| Year | Construction Costs |  |  | Travel Time Benefit |  |  | Vehicle Operation Cost Benefit |  |  | Safety Benefit |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Non-Disc. | Disc (3\%) | Disc. (7\%) | Non-Disc. | Disc (3\%) | Disc. (7\%) | Non-Disc. | Disc (3\%) | Disc. (7\%) | Non-Disc. | Disc (3\%) | Disc. (7\%) |
| 2015 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 2016 | \$2,352,000 | \$2,283,495 | \$2,198,131 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 2017 | \$4,620,000 | \$4,354,793 | \$4,035,287 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 2018 | \$9,240,000 | \$8,455,909 | \$7,542,592 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 2019 | \$4,620,000 | \$4,104,810 | \$3,524,576 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 2020 | \$0 | \$0 | \$0 | \$482,147 | \$415,904 | \$343,764 | \$0 | \$0 | \$0 | \$687,829 | \$593,327 | \$490,412 |
| 2021 | \$0 | \$0 | \$0 | \$490,062 | \$410,419 | \$326,549 | \$0 | \$0 | \$0 | \$699,119 | \$585,502 | \$465,853 |
| 2022 | \$0 | \$0 | \$0 | \$497,976 | \$404,900 | \$310,115 | \$0 | \$0 | \$0 | \$710,410 | \$577,629 | \$442,408 |
| 2023 | \$0 | \$0 | \$0 | \$505,891 | \$399,355 | \$294,433 | \$0 | \$0 | \$0 | \$721,701 | \$569,718 | \$420,037 |
| 2024 | \$0 | \$0 | \$0 | \$513,805 | \$393,789 | \$279,476 | \$0 | \$0 | \$0 | \$732,992 | \$561,777 | \$398,699 |
| 2025 | \$0 | \$0 | \$0 | \$521,720 | \$388,209 | \$265,216 | \$0 | \$0 | \$0 | \$744,283 | \$553,816 | \$378,356 |
| 2026 | \$0 | \$0 | \$0 | \$529,634 | \$382,619 | \$251,626 | \$0 | \$0 | \$0 | \$755,574 | \$545,843 | \$358,968 |
| 2027 | \$0 | \$0 | \$0 | \$537,549 | \$377,026 | \$238,678 | \$0 | \$0 | \$0 | \$766,865 | \$537,864 | \$340,497 |
| 2028 | \$0 | \$0 | \$0 | \$545,464 | \$371,434 | \$226,348 | \$0 | \$0 | \$0 | \$778,156 | \$529,886 | \$322,907 |
| 2029 | \$0 | \$0 | \$0 | \$553,378 | \$365,848 | \$214,610 | \$0 | \$0 | \$0 | \$789,447 | \$521,917 | \$306,161 |
| 2030 | \$0 | \$0 | \$0 | \$561,293 | \$360,272 | \$203,438 | \$0 | \$0 | \$0 | \$800,737 | \$513,963 | \$290,224 |
| 2031 | \$0 | \$0 | \$0 | \$569,207 | \$354,711 | \$192,810 | \$0 | \$0 | \$0 | \$812,028 | \$506,029 | \$275,062 |
| 2032 | \$0 | \$0 | \$0 | \$577,122 | \$349,168 | \$182,702 | \$0 | \$0 | \$0 | \$823,319 | \$498,122 | \$260,642 |
| 2033 | \$0 | \$0 | \$0 | \$585,036 | \$343,647 | \$173,091 | \$0 | \$0 | \$0 | \$834,610 | \$490,245 | \$246,931 |
| 2034 | \$0 | \$0 | \$0 | \$592,951 | \$338,152 | \$163,956 | \$0 | \$0 | \$0 | \$845,901 | \$482,405 | \$233,899 |
| 2035 | \$0 | \$0 | \$0 | \$600,866 | \$332,685 | \$155,275 | \$0 | \$0 | \$0 | \$857,192 | \$474,606 | \$221,515 |
| 2036 | \$0 | \$0 | \$0 | \$608,780 | \$327,249 | \$147,028 | \$0 | \$0 | \$0 | \$868,483 | \$466,852 | \$209,750 |
| 2037 | \$0 | \$0 | \$0 | \$616,695 | \$321,848 | \$139,196 | \$0 | \$0 | \$0 | \$879,774 | \$459,147 | \$198,576 |
| 2038 | \$0 | \$0 | \$0 | \$624,609 | \$316,484 | \$131,759 | \$0 | \$0 | \$0 | \$891,064 | \$451,495 | \$187,967 |
| 2039 | \$0 | \$0 | \$0 | \$632,524 | \$311,160 | \$124,700 | \$0 | \$0 | \$0 | \$902,355 | \$443,899 | \$177,896 |
| TOTAL | \$20,832,000 | \$19,199,007 | \$17,300,586 | \$11,146,710 | \$7,264,881 | \$4,364,771 | \$0 | \$0 | \$0 | \$15,901,839 | \$10,364,043 | \$6,226,759 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | No Disc. | 3\% Disc. | 7\% Disc. |  |  |  |
|  |  |  |  |  |  | Costs | \$20,832,000 | \$19,199,007 | \$17,300,586 |  |  |  |
|  |  |  |  |  |  | Benefits | \$27,048,549 | \$17,628,924 | \$10,591,530 |  |  |  |
|  |  |  |  |  |  | B/C Ratio | 1.30 | 0.92 | 0.61 |  |  |  |


| Benefits per VHT and VMT |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Value of Time |  |  |  |  |  |
| Automobiles |  |  | Trucks |  |  |
| Value of Time ${ }^{1}$ | \$15.05 | per hour | Value of Time ${ }^{1}$ | \$25.80 | per hour |
| Occupancy | 1.1 |  | Occupancy | 1.05 |  |
|  |  |  | Inventory Costs ${ }^{2}$ | \$1.03 |  |
| TOTAL COST | \$16.56 | per VHT | TOTAL COST | \$28.12 | per VHT |
| Vehicle Operating Costs |  |  |  |  |  |
| Automobiles |  |  | Trucks |  |  |
| Fuel Economy | 25 | MPG | Fuel Economy | 6 | MPG |
| Fuel Price | \$3.00 | per gallon | Fuel Price | \$3.00 | per gallon |
| Other Maint. ${ }^{3}$ | \$0.061 | per mile | Other Maint. ${ }^{6}$ | \$0.150 | per mile |
| Vehicle Life | 10 | years | Vehicle Life | 5 | years |
| Vehicle Cost | \$20,000 |  | Vehicle Cost ${ }^{6}$ | \$150,000 |  |
| Salvage Value | \$2,000 |  | Salvage Value | \$15,000 |  |
| Miles per Year | 15,000 | miles | Miles per Year ${ }^{6}$ | 125,000 | miles |
| Finance Rate | 3.0\% |  | Finance Rate | 3.0\% |  |
| Owner. Cost ${ }^{4}$ | \$2,170 | per year | Owner. Cost ${ }^{6}$ | \$29,928 | per year |
| Insurance ${ }^{5}$ | \$1,092 | per year | Insurance ${ }^{6}$ | \$6,500 | per year |
| Fuel Cost | \$0.120 | per VMT | Fuel Cost | \$0.500 | per VMT |
| Other Maint. | \$0.061 | per VMT | Other Maint. | \$0.150 | per VMT |
| Ownership | \$0.145 | per VMT | Ownership | \$0.239 | per VMT |
| Insurance | \$0.073 | per VMT | Insurance | \$0.052 | per VMT |
| TOTAL COST | \$0.398 | per VMT | TOTAL COST | \$0.941 | per VMT |
| Safety Costs |  |  |  |  |  |
| All Vehicles |  |  |  | Cost of Crash ${ }^{1}$ |  |
|  | Crash Rate (per MVM) ${ }^{7}$ |  | Crash Cost ${ }^{1}$ | AIS 0 | \$0 |
|  | Build | No-Build |  | AIS 1 | \$28,200 |
| Fatal Crashes | 0.0083 | 0.0139 | \$9,400,000 | AIS 2 | \$441,800 |
| Non-Fatal Crash | 2.24 | 2.79 | \$129,490 | AIS 3 | \$987,000 |
|  | Crash Cost (per VMT) |  |  | AIS 4 | \$2,500,400 |
| Fatal Crashes | \$0.078 | \$0.131 |  | AIS 5 | \$5,574,200 |
| Non-Fatal Crash | \$0.290 | \$0.361 |  | AIS 6 | \$9,400,000 |
| TOTAL COST | \$0.368 | \$0.492 |  |  |  |

1 - Tiger Benefit Cost Analysis (BCA) Resource Guide, 2015, pages 2 \& 3
2 - AASHTO, Equation 5-12, 3\% interest rate, \$300,000 Value of Cargo
3 - AASHTO, Table 5-4, Average of Maintenance and Tires for 5 vehicle types, adjust for in
4 - AASHTO, Equation 5-6
5 - AASHTO, Table 5-4, Average of Insurance for 5 Vehicle Types, adjusted for inflation
6 - From http://www.thetruckersreport.com/infographics/cost-of-trucking/
7 - Based on 2012 statewide average crash rates in urban areas
User and Non-User Benefit Analysis for Highways, American Association of State Highway and Trasnportation Officials (AASHTO)

| Development of Project VHT and VMT |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | ADT | ATS (mph) | Distance (mi) | Hours Per Veh | VHT | VMT |  |
| $\mathbf{2 0 1 8}$ | No Build | 10,900 | 40 | 1.5 | 0.0375 | 409 | 16,350 |  |
|  | Build |  | 50 | 1.5 | 0.0300 | 335 | 16,350 |  |
| $\mathbf{2 0 3 8}$ | No Build | 14,600 | 40 | 1.5 | 0.0375 | 548 | 21,900 |  |
|  | Build |  | 50 | 1.5 | 0.0300 | 449 | 21,900 |  |

Step 1 Developed ADT values for 2018 and 2038 Traffic
Step 2 Analyzed 15 minute class counts (Station 041936)
Step 3 Determined vehicle-hours traveled based on average travel speeds and ADT
Step 4 Determined vehicle-miles traveled based on ADT and distance

| Estimates of VMT and VHT |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Daily VMT |  |  | Daily VHT |  |  |
|  | Build | No-Build | Reduction | Build | No-Build | Reduction |
| 2018 | 16,350 | 16,350 | 0 | 335 | 409 | 74 |
| 2038 | 21,900 | 21,900 | 0 | 449 | 548 | 99 |
|  | Estimates of VMT and VHT by years using linear interpolation |  |  |  |  |  |
|  | Daily VMT |  |  | Daily VHT |  |  |
|  | Build ${ }^{1}$ | No-Build | Reduction | Build ${ }^{1}$ | No-Build | Reduction |
| 2015 | 15,518 | 15,518 | 0 | 388 | 388 | 0 |
| 2016 | 15,795 | 15,795 | 0 | 395 | 395 | 0 |
| 2017 | 16,073 | 16,073 | 0 | 402 | 402 | 0 |
| 2018 | 16,350 | 16,350 |  | 409 | 409 | 0 |
| 2019 | 16,628 | 16,628 | 0 | 416 | 416 | 0 |
| 2020 | 16,905 | 16,905 | 0 | 347 | 423 | 76 |
| 2021 | 17,183 | 17,183 | 0 | 352 | 430 | 77 |
| 2022 | 17,460 | 17,460 | 0 | 358 | 437 | 79 |
| 2023 | 17,738 | 17,738 | 0 | 364 | 443 | 80 |
| 2024 | 18,015 | 18,015 | 0 | 369 | 450 | 81 |
| 2025 | 18,293 | 18,293 | 0 | 375 | 457 | 82 |
| 2026 | 18,570 | 18,570 | 0 | 381 | 464 | 84 |
| 2027 | 18,848 | 18,848 | 0 | 386 | 471 | 85 |
| 2028 | 19,125 | 19,125 | 0 | 392 | 478 | 86 |
| 2029 | 19,403 | 19,403 | 0 | 398 | 485 | 87 |
| 2030 | 19,680 | 19,680 | 0 | 403 | 492 | 89 |
| 2031 | 19,958 | 19,958 | 0 | 409 | 499 | 90 |
| 2032 | 20,235 | 20,235 | 0 | 415 | 506 | 91 |
| 2033 | 20,513 | 20,513 | 0 | 421 | 513 | 92 |
| 2034 | 20,790 | 20,790 | 0 | 426 | 520 | 94 |
| 2035 | 21,068 | 21,068 | 0 | 432 | 527 | 95 |
| 2036 | 21,345 | 21,345 | 0 | 438 | 534 | 96 |
| 2037 | 21,623 | 21,623 | 0 | 443 | 541 | 97 |
| 2038 | 21,900 | 21,900 | 0 | 449 | 548 | 99 |
| 2039 | 22,178 | 22,178 | 0 | 455 | 554 | 100 |

1. VMT and VHT for build scenario is equal to no-build until project opens.
2. Assumes 10 percent of traffic uses old route under build alternative.

| Construction and Maintenance Costs |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Build |  |  | No-Build |  |  | ANNUAL COST (Current Dollars) |
| Year | Activity | Costs | User Delay | Activity | Costs | User Delay |  |
| 2015 |  | \$0 | \$0 |  | \$0 | \$0 | \$0 |
| 2016 | ROW | \$2,352,000 | \$0 |  | \$0 | \$0 | \$2,352,000 |
| 2017 | Const \& Eng | \$4,620,000 | \$0 |  | \$0 | \$0 | \$4,620,000 |
| 2018 | Const \& Eng | \$9,240,000 | \$0 |  | \$0 | \$0 | \$9,240,000 |
| 2019 | Const \& Eng | \$4,620,000 | \$0 |  | \$0 | \$0 | \$4,620,000 |
| 2020 |  | \$0 | \$0 |  | \$0 | \$0 | \$0 |
| 2021 |  | \$0 | \$0 |  | \$0 | \$0 | \$0 |
| 2022 |  | \$0 | \$0 |  | \$0 | \$0 | \$0 |
| 2023 |  | \$0 | \$0 |  | \$0 | \$0 | \$0 |
| 2024 |  | \$0 | \$0 |  | \$0 | \$0 | \$0 |
| 2025 |  | \$0 | \$0 |  | \$0 | \$0 | \$0 |
| 2026 |  | \$0 | \$0 |  | \$0 | \$0 | \$0 |
| 2027 |  | \$0 | \$0 |  | \$0 | \$0 | \$0 |
| 2028 |  | \$0 | \$0 |  | \$0 | \$0 | \$0 |
| 2029 |  | \$0 | \$0 |  | \$0 | \$0 | \$0 |
| 2030 |  | \$0 | \$0 |  | \$0 | \$0 | \$0 |
| 2031 |  | \$0 | \$0 |  | \$0 | \$0 | \$0 |
| 2032 |  | \$0 | \$0 |  | \$0 | \$0 | \$0 |
| 2033 |  | \$0 | \$0 |  | \$0 | \$0 | \$0 |
| 2034 |  | \$0 | \$0 |  | \$0 | \$0 | \$0 |
| 2035 |  | \$0 | \$0 |  | \$0 | \$0 | \$0 |
| 2036 |  | \$0 | \$0 |  | \$0 | \$0 | \$0 |
| 2037 |  | \$0 | \$0 |  | \$0 | \$0 | \$0 |
| 2038 |  | \$0 | \$0 |  | \$0 | \$0 | \$0 |
| 2039 |  | \$0 | \$0 |  | \$0 | \$0 | \$0 |

[^0]Assumes right-of way aquisition $=14 \%$ of construction costs
Assumes engineering $=10 \%$ of project costs

| Travel Time Benefits |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Year | Reduction of VHT |  | Benefit per Auto VHT | Benefit per Truck VHT | DALIY BENEFIT (Current Dollars) | ANNUAL BENEFIT (Current Dollars) |
|  | Auto | Truck ${ }^{1 .}$ |  |  |  |  |
| 2015 | 0.0 | 0.0 | \$16.555 | \$28.117 | \$0 | \$0 |
| 2016 | 0.0 | 0.0 | \$16.555 | \$28.117 | \$0 | \$0 |
| 2017 | 0.0 | 0.0 | \$16.555 | \$28.117 | \$0 | \$0 |
| 2018 | 0.0 | 0.0 | \$16.555 | \$28.117 | \$0 | \$0 |
| 2019 | 0.0 | 0.0 | \$16.555 | \$28.117 | \$0 | \$0 |
| 2020 | 70.7 | 5.3 | \$16.555 | \$28.117 | \$1,321 | \$482,147 |
| 2021 | 71.9 | 5.4 | \$16.555 | \$28.117 | \$1,343 | \$490,062 |
| 2022 | 73.1 | 5.5 | \$16.555 | \$28.117 | \$1,364 | \$497,976 |
| 2023 | 74.2 | 5.6 | \$16.555 | \$28.117 | \$1,386 | \$505,891 |
| 2024 | 75.4 | 5.7 | \$16.555 | \$28.117 | \$1,408 | \$513,805 |
| 2025 | 76.6 | 5.8 | \$16.555 | \$28.117 | \$1,429 | \$521,720 |
| 2026 | 77.7 | 5.8 | \$16.555 | \$28.117 | \$1,451 | \$529,634 |
| 2027 | 78.9 | 5.9 | \$16.555 | \$28.117 | \$1,473 | \$537,549 |
| 2028 | 80.0 | 6.0 | \$16.555 | \$28.117 | \$1,494 | \$545,464 |
| 2029 | 81.2 | 6.1 | \$16.555 | \$28.117 | \$1,516 | \$553,378 |
| 2030 | 82.4 | 6.2 | \$16.555 | \$28.117 | \$1,538 | \$561,293 |
| 2031 | 83.5 | 6.3 | \$16.555 | \$28.117 | \$1,559 | \$569,207 |
| 2032 | 84.7 | 6.4 | \$16.555 | \$28.117 | \$1,581 | \$577,122 |
| 2033 | 85.8 | 6.5 | \$16.555 | \$28.117 | \$1,603 | \$585,036 |
| 2034 | 87.0 | 6.5 | \$16.555 | \$28.117 | \$1,625 | \$592,951 |
| 2035 | 88.2 | 6.6 | \$16.555 | \$28.117 | \$1,646 | \$600,866 |
| 2036 | 89.3 | 6.7 | \$16.555 | \$28.117 | \$1,668 | \$608,780 |
| 2037 | 90.5 | 6.8 | \$16.555 | \$28.117 | \$1,690 | \$616,695 |
| 2038 | 91.7 | 6.9 | \$16.555 | \$28.117 | \$1,711 | \$624,609 |
| 2039 | 92.8 | 7.0 | \$16.555 | \$28.117 | \$1,733 | \$632,524 |

1. Assumes 7 percent of VHT is trucks

| Vehicle Operating Benefits |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Year | Reduction of VMT |  | Benefit per Auto VMT | Benefit per Truck VMT | DALIY BENEFIT (2014) | ANNUAL BENEFIT (2014) |
|  | Auto | Truck |  |  |  |  |
| 2015 | 0 | 0 | \$0.398 | \$0.941 | \$0 | \$0 |
| 2016 | 0 | 0 | \$0.398 | \$0.941 | \$0 | \$0 |
| 2017 | 0 | 0 | \$0.398 | \$0.941 | \$0 | \$0 |
| 2018 | 0 | 0 | \$0.398 | \$0.941 | \$0 | \$0 |
| 2019 | 0 | 0 | \$0.398 | \$0.941 | \$0 | \$0 |
| 2020 | 0 | 0 | \$0.398 | \$0.941 | \$0 | \$0 |
| 2021 | 0 | 0 | \$0.398 | \$0.941 | \$0 | \$0 |
| 2022 | 0 | 0 | \$0.398 | \$0.941 | \$0 | \$0 |
| 2023 | 0 | 0 | \$0.398 | \$0.941 | \$0 | \$0 |
| 2024 | 0 | 0 | \$0.398 | \$0.941 | \$0 | \$0 |
| 2025 | 0 | 0 | \$0.398 | \$0.941 | \$0 | \$0 |
| 2026 | 0 | 0 | \$0.398 | \$0.941 | \$0 | \$0 |
| 2027 | 0 | 0 | \$0.398 | \$0.941 | \$0 | \$0 |
| 2028 | 0 | 0 | \$0.398 | \$0.941 | \$0 | \$0 |
| 2029 | 0 | 0 | \$0.398 | \$0.941 | \$0 | \$0 |
| 2030 | 0 | 0 | \$0.398 | \$0.941 | \$0 | \$0 |
| 2031 | 0 | 0 | \$0.398 | \$0.941 | \$0 | \$0 |
| 2032 | 0 | 0 | \$0.398 | \$0.941 | \$0 | \$0 |
| 2033 | 0 | 0 | \$0.398 | \$0.941 | \$0 | \$0 |
| 2034 | 0 | 0 | \$0.398 | \$0.941 | \$0 | \$0 |
| 2035 | 0 | 0 | \$0.398 | \$0.941 | \$0 | \$0 |
| 2036 | 0 | 0 | \$0.398 | \$0.941 | \$0 | \$0 |
| 2037 | 0 | 0 | \$0.398 | \$0.941 | \$0 | \$0 |
| 2038 | 0 | 0 | \$0.398 | \$0.941 | \$0 | \$0 |
| 2039 | 0 | 0 | \$0.398 | \$0.941 | \$0 | \$0 |

Assumes 7 percent of VMT is trucks

| Safety Benefits |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Year | Build VMT | No-Build VMT | Build Cost per Mile | No-Build Cost per Mile | DALIY BENEFIT (Current Dollars) | ANNUAL BENEFIT (Current Dollars) |
|  | All | All |  |  |  |  |
| 2015 | 15,518 | 15,518 | \$0.492 | \$0.492 | \$0 | \$0 |
| 2016 | 15,795 | 15,795 | \$0.492 | \$0.492 | \$0 | \$0 |
| 2017 | 16,073 | 16,073 | \$0.492 | \$0.492 | \$0 | \$0 |
| 2018 | 16,350 | 16,350 | \$0.492 | \$0.492 | \$0 | \$0 |
| 2019 | 16,628 | 16,628 | \$0.492 | \$0.492 | \$0 | \$0 |
| 2020 | 16,905 | 16,905 | \$0.368 | \$0.492 | \$1,884 | \$687,829 |
| 2021 | 17,183 | 17,183 | \$0.368 | \$0.492 | \$1,915 | \$699,119 |
| 2022 | 17,460 | 17,460 | \$0.368 | \$0.492 | \$1,946 | \$710,410 |
| 2023 | 17,738 | 17,738 | \$0.368 | \$0.492 | \$1,977 | \$721,701 |
| 2024 | 18,015 | 18,015 | \$0.368 | \$0.492 | \$2,008 | \$732,992 |
| 2025 | 18,293 | 18,293 | \$0.368 | \$0.492 | \$2,039 | \$744,283 |
| 2026 | 18,570 | 18,570 | \$0.368 | \$0.492 | \$2,070 | \$755,574 |
| 2027 | 18,848 | 18,848 | \$0.368 | \$0.492 | \$2,101 | \$766,865 |
| 2028 | 19,125 | 19,125 | \$0.368 | \$0.492 | \$2,132 | \$778,156 |
| 2029 | 19,403 | 19,403 | \$0.368 | \$0.492 | \$2,163 | \$789,447 |
| 2030 | 19,680 | 19,680 | \$0.368 | \$0.492 | \$2,194 | \$800,737 |
| 2031 | 19,958 | 19,958 | \$0.368 | \$0.492 | \$2,225 | \$812,028 |
| 2032 | 20,235 | 20,235 | \$0.368 | \$0.492 | \$2,256 | \$823,319 |
| 2033 | 20,513 | 20,513 | \$0.368 | \$0.492 | \$2,287 | \$834,610 |
| 2034 | 20,790 | 20,790 | \$0.368 | \$0.492 | \$2,318 | \$845,901 |
| 2035 | 21,068 | 21,068 | \$0.368 | \$0.492 | \$2,348 | \$857,192 |
| 2036 | 21,345 | 21,345 | \$0.368 | \$0.492 | \$2,379 | \$868,483 |
| 2037 | 21,623 | 21,623 | \$0.368 | \$0.492 | \$2,410 | \$879,774 |
| 2038 | 21,900 | 21,900 | \$0.368 | \$0.492 | \$2,441 | \$891,064 |
| 2039 | 22,178 | 22,178 | \$0.368 | \$0.492 | \$2,472 | \$902,355 |

Under Build Alternative, assumes that 10 percent of traffic remains on old route

## 2015 Cost Estimates

1 \$ 2,147,727.00
2 \$ 10,628,655.00
3 \$ 489,624.00
4 \$ 418,700.00
5 \$ 1,225,460.00
6 \$ 180,000.00
7 \$ 1,532,950.00
8 \$ 180,000.00


[^0]:    Assumes 25\% of construction in 2016, 50\% of construction in 2017, and 25\% in 2018

