      | -                                                                              | (545,690.16)                         | -                               | 21,351,099.32   |
| 10,290,587                | 3.0%                                                  | 1.29%                                                                      | 30,794,499.76                   | (548,679.00)                        | (7,938,518.67)                   | -                                                         | (88,769.73)                      | -                                                                              | (542,407.26)                         | -                               | 21,676,125.10   |
| 10,240,417                | 3.0%                                                  | 1.29%                                                                      | 31,039,953.97                   | (544,399.64)                        | (7,877,476.31)                   | -                                                         | (87,476.97)                      | -                                                                              | (539,142.68)                         | -                               | 21,991,458.37   |
| 10,180,991                | 3.0%                                                  | 1.29%                                                                      | 31,269,496.46                   | (540,153.66)                        | (7,816,869.00)                   | -                                                         | (86,203.03)                      | -                                                                              | (535,896.36)                         | -                               | 22,290,374.41   |
| 10,115,430                | 3.0%                                                  | 1.29%                                                                      | 31,489,081.19                   | (535,940.79)                        | (7,756,694.23)                   | -                                                         | (84,947.65)                      | -                                                                              | (532,668.22)                         | -                               | 22,578,830.31   |
| 10,043,877                | 3.0%                                                  | 1.29%                                                                      | 31,698,227.11                   | (531,760.78)                        | (7,696,949.48)                   | -                                                         | (83,710.55)                      | -                                                                              | (529,458.17)                         | -                               | 22,856,348.13   |
| 9,966,503                 | 3.0%                                                  | 1.29%                                                                      | 31,896,514.87                   | (527,613.37)                        | (7,637,632.25)                   | -                                                         | (82,491.46)                      | -                                                                              | (526,266.15)                         | -                               | 23,122,511.64   |
| 9,884,626                 | 3.0%                                                  | 1.29%                                                                      | 32,086,305.08                   | (523,498.31)                        | (7,578,740.04)                   | -                                                         | (81,290.13)                      | -                                                                              | (523,092.07)                         | -                               | 23,379,684.54   |
| 9,797,232                 | 3.0%                                                  | 1.29%                                                                      | 32,264,409.48                   | (519,415.34)                        | (7,520,270.33)                   | -                                                         | (80,106.29)                      | -                                                                              | (519,935.85)                         | -                               | 23,624,681.67   |
| 9,705,579                 | 3.0%                                                  | 1.29%                                                                      | 32,433,143.94                   | (515,364.22)                        | (7,462,220.65)                   | -                                                         | (78,939.69)                      | -                                                                              | (516,797.42)                         | -                               | 23,859,821.95   |
| 9,609,774                 | 3.0%                                                  | 1.29%                                                                      | 32,592,081.09                   | (511,344.69)                        | (7,404,588.50)                   | -                                                         | (77,790.09)                      | -                                                                              | (513,676.71)                         | -                               | 24,084,681.11   |
| 9,510,874                 | 3.0%                                                  | 1.29%                                                                      | 32,743,268.99                   | (507,356.52)                        | (7,347,371.40)                   | -                                                         | (76,657.22)                      | -                                                                              | (510,573.62)                         | -                               | 24,301,310.23   |
| 8,435,279                 | 3.0%                                                  | 1.29%                                                                      | 32,883,830.69                   | (503,399.45)                        | (7,290,566.87)                   | -                                                         | (75,540.86)                      | (2,593,889.90)                                                                 | (507,488.09)                         | -                               | 21,912,945.53   |
| -                         | 3.0%                                                  | 1.29%                                                                      |                                 | -                                   |                                  | -                                                         |                                  | -                                                                              | -                                    | -                               | -               |
| \$ 371,595,132            |                                                       |                                                                            | \$ 1,028,005,901                | \$ (44,392,362)                     | \$ (169,225,224)                 | \$ (26,035,452)                                           | \$ (5,120,636)                   | \$ (32,669,100)                                                                | \$ (34,748,373)                      | \$ (11,383,238)                 | 704,431,515     |

Proposed Project 2074 Medium Growth Scenario minus No-Build Benefits (USD)

| N  | Year  | Undiscounted Benefit Categories: all values in constant 2024 \$ |                 |                                  |                                                           |                                  |                                                                                |                                      |                 |                               | Present Value Benefits    |                           |                           |
|----|-------|-----------------------------------------------------------------|-----------------|----------------------------------|-----------------------------------------------------------|----------------------------------|--------------------------------------------------------------------------------|--------------------------------------|-----------------|-------------------------------|---------------------------|---------------------------|---------------------------|
|    |       | Traffic Benefits                                                | Noise Benefits  | Traffic-Related Carbon Emissions | Estimated Peat Removal Carbon Emissions from Construction | Annual Carbon Sequestration Loss | Bulk Material, Construction Tailpipe, and Commuter/Delivery Tailpipe Emissions | Traffic-Related Non-Carbon Emissions | Amenity Loss    | Total Benefits (Undiscounted) | Total Benefits Discounted | Total Benefits Discounted | Total Benefits Discounted |
|    |       |                                                                 |                 |                                  |                                                           |                                  |                                                                                |                                      |                 |                               |                           |                           |                           |
| 1  | 2024  | -                                                               | -               | -                                | -                                                         | -                                | -                                                                              | -                                    | -               | -                             | 2%                        | 3%                        | 3.5%                      |
| 2  | 2025  | -                                                               | -               | -                                | -                                                         | -                                | -                                                                              | -                                    | -               | -                             | -                         | -                         | -                         |
| 3  | 2026  | (6,690,493)                                                     | (1,103,720)     | (9,808,855)                      | (28,865,971)                                              | (166,396)                        | (13,102,223)                                                                   | (3,686,401)                          | (12,620,800)    | (76,044,858)                  | (71,658,768)              | (69,591,818)              | (68,588,105)              |
| 4  | 2027  | (4,145,773)                                                     | (1,140,915)     | (10,231,395)                     | -                                                         | (168,930)                        | -                                                                              | (3,835,356)                          | -               | (19,522,369)                  | (18,035,651)              | (17,345,372)              | (17,012,617)              |
| 5  | 2028  | (1,134,521)                                                     | (1,179,364)     | (10,671,495)                     | -                                                         | (171,502)                        | -                                                                              | (3,980,190)                          | -               | (17,137,073)                  | (15,521,575)              | (14,782,589)              | (14,428,955)              |
| 6  | 2029  | 2,438,690                                                       | (1,219,109)     | (11,129,846)                     | -                                                         | (174,114)                        | -                                                                              | (4,138,306)                          | -               | (14,222,684)                  | (12,629,337)              | (11,911,274)              | (11,570,163)              |
| 7  | 2030  | 6,679,890                                                       | (1,260,193)     | (11,607,162)                     | -                                                         | (176,765)                        | -                                                                              | (4,292,222)                          | -               | (10,656,453)                  | (9,277,084)               | (8,664,671)               | (8,375,876)               |
| 8  | 2031  | 11,737,521                                                      | (1,302,661)     | (12,104,185)                     | -                                                         | (179,457)                        | -                                                                              | (4,379,418)                          | -               | (6,228,201)                   | (5,315,709)               | (4,916,599)               | (4,729,768)               |
| 9  | 2032  | 17,749,422                                                      | (1,346,561)     | (12,621,682)                     | -                                                         | (182,190)                        | -                                                                              | (4,467,527)                          | -               | (868,538)                     | (726,754)                 | (665,662)                 | (637,273)                 |
| 10 | 2033  | 24,927,653                                                      | (1,391,940)     | (13,160,444)                     | -                                                         | (184,965)                        | -                                                                              | (4,556,510)                          | -               | 5,633,794                     | 4,621,674                 | 4,192,072                 | 3,993,903                 |
| 11 | 2034  | 33,516,083                                                      | (1,438,848)     | (13,721,295)                     | -                                                         | (187,781)                        | -                                                                              | (4,646,320)                          | -               | 13,521,839                    | 10,875,115                | 9,768,464                 | 9,261,725                 |
| 12 | 2035  | 43,822,199                                                      | (1,487,338)     | (14,305,082)                     | -                                                         | (190,641)                        | -                                                                              | (4,736,910)                          | -               | 23,102,229                    | 18,215,950                | 16,203,439                | 15,288,669                |
| 13 | 2036  | 23,125,143                                                      | (1,480,350)     | 1,063,881                        | -                                                         | (193,544)                        | (12,639,139)                                                                   | 1,020,253                            | -               | 10,896,243                    | 8,423,151                 | 7,419,812                 | 6,967,103                 |
| 14 | 2037  | 24,959,462                                                      | (1,515,139)     | 1,120,562                        | -                                                         | (196,491)                        | -                                                                              | 1,051,445                            | -               | 25,419,839                    | 19,265,061                | 16,805,508                | 15,703,913                |
| 15 | 2038  | 26,984,635                                                      | (1,550,744)     | 1,180,137                        | -                                                         | (199,484)                        | -                                                                              | 1,083,527                            | -               | 27,498,071                    | 20,431,472                | 17,649,966                | 16,413,341                |
| 16 | 2039  | 29,232,471                                                      | (1,587,187)     | 1,242,751                        | -                                                         | (202,522)                        | -                                                                              | 1,116,524                            | -               | 29,802,037                    | 21,709,169                | 18,571,644                | 17,187,011                |
| 17 | 2040  | 31,702,970                                                      | (1,624,486)     | 1,308,552                        | -                                                         | (205,606)                        | -                                                                              | 1,150,460                            | -               | 32,331,891                    | 23,090,226                | 19,561,325                | 18,015,452                |
| 18 | 2041  | 34,427,941                                                      | (1,662,661)     | 1,377,390                        | -                                                         | (208,690)                        | -                                                                              | 1,185,361                            | -               | 35,119,341                    | 24,589,136                | 20,628,911                | 18,906,888                |
| 19 | 2042  | 37,428,590                                                      | (1,701,734)     | 1,449,706                        | -                                                         | (211,820)                        | -                                                                              | 1,221,254                            | -               | 38,185,995                    | 26,212,042                | 21,776,940                | 19,862,663                |
| 20 | 2043  | 40,726,123                                                      | (1,741,725)     | 1,525,671                        | -                                                         | (214,997)                        | -                                                                              | 1,258,165                            | -               | 41,553,237                    | 27,964,137                | 23,007,020                | 20,883,239                |
| 21 | 2044  | 44,352,349                                                      | (1,782,655)     | 1,605,464                        | -                                                         | (218,222)                        | -                                                                              | 1,296,122                            | -               | 45,253,058                    | 29,856,873                | 24,325,748                | 21,973,568                |
| 22 | 2045  | 48,328,474                                                      | (1,824,547)     | 1,689,272                        | -                                                         | (221,496)                        | -                                                                              | 1,335,155                            | -               | 49,306,858                    | 31,893,601                | 25,732,880                | 23,132,344                |
| 23 | 2046  | 35,042,915                                                      | (1,283,986)     | 4,953,104                        | -                                                         | (224,818)                        | (10,215,685)                                                                   | 240,872                              | -               | 28,512,401                    | 18,081,308                | 14,446,998                | 12,924,262                |
| 24 | 2047  | 36,962,058                                                      | (1,295,671)     | 5,103,133                        | -                                                         | (228,190)                        | -                                                                              | 244,229                              | -               | 40,785,559                    | 25,357,259                | 20,063,792                | 17,862,327                |
| 25 | 2048  | 38,902,407                                                      | (1,307,461)     | 5,257,584                        | -                                                         | (231,613)                        | -                                                                              | 247,633                              | -               | 42,868,549                    | 26,129,704                | 20,474,258                | 18,139,697                |
| 26 | 2049  | 40,853,359                                                      | (1,319,359)     | 5,416,585                        | -                                                         | (235,087)                        | -                                                                              | 251,082                              | -               | 44,966,580                    | 26,871,097                | 20,850,766                | 18,384,032                |
| 27 | 2050  | 42,804,311                                                      | (1,331,365)     | 5,580,270                        | -                                                         | (238,614)                        | -                                                                              | 254,579                              | -               | 47,069,181                    | 27,576,047                | 21,190,030                | 18,592,903                |
| 28 | 2051  | 44,765,866                                                      | (1,343,481)     | 5,748,772                        | -                                                         | (242,193)                        | -                                                                              | 258,124                              | -               | 49,187,089                    | 28,251,812                | 21,498,533                | 18,772,466                |
| 29 | 2052  | 46,716,818                                                      | (1,355,706)     | 5,922,233                        | -                                                         | (245,826)                        | -                                                                              | 261,716                              | -               | 51,299,235                    | 28,887,231                | 21,768,644                | 18,916,498                |
| 30 | 2053  | 48,667,770                                                      | (1,368,043)     | 6,100,794                        | -                                                         | (249,513)                        | -                                                                              | 265,358                              | -               | 53,416,366                    | 29,489,621                | 22,006,836                | 19,031,098                |
| 31 | 2054  | 50,608,119                                                      | (1,380,492)     | 6,284,604                        | -                                                         | (253,256)                        | -                                                                              | 269,050                              | -               | 55,528,025                    | 30,054,320                | 22,210,496                | 19,114,431                |
| 32 | 2055  | 52,527,262                                                      | (1,393,055)     | 6,473,815                        | -                                                         | (257,055)                        | -                                                                              | 272,792                              | -               | 57,623,759                    | 30,577,085                | 22,377,440                | 19,165,069                |
| 33 | 2056  | 54,425,199                                                      | (1,405,732)     | 6,668,582                        | -                                                         | (260,911)                        | -                                                                              | 276,585                              | -               | 59,703,723                    | 31,059,592                | 22,509,871                | 19,185,356                |
| 34 | 2057  | 56,291,327                                                      | (1,418,524)     | 6,869,066                        | -                                                         | (264,824)                        | -                                                                              | 280,429                              | -               | 61,757,474                    | 31,498,051                | 22,606,009                | 19,174,217                |
| 35 | 2058  | 58,125,646                                                      | (1,431,432)     | 7,075,433                        | -                                                         | (268,797)                        | -                                                                              | 284,327                              | -               | 63,785,176                    | 31,894,349                | 22,668,193                | 19,134,077                |
| 36 | 2059  | 59,917,553                                                      | (1,444,458)     | 7,287,852                        | -                                                         | (272,828)                        | -                                                                              | 288,277                              | -               | 65,776,395                    | 32,245,111                | 22,694,989                | 19,064,151                |
| 37 | 2060  | 85,046,663                                                      | (786,227)       | 25,606,015                       | -                                                         | (276,921)                        | (16,554,916)                                                                   | 1,075,074                            | -               | 94,109,688                    | 45,230,145                | 31,525,140                | 26,353,687                |
| 38 | 2061  | 87,888,267                                                      | (794,326)       | 26,305,520                       | -                                                         | (281,075)                        | -                                                                              | 1,089,958                            | -               | 114,208,344                   | 53,813,509                | 37,143,540                | 30,900,431                |
| 39 | 2062  | 90,729,871                                                      | (802,507)       | 27,024,163                       | -                                                         | (285,291)                        | -                                                                              | 1,105,047                            | -               | 117,771,283                   | 54,404,235                | 37,186,700                | 30,786,886                |
| 40 | 2063  | 93,571,475                                                      | (810,773)       | 27,762,467                       | -                                                         | (289,570)                        | -                                                                              | 1,120,346                            | -               | 121,353,945                   | 54,960,039                | 37,201,882                | 30,650,665                |
| 41 | 2064  | 96,402,476                                                      | (819,124)       | 28,520,972                       | -                                                         | (293,914)                        | -                                                                              | 1,135,858                            | -               | 124,946,268                   | 55,477,419                | 37,187,508                | 30,490,809                |
| 42 | 2065  | 99,222,874                                                      | (827,561)       | 29,300,231                       | -                                                         | (298,322)                        | -                                                                              | 1,151,584                            | -               | 128,548,805                   | 55,957,826                | 37,145,363                | 30,309,122                |
| 43 | 2066  | 102,000,860                                                     | (836,085)       | 30,100,813                       | -                                                         | (302,797)                        | -                                                                              | 1,167,528                            | -               | 132,130,319                   | 56,389,091                | 37,068,228                | 30,100,066                |
| 44 | 2067  | 104,736,434                                                     | (844,696)       | 30,923,302                       | -                                                         | (307,339)                        | -                                                                              | 1,183,694                            | -               | 135,691,394                   | 56,773,379                | 36,958,507                | 29,865,990                |
| 45 | 2068  | 107,408,390                                                     | (853,397)       | 31,768,298                       | -                                                         | (311,949)                        | -                                                                              | 1,200,084                            | -               | 139,211,426                   | 57,104,082                | 36,812,878                | 29,604,596                |
| 46 | 2069  | 110,016,728                                                     | (862,187)       | 32,636,419                       | -                                                         | (316,629)                        | -                                                                              | 1,216,701                            | -               | 142,691,032                   | 57,383,731                | 36,634,000                | 29,318,422                |
| 47 | 2070  | 112,529,639                                                     | (871,067)       | 33,528,298                       | -                                                         | (321,378)                        | -                                                                              | 1,233,549                            | -               | 146,099,040                   | 57,602,229                | 36,416,466                | 29,003,534                |
| 48 | 2071  | 114,936,520                                                     | (880,039)       | 34,444,586                       | -                                                         | (326,199)                        | -                                                                              | 1,250,630                            | -               | 149,425,498                   | 57,758,575                | 36,160,791                | 28,660,775                |
| 49 | 2072  | 117,205,562                                                     | (889,104)       | 35,385,953                       | -                                                         | (331,092)                        | -                                                                              | 1,267,949                            | -               | 152,639,268                   | 57,843,939                | 35,862,641                | 28,287,146                |
| 50 | 2073  | 119,326,162                                                     | (898,262)       | 36,353,085                       | -                                                         | (336,058)                        | -                                                                              | 1,285,507                            | -               | 155,730,435                   | 57,858,199                | 35,523,215                | 27,884,060                |
| 51 | 2074  | 121,277,114                                                     | (907,514)       | 37,346,690                       | -                                                         | (341,099)                        | (11,712,511)                                                                   | 1,303,309                            | -               | 146,965,990                   | 53,531,336                | 32,547,556                | 25,424,886                |
| 52 | 2075  |                                                                 |                 |                                  | -                                                         |                                  |                                                                                |                                      |                 | -                             | -                         | -                         | -                         |
|    | Total | \$ 2,699,078,474                                                | \$ (61,103,512) | \$ 445,950,580                   | \$ (28,865,971)                                           | \$ (11,948,770)                  | \$ (64,224,474)                                                                | \$ (9,519,023)                       | \$ (12,620,800) | \$ 2,956,746,504              | \$ 1,364,043,046          | \$ 936,507,011            | \$ 777,348,722            |

|                           | Present Value Benefits Using WebTAG Discount Schedule                      |                                              |                                 |                                     |                                  |                                                           |                                  |                                                                                |                                      |                                 |                |
|---------------------------|----------------------------------------------------------------------------|----------------------------------------------|---------------------------------|-------------------------------------|----------------------------------|-----------------------------------------------------------|----------------------------------|--------------------------------------------------------------------------------|--------------------------------------|---------------------------------|----------------|
| Total Benefits Discounted | WebTAG Discount Schedule - Health Impacts (noise and non carbon emissions) | WebTAG Discount Schedule - All other Impacts | Traffic Benefits                | Noise Benefits                      | Traffic-Related Carbon Emissions | Estimated Peat Removal Carbon Emissions from Construction | Annual Carbon Sequestration Loss | Bulk Material, Construction Tailpipe, and Commuter/Delivery Tailpipe Emissions | Traffic-Related Non-Carbon Emissions | Amenity Loss                    | Total Benefits |
| 5%                        |                                                                            |                                              | Years 0-30 3.5%; Years 31-75 3% | Years 0-30 1.5% ; Years 31-75 1.29% | Years 0-30 3.5%; Years 31-75 3%  | Years 0-30 3.5%; Years 31-75 3%                           | Years 0-30 3.5%; Years 31-75 3%  | Years 0-30 3.5%; Years 31-75 3%                                                | Years 0-30 1.5% ; Years 31-75 1.29%  | Years 0-30 3.5%; Years 31-75 3% | WebTAG         |
| -                         | 1.50%                                                                      | 3.5%                                         | -                               | -                                   | -                                | -                                                         | -                                | -                                                                              | -                                    | -                               | -              |
| -                         | 1.50%                                                                      | 3.5%                                         | -                               | -                                   | -                                | -                                                         | -                                | -                                                                              | -                                    | -                               | -              |
| (65,690,408)              | 1.50%                                                                      | 3.5%                                         | (6,034,441)                     | (1,055,506)                         | (8,847,025)                      | (26,035,452)                                              | (150,079)                        | (11,817,455)                                                                   | (3,525,368)                          | (11,383,238)                    | (68,848,565)   |
| (16,061,101)              | 1.50%                                                                      | 3.5%                                         | (3,612,802)                     | (1,074,953)                         | (8,916,069)                      | -                                                         | (147,212)                        | -                                                                              | (3,613,612)                          | -                               | (17,364,648)   |
| (13,427,345)              | 1.50%                                                                      | 3.5%                                         | (955,236)                       | (1,094,757)                         | (8,985,112)                      | -                                                         | (144,400)                        | -                                                                              | (3,694,653)                          | -                               | (14,874,159)   |
| (10,613,186)              | 1.50%                                                                      | 3.5%                                         | 1,983,876                       | (1,114,926)                         | (9,054,137)                      | -                                                         | (141,642)                        | -                                                                              | (3,784,656)                          | -                               | (12,111,484)   |
| (7,573,342)               | 1.50%                                                                      | 3.5%                                         | 5,250,333                       | (1,135,467)                         | (9,123,125)                      | -                                                         | (138,936)                        | -                                                                              | (3,867,407)                          | -                               | (9,014,602)    |
| (4,215,491)               | 1.50%                                                                      | 3.5%                                         | 8,913,609                       | (1,156,387)                         | (9,192,058)                      | -                                                         | (136,282)                        | -                                                                              | (3,887,658)                          | -                               | (5,458,776)    |
| (559,867)                 | 1.50%                                                                      | 3.5%                                         | 13,023,301                      | (1,177,692)                         | (9,260,919)                      | -                                                         | (133,679)                        | -                                                                              | (3,907,265)                          | -                               | (1,456,253)    |
| 3,458,661                 | 1.50%                                                                      | 3.5%                                         | 17,671,682                      | (1,199,389)                         | (9,329,687)                      | -                                                         | (131,125)                        | -                                                                              | (3,926,195)                          | -                               | 3,085,287      |
| 7,905,939                 | 1.50%                                                                      | 3.5%                                         | 22,956,697                      | (1,221,486)                         | (9,398,342)                      | -                                                         | (128,620)                        | -                                                                              | (3,944,416)                          | -                               | 8,263,834      |
| 12,864,185                | 1.50%                                                                      | 3.5%                                         | 29,000,799                      | (1,243,991)                         | (9,466,864)                      | -                                                         | (126,163)                        | -                                                                              | (3,961,892)                          | -                               | 14,201,890     |
| 5,778,511                 | 1.50%                                                                      | 3.5%                                         | 14,786,312                      | (1,219,849)                         | 680,250                          | -                                                         | (123,753)                        | (8,081,518)                                                                    | 840,716                              | -                               | 6,882,159      |
| 12,838,746                | 1.50%                                                                      | 3.5%                                         | 15,419,501                      | (1,230,064)                         | 692,263                          | -                                                         | (121,389)                        | -                                                                              | 853,615                              | -                               | 15,613,926     |
| 13,227,042                | 1.50%                                                                      | 3.5%                                         | 16,106,875                      | (1,240,365)                         | 704,413                          | -                                                         | (119,070)                        | -                                                                              | 866,661                              | -                               | 16,318,514     |
| 13,652,656                | 1.50%                                                                      | 3.5%                                         | 16,858,539                      | (1,250,753)                         | 716,702                          | -                                                         | (116,795)                        | -                                                                              | 879,855                              | -                               | 17,087,548     |
| 14,106,297                | 1.50%                                                                      | 3.5%                                         | 17,665,015                      | (1,261,227)                         | 729,130                          | -                                                         | (114,564)                        | -                                                                              | 893,200                              | -                               | 17,911,554     |
| 14,592,811                | 1.50%                                                                      | 3.5%                                         | 18,534,666                      | (1,271,789)                         | 741,533                          | -                                                         | (112,350)                        | -                                                                              | 906,696                              | -                               | 18,798,756     |
| 15,111,495                | 1.50%                                                                      | 3.5%                                         | 19,468,694                      | (1,282,439)                         | 754,073                          | -                                                         | (110,179)                        | -                                                                              | 920,346                              | -                               | 19,750,494     |
| 15,660,978                | 1.50%                                                                      | 3.5%                                         | 20,467,560                      | (1,293,179)                         | 766,750                          | -                                                         | (108,050)                        | -                                                                              | 934,150                              | -                               | 20,767,231     |
| 16,243,240                | 1.50%                                                                      | 3.5%                                         | 21,536,210                      | (1,304,009)                         | 779,566                          | -                                                         | (105,962)                        | -                                                                              | 948,111                              | -                               | 21,853,917     |
| 16,855,543                | 1.50%                                                                      | 3.5%                                         | 22,673,334                      | (1,314,929)                         | 792,523                          | -                                                         | (103,915)                        | -                                                                              | 962,230                              | -                               | 23,009,243     |
| 9,282,820                 | 1.50%                                                                      | 3.5%                                         | 15,884,450                      | (911,678)                           | 2,245,171                        | -                                                         | (101,907)                        | (4,630,623)                                                                    | 171,028                              | -                               | 12,656,441     |
| 12,646,293                | 1.50%                                                                      | 3.5%                                         | 16,187,797                      | (906,378)                           | 2,234,953                        | -                                                         | (99,938)                         | -                                                                              | 170,849                              | -                               | 17,587,283     |
| 12,659,201                | 1.50%                                                                      | 3.5%                                         | 16,461,436                      | (901,110)                           | 2,224,731                        | -                                                         | (98,006)                         | -                                                                              | 170,670                              | -                               | 17,857,721     |
| 12,646,434                | 1.50%                                                                      | 3.5%                                         | 16,702,392                      | (895,872)                           | 2,214,504                        | -                                                         | (96,113)                         | -                                                                              | 170,490                              | -                               | 18,095,402     |
| 12,607,401                | 1.50%                                                                      | 3.5%                                         | 16,908,227                      | (890,664)                           | 2,204,275                        | -                                                         | (94,255)                         | -                                                                              | 170,310                              | -                               | 18,297,892     |
| 12,547,313                | 1.50%                                                                      | 3.5%                                         | 17,085,087                      | (885,487)                           | 2,194,044                        | -                                                         | (92,434)                         | -                                                                              | 170,129                              | -                               | 18,471,339     |
| 12,462,960                | 1.50%                                                                      | 3.5%                                         | 17,226,740                      | (880,340)                           | 2,183,812                        | -                                                         | (90,648)                         | -                                                                              | 169,948                              | -                               | 18,609,513     |
| 12,359,342                | 1.50%                                                                      | 3.5%                                         | 17,339,276                      | (875,223)                           | 2,173,581                        | -                                                         | (88,896)                         | -                                                                              | 169,766                              | -                               | 18,718,504     |
| 12,236,126                | 1.29%                                                                      | 3.0%                                         | 20,242,597                      | (927,834)                           | 2,513,761                        | -                                                         | (101,299)                        | -                                                                              | 180,829                              | -                               | 21,908,054     |
| 12,093,277                | 1.29%                                                                      | 3.0%                                         | 20,398,281                      | (924,353)                           | 2,514,022                        | -                                                         | (99,824)                         | -                                                                              | 181,009                              | -                               | 22,069,135     |
| 11,933,135                | 1.29%                                                                      | 3.0%                                         | 20,519,729                      | (920,885)                           | 2,514,230                        | -                                                         | (98,370)                         | -                                                                              | 181,189                              | -                               | 22,195,892     |
| 11,755,832                | 1.29%                                                                      | 3.0%                                         | 20,605,153                      | (917,431)                           | 2,514,387                        | -                                                         | (96,938)                         | -                                                                              | 181,368                              | -                               | 22,286,539     |
| 11,563,633                | 1.29%                                                                      | 3.0%                                         | 20,656,890                      | (913,989)                           | 2,514,491                        | -                                                         | (95,526)                         | -                                                                              | 181,546                              | -                               | 22,343,413     |
| 11,356,782                | 1.29%                                                                      | 3.0%                                         | 20,673,499                      | (910,560)                           | 2,514,545                        | -                                                         | (94,135)                         | -                                                                              | 181,724                              | -                               | 22,365,074     |
| 15,474,986                | 1.29%                                                                      | 3.0%                                         | 28,489,181                      | (489,311)                           | 8,577,578                        | -                                                         | (92,764)                         | (5,545,614)                                                                    | 669,076                              | -                               | 31,608,146     |
| 17,885,639                | 1.29%                                                                      | 3.0%                                         | 28,583,563                      | (488,055)                           | 8,555,243                        | -                                                         | (91,413)                         | -                                                                              | 669,699                              | -                               | 37,229,037     |
| 17,565,347                | 1.29%                                                                      | 3.0%                                         | 28,648,278                      | (486,802)                           | 8,532,975                        | -                                                         | (90,082)                         | -                                                                              | 670,324                              | -                               | 37,274,694     |
| 17,237,804                | 1.29%                                                                      | 3.0%                                         | 28,684,976                      | (485,553)                           | 8,510,774                        | -                                                         | (88,770)                         | -                                                                              | 670,949                              | -                               | 37,292,376     |
| 16,902,931                | 1.29%                                                                      | 3.0%                                         | 28,692,076                      | (484,306)                           | 8,488,640                        | -                                                         | (87,477)                         | -                                                                              | 671,575                              | -                               | 37,280,508     |
| 16,562,179                | 1.29%                                                                      | 3.0%                                         | 28,671,365                      | (483,063)                           | 8,466,572                        | -                                                         | (86,203)                         | -                                                                              | 672,202                              | -                               | 37,240,872     |
| 16,212,972                | 1.29%                                                                      | 3.0%                                         | 28,615,621                      | (481,823)                           | 8,444,570                        | -                                                         | (84,948)                         | -                                                                              | 672,829                              | -                               | 37,166,249     |
| 15,857,077                | 1.29%                                                                      | 3.0%                                         | 28,527,249                      | (480,586)                           | 8,422,635                        | -                                                         | (83,711)                         | -                                                                              | 673,458                              | -                               | 37,059,045     |
| 15,493,746                | 1.29%                                                                      | 3.0%                                         | 28,402,927                      | (479,353)                           | 8,400,765                        | -                                                         | (82,491)                         | -                                                                              | 674,087                              | -                               | 36,915,934     |
| 15,124,775                | 1.29%                                                                      | 3.0%                                         | 28,245,313                      | (478,122)                           | 8,378,961                        | -                                                         | (81,290)                         | -                                                                              | 674,717                              | -                               | 36,739,578     |
| 14,748,583                | 1.29%                                                                      | 3.0%                                         | 28,048,999                      | (476,895)                           | 8,357,222                        | -                                                         | (80,106)                         | -                                                                              | 675,348                              | -                               | 36,524,567     |
| 14,366,083                | 1.29%                                                                      | 3.0%                                         | 27,814,500                      | (475,671)                           | 8,335,549                        | -                                                         | (78,940)                         | -                                                                              | 675,979                              | -                               | 36,271,417     |
| 13,976,249                | 1.29%                                                                      | 3.0%                                         | 27,537,481                      | (474,450)                           | 8,313,940                        | -                                                         | (77,790)                         | -                                                                              | 676,612                              | -                               | 35,975,793     |
| 13,580,274                | 1.29%                                                                      | 3.0%                                         | 27,219,142                      | (473,232)                           | 8,292,396                        | -                                                         | (76,657)                         | -                                                                              | 677,245                              | -                               | 35,638,894     |
| 12,205,697                | 1.29%                                                                      | 3.0%                                         | 26,858,416                      | (472,017)                           | 8,270,917                        | -                                                         | (75,541)                         | (2,593,890)                                                                    | 677,879                              | -                               | 32,665,764     |
| -                         | 1.29%                                                                      | 3.0%                                         |                                 | -                                   |                                  | -                                                         | -                                | -                                                                              | -                                    | -                               | -              |
| \$ 445,500,258            |                                                                            |                                              | \$ 951,645,165                  | \$ (44,014,202)                     | \$ 74,893,109                    | \$ (26,035,452)                                           | \$ (5,120,636)                   | \$ (32,669,100)                                                                | \$ (16,554,705)                      | \$ (11,383,238)                 | \$ 890,760,941 |