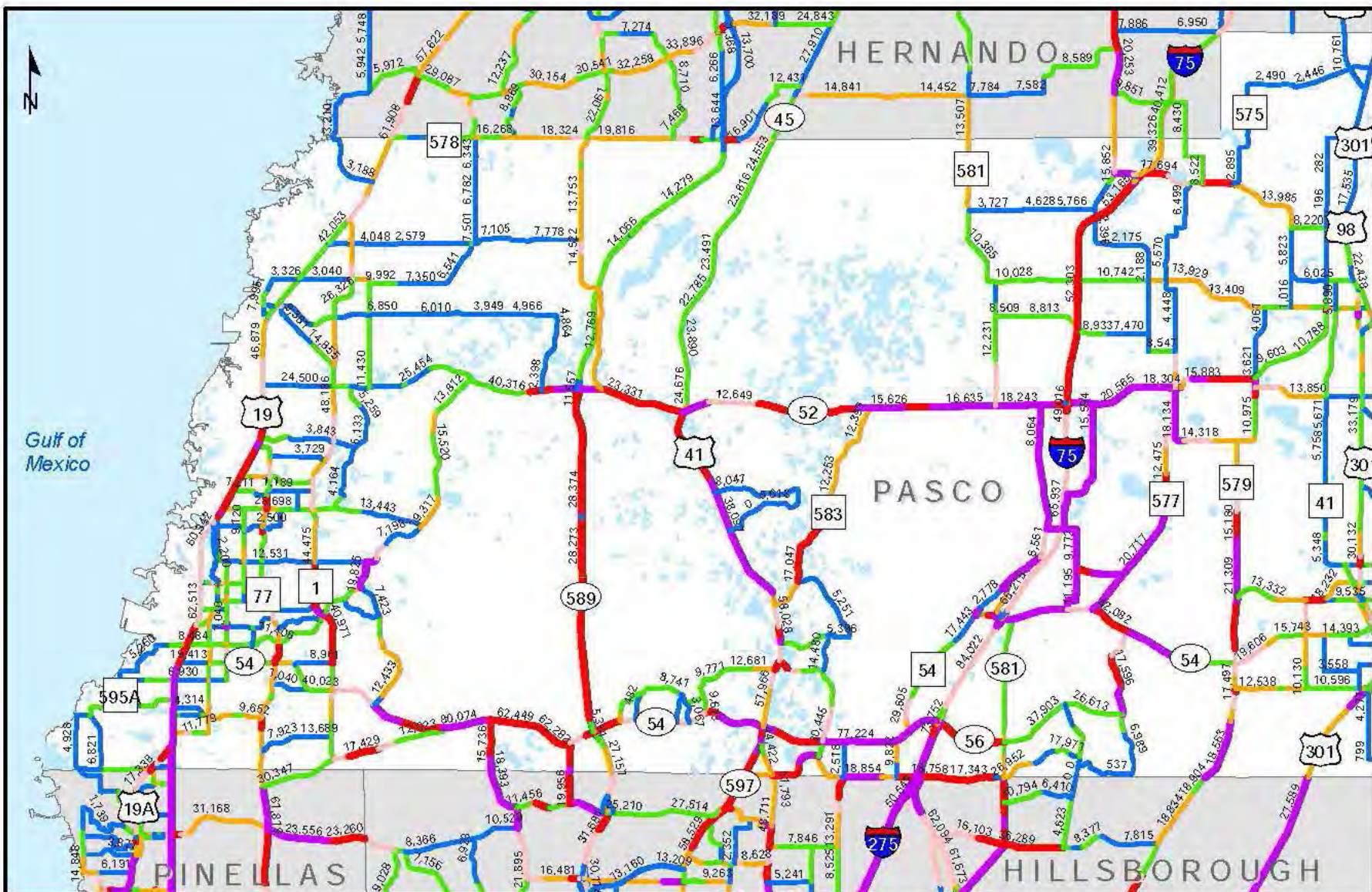


Appendix C-3

Modeled Performance Measures

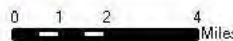
**(Changes in Traffic Volumes, Volume to Capacity Ratios and Peak Season
Volumes by Model Alternative)**



**Tindale
Oliver**

Legend

- V/C Ratio (LOS E)
- >0.5-0.8
 - >0.95-1.05
 - < 0.5
 - >0.8-0.95
 - >1.05-1.2
 - >1.2



Alternative 1
Ridge Road Extension Analysis - TBRPM Model
Peak Season Daily Traffic Volume (Two-way)
and V/C Ratio by Roadway Segment

Ridge Road Extension Analysis: Alternative 1 - No-Build

| Name | From - To | A-Node | B-Node | Facility Type | Number of Lanes | Volume | C. Speed | VMT | VHT | VC Ratio LOS-E | VMT*VCE |
|---------------|------------------------------|--------|--------|---------------|-----------------|--------|----------|-----------|----------|----------------|---------|
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14370 | 14373 | 41 | 1 | 10,848 | 12.12 | 2,151.23 | 177.52 | 1.32 | 2,838 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14373 | 14370 | 41 | 1 | 10,818 | 12.19 | 2,145.24 | 175.92 | 1.32 | 2,823 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14373 | 14381 | 41 | 1 | 10,848 | 11.88 | 1,566.50 | 131.87 | 1.32 | 2,067 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14381 | 14373 | 41 | 1 | 10,818 | 11.95 | 1,562.14 | 130.69 | 1.32 | 2,055 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14381 | 14407 | 41 | 1 | 8,566 | 18.73 | 4,641.07 | 247.85 | 1.04 | 4,835 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14407 | 14381 | 41 | 1 | 8,500 | 18.95 | 4,605.28 | 243.04 | 1.03 | 4,761 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14407 | 14439 | 41 | 1 | 3,626 | 32.28 | 2,431.95 | 75.35 | 0.44 | 1,072 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14439 | 14407 | 41 | 1 | 3,572 | 32.34 | 2,395.65 | 74.08 | 0.43 | 1,041 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14439 | 14470 | 41 | 2 | 7,726 | 32.28 | 3,995.06 | 123.76 | 0.46 | 1,832 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14470 | 14439 | 41 | 2 | 7,678 | 32.31 | 3,970.21 | 122.88 | 0.46 | 1,810 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14470 | 14528 | 32 | 1 | 9,640 | 24.03 | 10,960.18 | 456.07 | 0.92 | 10,031 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14528 | 14470 | 32 | 1 | 9,676 | 23.93 | 11,001.13 | 459.79 | 0.92 | 10,106 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14528 | 14551 | 32 | 1 | 6,623 | 31.84 | 4,228.13 | 132.79 | 0.63 | 2,659 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14551 | 14528 | 32 | 1 | 6,653 | 31.78 | 4,247.49 | 133.65 | 0.63 | 2,683 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14551 | 14568 | 32 | 1 | 7,734 | 29.08 | 4,156.50 | 142.95 | 0.73 | 3,052 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14568 | 14551 | 32 | 1 | 7,785 | 28.95 | 4,183.93 | 144.52 | 0.74 | 3,092 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14568 | 14585 | 32 | 1 | 7,734 | 29.24 | 4,876.57 | 166.77 | 0.73 | 3,581 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14585 | 14568 | 32 | 1 | 7,785 | 29.11 | 4,908.76 | 168.61 | 0.74 | 3,628 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14585 | 14623 | 32 | 1 | 8,628 | 26.90 | 5,237.00 | 194.66 | 0.82 | 4,290 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14623 | 14585 | 32 | 1 | 8,679 | 26.76 | 5,268.02 | 196.85 | 0.82 | 4,341 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14623 | 14700 | 32 | 1 | 6,874 | 31.22 | 9,119.09 | 292.06 | 0.65 | 5,951 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14700 | 14623 | 32 | 1 | 6,939 | 31.08 | 9,205.62 | 296.15 | 0.66 | 6,064 |
| SR 52 | Moon Lake to Suncoast | 14691 | 14693 | 23 | 3 | 20,084 | 33.44 | 7,714.41 | 230.69 | 0.72 | 5,580 |
| SR 52 | Moon Lake to Suncoast | 14691 | 14713 | 23 | 3 | 20,232 | 33.52 | 19,731.98 | 588.67 | 0.73 | 14,377 |
| SR 52 | Moon Lake to Suncoast | 14693 | 14691 | 23 | 3 | 20,232 | 33.33 | 7,771.00 | 233.17 | 0.73 | 5,662 |
| SR 52 | Moon Lake to Suncoast | 14693 | 14694 | 23 | 3 | 20,205 | 33.68 | 5,396.73 | 160.23 | 0.73 | 3,927 |
| SR 52 | Moon Lake to Suncoast | 14694 | 14693 | 23 | 3 | 20,331 | 33.58 | 5,430.38 | 161.71 | 0.73 | 3,976 |
| SR 52 | Moon Lake to Suncoast | 14694 | 14700 | 23 | 3 | 19,356 | 34.20 | 2,944.11 | 86.09 | 0.70 | 2,052 |
| SR 52 | Moon Lake to Suncoast | 14700 | 14694 | 23 | 3 | 19,461 | 34.12 | 2,960.06 | 86.75 | 0.70 | 2,075 |
| SR 52 | Moon Lake to Suncoast | 14713 | 14691 | 23 | 3 | 20,084 | 33.63 | 19,588.30 | 582.40 | 0.72 | 14,169 |
| SR 52 | Moon Lake to Suncoast | 14713 | 14718 | 23 | 3 | 20,232 | 18.12 | 4,453.00 | 245.76 | 1.10 | 4,900 |
| SR 52 | Moon Lake to Suncoast | 14718 | 14713 | 23 | 3 | 20,084 | 18.34 | 4,420.57 | 241.09 | 1.09 | 4,829 |
| SR 52 | Moon Lake to Suncoast | 14718 | 14723 | 23 | 3 | 20,231 | 18.20 | 2,599.65 | 142.87 | 1.10 | 2,860 |
| SR 52 | Moon Lake to Suncoast | 14723 | 14718 | 23 | 3 | 20,080 | 18.42 | 2,580.33 | 140.10 | 1.09 | 2,818 |
| SR 52 | Moon Lake to Suncoast | 14723 | 14727 | 23 | 3 | 21,413 | 16.28 | 2,066.35 | 126.94 | 1.16 | 2,406 |
| SR 52 | Moon Lake to Suncoast | 14727 | 14723 | 23 | 3 | 21,251 | 16.51 | 2,050.74 | 124.23 | 1.16 | 2,370 |
| SR 52 | Moon Lake to Suncoast | 14727 | 14734 | 23 | 3 | 21,413 | 16.22 | 7,154.06 | 440.94 | 1.16 | 8,332 |
| SR 52 | Moon Lake to Suncoast | 14734 | 14727 | 23 | 3 | 21,251 | 16.45 | 7,100.03 | 431.53 | 1.16 | 8,206 |
| SR 52 | Moon Lake to Suncoast | 14734 | 14738 | 23 | 3 | 22,419 | 14.93 | 4,113.87 | 275.46 | 1.22 | 5,016 |
| SR 52 | Moon Lake to Suncoast | 14738 | 14734 | 23 | 3 | 22,220 | 15.21 | 4,077.36 | 268.12 | 1.21 | 4,927 |
| SR 52 | Moon Lake to Suncoast | 14738 | 14749 | 23 | 3 | 22,509 | 14.65 | 8,055.97 | 549.97 | 1.22 | 9,862 |
| SR 52 | Moon Lake to Suncoast | 14749 | 14738 | 23 | 3 | 22,322 | 14.90 | 7,989.05 | 536.17 | 1.21 | 9,699 |
| SR 52 | Moon Lake to Suncoast | 14749 | 14752 | 23 | 3 | 11,983 | 27.59 | 1,315.72 | 47.69 | 0.65 | 857 |
| SR 52 | Moon Lake to Suncoast | 14752 | 14749 | 23 | 3 | 25,891 | 10.46 | 2,842.86 | 271.89 | 1.41 | 4,003 |
| SR 52 | Suncoast to US 41 | 14752 | 14757 | 32 | 1 | 15,985 | 8.97 | 1,603.26 | 178.71 | 1.52 | 2,433 |
| SR 52 | Suncoast to US 41 | 14757 | 14752 | 32 | 1 | 15,686 | 9.42 | 1,573.34 | 167.02 | 1.49 | 2,343 |
| SR 52 | Suncoast to US 41 | 14757 | 14767 | 32 | 1 | 14,872 | 10.99 | 7,435.96 | 676.52 | 1.41 | 10,499 |
| SR 52 | Suncoast to US 41 | 14762 | 14765 | 32 | 1 | 12,511 | 16.04 | 1,580.17 | 98.51 | 1.19 | 1,877 |
| SR 52 | Suncoast to US 41 | 14762 | 14767 | 32 | 1 | 11,576 | 18.47 | 13,637.45 | 738.17 | 1.10 | 14,987 |
| SR 52 | Suncoast to US 41 | 14765 | 14762 | 32 | 1 | 12,324 | 16.51 | 1,556.48 | 94.26 | 1.17 | 1,821 |
| SR 52 | Suncoast to US 41 | 14765 | 14773 | 32 | 1 | 12,653 | 15.56 | 2,868.41 | 184.30 | 1.20 | 3,446 |
| SR 52 | Suncoast to US 41 | 14767 | 14757 | 32 | 1 | 14,586 | 11.52 | 7,293.05 | 633.19 | 1.38 | 10,099 |
| SR 52 | Suncoast to US 41 | 14767 | 14762 | 32 | 1 | 11,755 | 17.99 | 13,848.98 | 769.85 | 1.12 | 15,456 |
| SR 52 | Suncoast to US 41 | 14773 | 14765 | 32 | 1 | 12,470 | 16.01 | 2,827.02 | 176.55 | 1.18 | 3,347 |
| SR 52 | Suncoast to US 41 | 14773 | 14774 | 32 | 1 | 12,177 | 16.92 | 5,943.57 | 351.24 | 1.16 | 6,871 |
| SR 52 | Suncoast to US 41 | 14774 | 14773 | 32 | 1 | 11,991 | 17.41 | 5,852.70 | 336.21 | 1.14 | 6,662 |
| SR 52 | Suncoast to US 41 | 14774 | 14781 | 32 | 1 | 11,438 | 18.81 | 5,007.66 | 266.23 | 1.09 | 5,438 |
| SR 52 | Suncoast to US 41 | 14781 | 14774 | 32 | 1 | 11,261 | 19.30 | 4,930.19 | 255.47 | 1.07 | 5,271 |
| SR 54 | Starkey to Suncoast | 14107 | 14109 | 23 | 3 | 31,417 | 21.40 | 28,080.57 | 1,311.95 | 1.13 | 31,772 |
| SR 54 | Starkey to Suncoast | 14107 | 14114 | 23 | 3 | 34,448 | 17.85 | 25,023.20 | 1,401.79 | 1.24 | 31,045 |
| SR 54 | Starkey to Suncoast | 14109 | 14107 | 23 | 3 | 31,559 | 21.23 | 28,207.70 | 1,328.40 | 1.14 | 32,061 |

Ridge Road Extension Analysis: Alternative 1 - No-Build

| Name | From - To | A-Node | B-Node | Facility Type | Number of Lanes | Volume | C. Speed | VMT | VHT | VC Ratio LOS-E | VMT*VCE |
|--------------|------------------------|--------|--------|---------------|-----------------|--------|----------|-----------|----------|----------------|---------|
| SR 54 | Starkey to Suncoast | 14109 | 14118 | 23 | 3 | 31,366 | 21.59 | 9,597.92 | 444.62 | 1.13 | 10,842 |
| SR 54 | Starkey to Suncoast | 14114 | 14107 | 23 | 3 | 34,246 | 18.07 | 24,876.65 | 1,376.47 | 1.23 | 30,682 |
| SR 54 | Starkey to Suncoast | 14114 | 14121 | 23 | 3 | 34,448 | 17.75 | 5,191.35 | 292.55 | 1.24 | 6,441 |
| SR 54 | Starkey to Suncoast | 14118 | 14109 | 23 | 3 | 31,504 | 21.42 | 9,640.22 | 450.03 | 1.13 | 10,938 |
| SR 54 | Starkey to Suncoast | 14118 | 14120 | 23 | 3 | 31,366 | 20.99 | 3,694.88 | 176.00 | 1.13 | 4,174 |
| SR 54 | Starkey to Suncoast | 14120 | 14118 | 23 | 3 | 31,504 | 20.83 | 3,711.17 | 178.14 | 1.13 | 4,211 |
| SR 54 | Starkey to Suncoast | 14120 | 14124 | 23 | 3 | 36,891 | 15.25 | 3,947.31 | 258.92 | 1.33 | 5,244 |
| SR 54 | Starkey to Suncoast | 14121 | 14114 | 23 | 3 | 34,246 | 17.97 | 5,160.95 | 287.26 | 1.23 | 6,365 |
| SR 54 | Starkey to Suncoast | 14124 | 14120 | 23 | 3 | 37,069 | 15.07 | 3,966.43 | 263.20 | 1.34 | 5,295 |
| SR 54 | Starkey to Suncoast | 14124 | 14151 | 23 | 3 | 39,975 | 12.47 | 29,269.82 | 2,346.87 | 1.44 | 42,139 |
| SR 54 | Starkey to Suncoast | 14151 | 14124 | 23 | 3 | 40,099 | 12.37 | 29,360.13 | 2,373.69 | 1.44 | 42,400 |
| SR 54 | Starkey to Suncoast | 14151 | 14163 | 23 | 3 | 39,249 | 13.27 | 12,551.74 | 946.08 | 1.41 | 17,742 |
| SR 54 | Starkey to Suncoast | 14163 | 14151 | 23 | 3 | 39,406 | 13.13 | 12,602.06 | 959.90 | 1.42 | 17,885 |
| SR 54 | Starkey to Suncoast | 14163 | 14167 | 23 | 3 | 38,659 | 13.87 | 7,457.29 | 537.62 | 1.39 | 10,383 |
| SR 54 | Starkey to Suncoast | 14167 | 14163 | 23 | 3 | 38,842 | 13.70 | 7,492.58 | 546.76 | 1.40 | 10,481 |
| SR 54 | Starkey to Suncoast | 14167 | 14172 | 23 | 3 | 31,613 | 21.07 | 14,159.33 | 672.05 | 1.14 | 16,121 |
| SR 54 | Starkey to Suncoast | 14172 | 14167 | 23 | 3 | 31,382 | 21.34 | 14,056.11 | 658.62 | 1.13 | 15,886 |
| SR 54 | Starkey to Suncoast | 14172 | 14177 | 23 | 3 | 31,364 | 21.41 | 14,076.23 | 657.58 | 1.13 | 15,900 |
| SR 54 | Starkey to Suncoast | 14174 | 14181 | 23 | 3 | 30,995 | 21.89 | 31,413.11 | 1,434.88 | 1.12 | 35,065 |
| SR 54 | Starkey to Suncoast | 14174 | 14199 | 23 | 3 | 28,620 | 24.72 | 14,121.30 | 571.17 | 1.03 | 14,556 |
| SR 54 | Starkey to Suncoast | 14177 | 14172 | 23 | 3 | 31,085 | 21.74 | 13,950.76 | 641.73 | 1.12 | 15,618 |
| SR 54 | Starkey to Suncoast | 14177 | 14181 | 23 | 3 | 30,888 | 21.92 | 16,747.31 | 764.11 | 1.11 | 18,630 |
| SR 54 | Starkey to Suncoast | 14181 | 14174 | 23 | 3 | 31,287 | 21.54 | 31,709.44 | 1,471.92 | 1.13 | 35,730 |
| SR 54 | Starkey to Suncoast | 14181 | 14177 | 23 | 3 | 30,619 | 22.24 | 16,601.80 | 746.54 | 1.10 | 18,307 |
| SR 54 | Starkey to Suncoast | 14199 | 14174 | 23 | 3 | 28,399 | 24.99 | 14,012.25 | 560.72 | 1.02 | 14,332 |
| SR 54 | Starkey to Suncoast | 14199 | 14210 | 23 | 3 | 29,459 | 23.91 | 6,201.21 | 259.35 | 1.06 | 6,579 |
| SR 54 | Starkey to Suncoast | 14210 | 14199 | 23 | 3 | 29,226 | 24.19 | 6,152.15 | 254.28 | 1.05 | 6,476 |
| SR 54 | Starkey to Suncoast | 14210 | 14217 | 23 | 3 | 31,566 | 21.43 | 3,636.39 | 169.68 | 1.14 | 4,134 |
| SR 54 | Starkey to Suncoast | 14217 | 14210 | 23 | 3 | 30,251 | 23.02 | 3,484.87 | 151.36 | 1.09 | 3,797 |
| SR 54 | Suncoast to US 41 | 14217 | 14227 | 23 | 3 | 32,675 | 20.06 | 9,384.40 | 467.87 | 1.18 | 11,043 |
| SR 54 | Suncoast to US 41 | 14227 | 14217 | 23 | 3 | 32,476 | 20.29 | 9,327.05 | 459.65 | 1.17 | 10,909 |
| SR 54 | Suncoast to US 41 | 14227 | 14246 | 23 | 3 | 32,675 | 19.82 | 14,632.09 | 738.20 | 1.18 | 17,219 |
| SR 54 | Suncoast to US 41 | 14246 | 14227 | 23 | 3 | 32,476 | 20.05 | 14,542.67 | 725.22 | 1.17 | 17,009 |
| SR 54 | Suncoast to US 41 | 14246 | 14257 | 23 | 3 | 28,574 | 24.69 | 12,063.75 | 488.70 | 1.03 | 12,414 |
| SR 54 | Suncoast to US 41 | 14257 | 14246 | 23 | 3 | 28,288 | 25.03 | 11,943.26 | 477.21 | 1.02 | 12,168 |
| SR 54 | Suncoast to US 41 | 14257 | 14268 | 23 | 3 | 28,567 | 24.99 | 7,832.99 | 313.46 | 1.03 | 8,059 |
| SR 54 | Suncoast to US 41 | 14268 | 14257 | 23 | 3 | 28,281 | 25.33 | 7,754.75 | 306.10 | 1.02 | 7,899 |
| SR 54 | Suncoast to US 41 | 14268 | 14285 | 23 | 3 | 26,605 | 27.14 | 24,755.60 | 912.25 | 0.96 | 23,720 |
| SR 54 | Suncoast to US 41 | 14285 | 14268 | 23 | 3 | 26,317 | 27.47 | 24,487.68 | 891.40 | 0.95 | 23,209 |
| SR 54 | Suncoast to US 41 | 14285 | 15330 | 23 | 3 | 28,654 | 24.86 | 9,859.84 | 396.54 | 1.03 | 10,175 |
| SR 54 | Suncoast to US 41 | 14313 | 14316 | 23 | 3 | 30,749 | 22.15 | 14,581.31 | 658.42 | 1.11 | 16,148 |
| SR 54 | Suncoast to US 41 | 14313 | 15330 | 23 | 3 | 27,086 | 26.55 | 14,902.87 | 561.35 | 0.98 | 14,538 |
| SR 54 | Suncoast to US 41 | 14314 | 14316 | 23 | 3 | 34,162 | 18.15 | 18,970.06 | 1,045.28 | 1.23 | 23,339 |
| SR 54 | Suncoast to US 41 | 14314 | 14329 | 23 | 3 | 36,632 | 15.58 | 13,671.00 | 877.52 | 1.32 | 18,036 |
| SR 54 | Suncoast to US 41 | 14316 | 14313 | 23 | 3 | 30,951 | 21.90 | 14,676.79 | 670.03 | 1.11 | 16,360 |
| SR 54 | Suncoast to US 41 | 14316 | 14314 | 23 | 3 | 33,965 | 18.37 | 18,861.02 | 1,026.93 | 1.22 | 23,072 |
| SR 54 | Suncoast to US 41 | 14327 | 14330 | 23 | 3 | 35,473 | 16.62 | 8,006.21 | 481.61 | 1.28 | 10,228 |
| SR 54 | Suncoast to US 41 | 14329 | 14314 | 23 | 3 | 36,817 | 15.39 | 13,739.95 | 892.51 | 1.33 | 18,218 |
| SR 54 | Suncoast to US 41 | 14329 | 14330 | 23 | 3 | 35,601 | 16.67 | 4,738.55 | 284.25 | 1.28 | 6,076 |
| SR 54 | Suncoast to US 41 | 14330 | 14327 | 23 | 3 | 35,289 | 16.82 | 7,964.63 | 473.59 | 1.27 | 10,122 |
| SR 54 | Suncoast to US 41 | 14330 | 14329 | 23 | 3 | 35,787 | 16.48 | 4,763.23 | 289.10 | 1.29 | 6,139 |
| SR 54 | Suncoast to US 41 | 15330 | 14285 | 23 | 3 | 28,343 | 25.24 | 9,752.91 | 386.38 | 1.02 | 9,955 |
| SR 54 | Suncoast to US 41 | 15330 | 14313 | 23 | 3 | 27,824 | 25.67 | 15,308.81 | 596.30 | 1.00 | 15,340 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14121 | 14150 | 43 | 2 | 6,061 | 29.28 | 2,188.79 | 74.76 | 0.40 | 876 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14150 | 14121 | 43 | 2 | 6,053 | 29.28 | 2,185.76 | 74.64 | 0.40 | 873 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14150 | 14241 | 43 | 1 | 6,221 | 22.20 | 11,361.35 | 511.78 | 0.83 | 9,399 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14241 | 14150 | 43 | 1 | 6,212 | 22.23 | 11,345.80 | 510.45 | 0.83 | 9,373 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14241 | 14255 | 43 | 1 | 6,221 | 22.30 | 1,594.43 | 71.51 | 0.83 | 1,319 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14255 | 14241 | 43 | 1 | 6,212 | 22.32 | 1,592.25 | 71.32 | 0.83 | 1,315 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14255 | 14295 | 43 | 1 | 4,579 | 26.73 | 2,674.49 | 100.05 | 0.61 | 1,628 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14295 | 14255 | 43 | 1 | 4,545 | 26.81 | 2,654.45 | 99.02 | 0.60 | 1,604 |

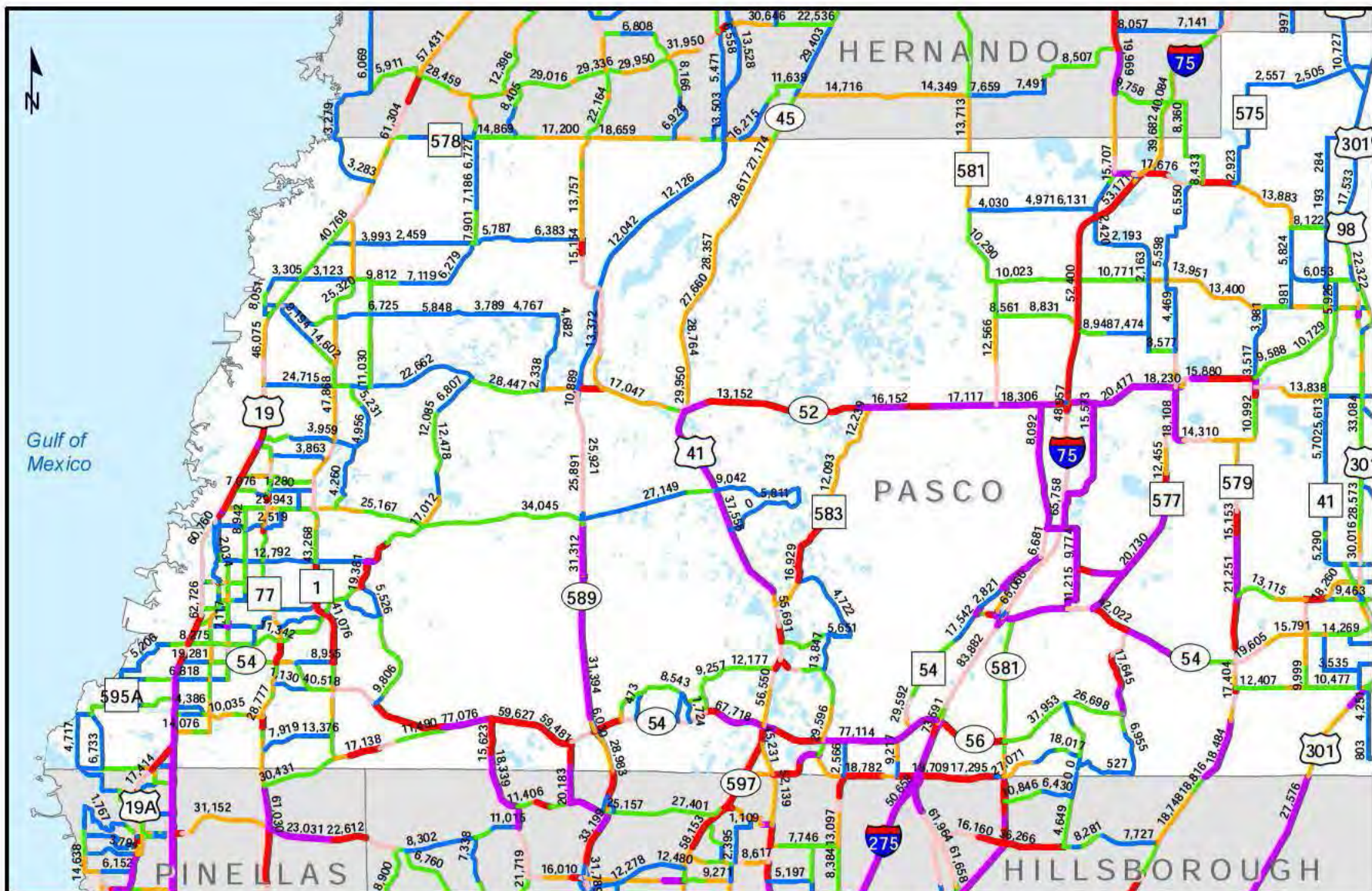
Ridge Road Extension Analysis: Alternative 1 - No-Build

| Name | From - To | A-Node | B-Node | Facility Type | Number of Lanes | Volume | C. Speed | VMT | VHT | VC Ratio LOS-E | VMT*VCE |
|--------------|-----------------------------|--------|--------|---------------|-----------------|--------|----------|-----------|----------|----------------|---------|
| Starkey Blvd | DeCubellis Rd to SR 54 | 14295 | 14297 | 43 | 1 | 3,731 | 28.74 | 548.90 | 19.10 | 0.50 | 272 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14297 | 14295 | 43 | 1 | 3,691 | 28.80 | 542.99 | 18.85 | 0.49 | 267 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14297 | 14336 | 43 | 1 | 3,731 | 28.40 | 3,123.64 | 109.98 | 0.50 | 1,550 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14336 | 14297 | 43 | 1 | 3,691 | 28.46 | 3,089.99 | 108.57 | 0.49 | 1,517 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14336 | 14361 | 41 | 1 | 9,921 | 14.42 | 5,588.73 | 387.56 | 1.21 | 6,744 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14361 | 14336 | 41 | 1 | 9,904 | 14.47 | 5,578.77 | 385.50 | 1.20 | 6,720 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14361 | 14370 | 41 | 1 | 9,921 | 14.52 | 2,006.11 | 138.14 | 1.21 | 2,421 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14370 | 14361 | 41 | 1 | 9,904 | 14.57 | 2,002.53 | 137.41 | 1.20 | 2,412 |
| Suncoast | Ridge Rd Extension to SR 54 | 14213 | 14235 | 92 | 2 | 22,782 | 43.71 | 9,682.50 | 221.53 | 0.74 | 7,193 |
| Suncoast | Ridge Rd Extension to SR 54 | 14217 | 14235 | 71 | 2 | 5,490 | 29.79 | 2,237.36 | 75.09 | 0.17 | 383 |
| Suncoast | Ridge Rd Extension to SR 54 | 14233 | 14210 | 71 | 2 | 5,361 | 29.93 | 2,221.21 | 74.22 | 0.17 | 371 |
| Suncoast | Ridge Rd Extension to SR 54 | 14233 | 14211 | 92 | 2 | 23,012 | 42.88 | 9,858.55 | 229.91 | 0.75 | 7,398 |
| Suncoast | Ridge Rd Extension to SR 54 | 14235 | 14292 | 92 | 2 | 28,273 | 31.59 | 27,124.93 | 858.65 | 1.10 | 29,879 |
| Suncoast | Ridge Rd Extension to SR 54 | 14291 | 14233 | 92 | 2 | 28,374 | 31.46 | 27,216.18 | 865.22 | 1.11 | 30,087 |
| Suncoast | Ridge Rd Extension to SR 54 | 14292 | 14391 | 92 | 2 | 28,273 | 31.65 | 54,594.79 | 1,725.04 | 1.10 | 60,138 |
| Suncoast | Ridge Rd Extension to SR 54 | 14390 | 14291 | 92 | 2 | 28,374 | 31.61 | 54,940.25 | 1,738.24 | 1.11 | 60,735 |
| Suncoast | Ridge Rd Extension to SR 54 | 14391 | 14449 | 92 | 2 | 28,273 | 31.76 | 21,374.24 | 673.00 | 1.10 | 23,545 |
| Suncoast | Ridge Rd Extension to SR 54 | 14449 | 14472 | 92 | 2 | 28,273 | 31.39 | 8,012.51 | 255.27 | 1.10 | 8,826 |
| Suncoast | Ridge Rd Extension to SR 54 | 14451 | 14390 | 92 | 2 | 28,374 | 31.40 | 22,514.63 | 717.12 | 1.11 | 24,889 |
| Suncoast | Ridge Rd Extension to SR 54 | 14471 | 14451 | 92 | 2 | 28,374 | 31.48 | 7,116.16 | 226.05 | 1.11 | 7,867 |
| Suncoast | Ridge Rd Extension to SR 54 | 14472 | 14485 | 92 | 2 | 28,273 | 20.16 | 3,633.06 | 180.24 | 1.10 | 4,002 |
| Suncoast | Ridge Rd Extension to SR 54 | 14484 | 14471 | 92 | 2 | 28,374 | 14.26 | 3,478.63 | 243.98 | 1.11 | 3,846 |
| Suncoast | Ridge Rd Extension to SR 54 | 14485 | 14492 | 99 | 2 | 28,273 | 0.56 | 1,976.27 | 3,505.83 | 0.77 | 1,524 |
| Suncoast | Ridge Rd Extension to SR 54 | 14490 | 14484 | 99 | 2 | 28,374 | 0.57 | 2,000.36 | 3,518.35 | 0.77 | 1,548 |
| Suncoast | Ridge Rd Extension to SR 54 | 14492 | 14501 | 92 | 2 | 28,273 | 15.38 | 3,961.02 | 257.60 | 1.10 | 4,363 |
| Suncoast | Ridge Rd Extension to SR 54 | 14500 | 14490 | 92 | 2 | 28,374 | 21.18 | 4,012.06 | 189.41 | 1.11 | 4,435 |
| Suncoast | Ridge Rd Extension to SR 54 | 14501 | 14510 | 92 | 2 | 28,273 | 32.16 | 7,712.82 | 239.80 | 1.10 | 8,496 |
| Suncoast | Ridge Rd Extension to SR 54 | 14508 | 14500 | 92 | 2 | 28,374 | 31.27 | 7,311.94 | 233.84 | 1.11 | 8,083 |
| Suncoast | Ridge Rd Extension to SR 54 | 14510 | 15304 | 92 | 2 | 28,273 | 31.67 | 26,946.81 | 850.92 | 1.10 | 29,683 |
| Suncoast | Ridge Rd Extension to SR 54 | 14557 | 15303 | 92 | 2 | 28,374 | 31.37 | 8,557.55 | 272.82 | 1.11 | 9,460 |
| Suncoast | Ridge Rd Extension to SR 54 | 15303 | 14508 | 92 | 2 | 28,374 | 31.64 | 27,624.76 | 873.02 | 1.11 | 30,538 |
| Suncoast | Ridge Rd Extension to SR 54 | 15304 | 14558 | 92 | 2 | 28,273 | 31.93 | 8,645.82 | 270.75 | 1.10 | 9,524 |
| Suncoast | SR 52 to Ridge Rd Extension | 14558 | 14645 | 92 | 2 | 28,273 | 31.63 | 58,482.30 | 1,848.81 | 1.10 | 64,421 |
| Suncoast | SR 52 to Ridge Rd Extension | 14644 | 14557 | 92 | 2 | 28,374 | 31.57 | 58,572.10 | 1,855.16 | 1.11 | 64,750 |
| Suncoast | SR 52 to Ridge Rd Extension | 14645 | 14722 | 92 | 2 | 28,273 | 31.73 | 32,400.63 | 1,021.10 | 1.10 | 35,691 |
| Suncoast | SR 52 to Ridge Rd Extension | 14722 | 14748 | 92 | 2 | 11,557 | 47.76 | 4,101.49 | 85.89 | 0.45 | 1,847 |
| Suncoast | SR 52 to Ridge Rd Extension | 14722 | 14752 | 71 | 1 | 16,716 | 20.18 | 6,435.68 | 318.90 | 1.09 | 7,006 |
| Suncoast | SR 52 to Ridge Rd Extension | 14725 | 14644 | 92 | 2 | 28,374 | 31.46 | 33,597.45 | 1,067.89 | 1.11 | 37,141 |
| Suncoast | SR 52 to Ridge Rd Extension | 14747 | 14725 | 92 | 2 | 11,616 | 47.76 | 3,726.49 | 78.03 | 0.45 | 1,687 |
| Suncoast | SR 52 to Ridge Rd Extension | 14749 | 14725 | 71 | 1 | 16,758 | 20.24 | 5,731.10 | 283.13 | 1.09 | 6,254 |
| US 41 | Ridge Rd Extension to SR 54 | 14327 | 14350 | 23 | 3 | 27,315 | 29.02 | 13,086.53 | 450.90 | 0.89 | 11,703 |
| US 41 | Ridge Rd Extension to SR 54 | 14350 | 14327 | 23 | 3 | 27,551 | 28.79 | 13,199.72 | 458.51 | 0.90 | 11,907 |
| US 41 | Ridge Rd Extension to SR 54 | 14350 | 14357 | 23 | 3 | 26,849 | 30.18 | 3,812.52 | 126.31 | 0.88 | 3,351 |
| US 41 | Ridge Rd Extension to SR 54 | 14357 | 14350 | 23 | 3 | 27,102 | 29.93 | 3,848.50 | 128.58 | 0.89 | 3,415 |
| US 41 | Ridge Rd Extension to SR 54 | 14357 | 14388 | 23 | 3 | 28,849 | 27.48 | 15,835.17 | 576.14 | 0.94 | 14,957 |
| US 41 | Ridge Rd Extension to SR 54 | 14388 | 14357 | 23 | 3 | 29,117 | 27.20 | 15,982.40 | 587.51 | 0.95 | 15,236 |
| US 41 | Ridge Rd Extension to SR 54 | 14388 | 14415 | 23 | 3 | 28,849 | 24.62 | 14,519.66 | 589.68 | 1.04 | 15,086 |
| US 41 | Ridge Rd Extension to SR 54 | 14415 | 14388 | 23 | 3 | 29,117 | 24.30 | 14,654.66 | 603.15 | 1.05 | 15,367 |
| US 41 | Ridge Rd Extension to SR 54 | 14415 | 14443 | 23 | 3 | 33,131 | 19.18 | 8,928.74 | 465.59 | 1.19 | 10,654 |
| US 41 | Ridge Rd Extension to SR 54 | 14443 | 14415 | 23 | 3 | 33,042 | 19.28 | 8,904.69 | 461.89 | 1.19 | 10,596 |
| US 41 | Ridge Rd Extension to SR 54 | 14443 | 14491 | 23 | 3 | 28,560 | 24.89 | 15,416.65 | 619.28 | 1.03 | 15,857 |
| US 41 | Ridge Rd Extension to SR 54 | 14491 | 14443 | 23 | 3 | 28,668 | 24.76 | 15,475.12 | 624.92 | 1.03 | 15,978 |
| US 41 | Ridge Rd Extension to SR 54 | 14491 | 14503 | 23 | 3 | 33,708 | 18.68 | 7,240.40 | 387.67 | 1.21 | 8,790 |
| US 41 | Ridge Rd Extension to SR 54 | 14503 | 14491 | 23 | 3 | 33,751 | 18.63 | 7,249.66 | 389.18 | 1.22 | 8,812 |
| US 41 | Ridge Rd Extension to SR 54 | 14503 | 14509 | 23 | 3 | 30,959 | 22.07 | 6,907.06 | 312.92 | 1.11 | 7,701 |
| US 41 | Ridge Rd Extension to SR 54 | 14509 | 14503 | 23 | 3 | 30,980 | 22.05 | 6,911.55 | 313.47 | 1.12 | 7,711 |
| US 41 | Ridge Rd Extension to SR 54 | 14509 | 14531 | 23 | 3 | 29,010 | 24.36 | 18,061.66 | 741.48 | 1.04 | 18,870 |
| US 41 | Ridge Rd Extension to SR 54 | 14531 | 14509 | 23 | 3 | 29,018 | 24.35 | 18,066.55 | 741.97 | 1.05 | 18,881 |
| US 41 | Ridge Rd Extension to SR 54 | 14531 | 14541 | 23 | 3 | 25,380 | 28.32 | 9,248.45 | 326.53 | 0.91 | 8,453 |
| US 41 | Ridge Rd Extension to SR 54 | 14541 | 14531 | 23 | 3 | 25,365 | 28.34 | 9,243.04 | 326.14 | 0.91 | 8,444 |
| US 41 | Ridge Rd Extension to SR 54 | 14541 | 14550 | 23 | 2 | 25,109 | 14.63 | 11,324.22 | 773.98 | 1.36 | 15,361 |

Ridge Road Extension Analysis: Alternative 1 - No-Build

| Name | From - To | A-Node | B-Node | Facility Type | Number of Lanes | Volume | C. Speed | VMT | VHT | VC Ratio LOS-E | VMT*VCE |
|----------------|-----------------------------|--------|--------|---------------|-----------------|--------|----------|-----------|----------|----------------|-----------|
| US 41 | Ridge Rd Extension to SR 54 | 14550 | 14541 | 23 | 2 | 25,093 | 14.65 | 11,317.15 | 772.30 | 1.36 | 15,341 |
| US 41 | Ridge Rd Extension to SR 54 | 14550 | 14552 | 23 | 2 | 25,109 | 14.50 | 6,164.29 | 425.14 | 1.36 | 8,361 |
| US 41 | Ridge Rd Extension to SR 54 | 14552 | 14550 | 23 | 2 | 25,093 | 14.52 | 6,160.45 | 424.22 | 1.36 | 8,351 |
| US 41 | Ridge Rd Extension to SR 54 | 14552 | 14559 | 23 | 2 | 24,826 | 14.90 | 8,122.91 | 545.11 | 1.34 | 10,894 |
| US 41 | Ridge Rd Extension to SR 54 | 14559 | 14552 | 23 | 2 | 24,836 | 14.89 | 8,126.29 | 545.89 | 1.34 | 10,903 |
| US 41 | Ridge Rd Extension to SR 54 | 14559 | 14565 | 23 | 2 | 23,918 | 3.86 | 7,019.94 | 1,820.13 | 1.95 | 13,698 |
| US 41 | Ridge Rd Extension to SR 54 | 14565 | 14559 | 23 | 2 | 23,922 | 3.85 | 7,021.21 | 1,821.61 | 1.95 | 13,703 |
| US 41 | Ridge Rd Extension to SR 54 | 14565 | 14578 | 23 | 2 | 21,786 | 5.31 | 14,701.04 | 2,767.28 | 1.78 | 26,128 |
| US 41 | Ridge Rd Extension to SR 54 | 14578 | 14565 | 23 | 2 | 21,765 | 5.33 | 14,687.28 | 2,756.16 | 1.78 | 26,079 |
| US 41 | Ridge Rd Extension to SR 54 | 14578 | 14630 | 23 | 2 | 19,068 | 8.07 | 21,784.91 | 2,699.90 | 1.56 | 33,888 |
| US 41 | Ridge Rd Extension to SR 54 | 14630 | 14578 | 23 | 2 | 19,029 | 8.12 | 21,741.06 | 2,678.56 | 1.55 | 33,751 |
| US 41 | Ridge Rd Extension to SR 54 | 14630 | 14636 | 23 | 2 | 17,776 | 9.87 | 3,622.84 | 367.01 | 1.45 | 5,254 |
| US 41 | Ridge Rd Extension to SR 54 | 14636 | 14630 | 23 | 2 | 17,742 | 9.92 | 3,615.83 | 364.39 | 1.45 | 5,234 |
| US 41 | SR 52 to Ridge Rd Extension | 14636 | 14662 | 31 | 1 | 19,366 | 20.84 | 9,496.93 | 455.80 | 1.21 | 11,495 |
| US 41 | SR 52 to Ridge Rd Extension | 14662 | 14636 | 31 | 1 | 19,378 | 20.81 | 9,502.94 | 456.67 | 1.21 | 11,509 |
| US 41 | SR 52 to Ridge Rd Extension | 14662 | 14671 | 31 | 1 | 18,373 | 23.38 | 2,743.02 | 117.30 | 1.15 | 3,150 |
| US 41 | SR 52 to Ridge Rd Extension | 14671 | 14662 | 31 | 1 | 18,404 | 23.31 | 2,747.69 | 117.87 | 1.15 | 3,161 |
| US 41 | SR 52 to Ridge Rd Extension | 14671 | 14676 | 31 | 1 | 18,372 | 22.80 | 2,928.43 | 128.46 | 1.15 | 3,362 |
| US 41 | SR 52 to Ridge Rd Extension | 14676 | 14671 | 31 | 1 | 18,397 | 22.74 | 2,932.46 | 128.95 | 1.15 | 3,372 |
| US 41 | SR 52 to Ridge Rd Extension | 14676 | 14687 | 31 | 1 | 18,372 | 23.16 | 4,916.24 | 212.23 | 1.15 | 5,645 |
| US 41 | SR 52 to Ridge Rd Extension | 14687 | 14676 | 31 | 1 | 18,397 | 23.11 | 4,923.00 | 213.06 | 1.15 | 5,660 |
| US 41 | SR 52 to Ridge Rd Extension | 14687 | 14692 | 31 | 1 | 18,265 | 23.52 | 2,197.31 | 93.42 | 1.14 | 2,508 |
| US 41 | SR 52 to Ridge Rd Extension | 14692 | 14687 | 31 | 1 | 18,282 | 23.48 | 2,199.38 | 93.66 | 1.14 | 2,513 |
| US 41 | SR 52 to Ridge Rd Extension | 14692 | 14701 | 31 | 1 | 18,265 | 22.91 | 3,147.10 | 137.38 | 1.14 | 3,593 |
| US 41 | SR 52 to Ridge Rd Extension | 14701 | 14692 | 31 | 1 | 18,282 | 22.87 | 3,150.07 | 137.74 | 1.14 | 3,599 |
| US 41 | SR 52 to Ridge Rd Extension | 14701 | 14717 | 31 | 1 | 18,265 | 23.36 | 8,345.38 | 357.19 | 1.14 | 9,527 |
| US 41 | SR 52 to Ridge Rd Extension | 14717 | 14701 | 31 | 1 | 18,282 | 23.32 | 8,353.27 | 358.13 | 1.14 | 9,545 |
| US 41 | SR 52 to Ridge Rd Extension | 14717 | 14781 | 31 | 1 | 17,787 | 24.44 | 14,617.29 | 597.98 | 1.11 | 16,250 |
| US 41 | SR 52 to Ridge Rd Extension | 14781 | 14717 | 31 | 1 | 17,812 | 24.39 | 14,637.75 | 600.23 | 1.11 | 16,295 |
| Totals: | | | | | | | | 2,154,568 | 113,974 | | 2,394,484 |

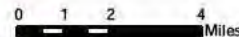
Avg. Speed: 18.90 Weighted VC Ratio: 1.111



**Tindale
Oliver**

Legend

V/C Ratio (LOS E) — >0.5-0.8 — >0.95-1.05 — >1.2
— < 0.5 — >0.8-0.95 — >1.05-1.2



Alternatives 2-7
 Ridge Road Extension Analysis - TBRPM Model
 Peak Season Daily Traffic Volume (Two-way)
 and V/C Ratio by Roadway Segment

Ridge Road Extension Analysis: Alternatives 2-7 - Build Ridge Road Extension as Four Lanes

| Name | From - To | A-Node | B-Node | Facility Type | Number of Lanes | Volume | C. Speed | VMT | VHT | VC Ratio LOS-E | VMT*VCE |
|---------------|------------------------------|--------|--------|---------------|-----------------|--------|----------|-----------|--------|----------------|---------|
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14370 | 14373 | 41 | 1 | 10,888 | 12.02 | 2,159.08 | 179.64 | 1.32 | 2,859 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14373 | 14370 | 41 | 1 | 10,960 | 11.84 | 2,173.44 | 183.58 | 1.33 | 2,897 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14373 | 14381 | 41 | 1 | 10,888 | 11.78 | 1,572.22 | 133.45 | 1.32 | 2,082 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14381 | 14373 | 41 | 1 | 10,960 | 11.61 | 1,582.68 | 136.37 | 1.33 | 2,110 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14381 | 14407 | 41 | 1 | 8,917 | 17.56 | 4,830.97 | 275.15 | 1.08 | 5,239 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14407 | 14381 | 41 | 1 | 8,906 | 17.59 | 4,825.19 | 274.27 | 1.08 | 5,226 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14407 | 14439 | 41 | 1 | 5,282 | 29.28 | 3,542.62 | 121.00 | 0.64 | 2,276 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14439 | 14407 | 41 | 1 | 5,289 | 29.31 | 3,533.79 | 120.56 | 0.64 | 2,264 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14439 | 14470 | 41 | 2 | 10,726 | 29.56 | 5,546.64 | 187.66 | 0.64 | 3,532 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14470 | 14439 | 41 | 2 | 10,731 | 29.55 | 5,548.88 | 187.77 | 0.64 | 3,535 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14470 | 14528 | 32 | 1 | 8,440 | 27.45 | 9,595.14 | 349.61 | 0.80 | 7,688 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14528 | 14470 | 32 | 1 | 8,573 | 27.08 | 9,746.36 | 359.91 | 0.81 | 7,932 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14528 | 14551 | 32 | 1 | 5,182 | 34.18 | 3,308.20 | 96.78 | 0.49 | 1,628 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14551 | 14528 | 32 | 1 | 5,325 | 34.00 | 3,399.23 | 99.98 | 0.51 | 1,718 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14551 | 14568 | 32 | 1 | 6,177 | 32.40 | 3,319.29 | 102.44 | 0.59 | 1,946 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14568 | 14551 | 32 | 1 | 6,302 | 32.18 | 3,386.45 | 105.23 | 0.60 | 2,026 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14568 | 14585 | 32 | 1 | 6,177 | 32.59 | 3,894.33 | 119.51 | 0.59 | 2,284 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14585 | 14568 | 32 | 1 | 6,302 | 32.36 | 3,973.12 | 122.77 | 0.60 | 2,377 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14585 | 14623 | 32 | 1 | 5,982 | 32.95 | 3,631.14 | 110.21 | 0.57 | 2,062 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14623 | 14585 | 32 | 1 | 6,103 | 32.74 | 3,704.27 | 113.13 | 0.58 | 2,146 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14623 | 14700 | 32 | 1 | 3,348 | 35.58 | 4,441.50 | 124.84 | 0.32 | 1,412 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14700 | 14623 | 32 | 1 | 3,459 | 35.53 | 4,589.70 | 129.19 | 0.33 | 1,507 |
| Ridge Rd Ext | Moon Lake to Suncoast | 14470 | 15302 | 17 | 2 | 17,050 | 41.60 | 13,627.38 | 327.57 | 0.59 | 8,082 |
| Ridge Rd Ext | Moon Lake to Suncoast | 15301 | 15302 | 17 | 2 | 16,995 | 41.72 | 23,526.99 | 563.98 | 0.59 | 13,908 |
| Ridge Rd Ext | Moon Lake to Suncoast | 15301 | 15305 | 17 | 2 | 17,050 | 41.79 | 40,043.68 | 958.21 | 0.59 | 23,748 |
| Ridge Rd Ext | Moon Lake to Suncoast | 15302 | 14470 | 17 | 2 | 16,995 | 41.64 | 13,582.98 | 326.20 | 0.59 | 8,029 |
| Ridge Rd Ext | Moon Lake to Suncoast | 15302 | 15301 | 17 | 2 | 17,050 | 41.68 | 23,603.90 | 566.35 | 0.59 | 13,999 |
| Ridge Rd Ext | Moon Lake to Suncoast | 15305 | 15301 | 17 | 2 | 16,995 | 41.83 | 39,913.20 | 954.20 | 0.59 | 23,594 |
| Ridge Rd Ext | Moon Lake to Suncoast | 15305 | 15306 | 17 | 2 | 12,643 | 43.11 | 1,208.49 | 28.03 | 0.44 | 531 |
| Ridge Rd Ext | Moon Lake to Suncoast | 15306 | 15305 | 17 | 2 | 18,090 | 40.18 | 1,729.11 | 43.03 | 0.63 | 1,088 |
| Ridge Rd Ext | Suncoast to US 41 | 14636 | 15315 | 23 | 2 | 13,603 | 33.45 | 12,083.17 | 361.27 | 0.73 | 8,879 |
| Ridge Rd Ext | Suncoast to US 41 | 15306 | 15415 | 17 | 2 | 13,546 | 43.61 | 13,904.06 | 318.84 | 0.47 | 6,551 |
| Ridge Rd Ext | Suncoast to US 41 | 15315 | 14636 | 23 | 2 | 13,546 | 33.51 | 12,033.16 | 359.06 | 0.73 | 8,806 |
| Ridge Rd Ext | Suncoast to US 41 | 15315 | 15416 | 17 | 2 | 13,603 | 43.58 | 17,323.98 | 397.48 | 0.47 | 8,197 |
| Ridge Rd Ext | Suncoast to US 41 | 15415 | 15306 | 17 | 2 | 13,603 | 43.59 | 13,961.86 | 320.32 | 0.47 | 6,606 |
| Ridge Rd Ext | Suncoast to US 41 | 15415 | 15416 | 17 | 2 | 13,546 | 43.62 | 8,730.08 | 200.14 | 0.47 | 4,113 |
| Ridge Rd Ext | Suncoast to US 41 | 15416 | 15315 | 17 | 2 | 13,546 | 43.61 | 17,252.27 | 395.64 | 0.47 | 8,129 |
| Ridge Rd Ext | Suncoast to US 41 | 15416 | 15415 | 17 | 2 | 13,603 | 43.60 | 8,766.36 | 201.08 | 0.47 | 4,148 |
| SR 52 | Moon Lake to Suncoast | 14691 | 14693 | 23 | 3 | 14,128 | 36.62 | 5,426.63 | 148.20 | 0.51 | 2,761 |
| SR 52 | Moon Lake to Suncoast | 14691 | 14713 | 23 | 3 | 14,318 | 36.77 | 13,964.67 | 379.82 | 0.52 | 7,201 |
| SR 52 | Moon Lake to Suncoast | 14693 | 14691 | 23 | 3 | 14,318 | 36.55 | 5,499.67 | 150.45 | 0.52 | 2,836 |
| SR 52 | Moon Lake to Suncoast | 14693 | 14694 | 23 | 3 | 14,192 | 36.96 | 3,790.66 | 102.56 | 0.51 | 1,937 |
| SR 52 | Moon Lake to Suncoast | 14694 | 14693 | 23 | 3 | 14,381 | 36.90 | 3,841.20 | 104.10 | 0.52 | 1,989 |
| SR 52 | Moon Lake to Suncoast | 14694 | 14700 | 23 | 3 | 14,180 | 36.84 | 2,156.82 | 58.55 | 0.51 | 1,101 |
| SR 52 | Moon Lake to Suncoast | 14700 | 14694 | 23 | 3 | 14,355 | 36.78 | 2,183.44 | 59.37 | 0.52 | 1,129 |
| SR 52 | Moon Lake to Suncoast | 14713 | 14691 | 23 | 3 | 14,128 | 36.83 | 13,779.20 | 374.15 | 0.51 | 7,011 |
| SR 52 | Moon Lake to Suncoast | 14713 | 14718 | 23 | 3 | 14,318 | 26.15 | 3,151.47 | 120.50 | 0.78 | 2,454 |
| SR 52 | Moon Lake to Suncoast | 14718 | 14713 | 23 | 3 | 14,128 | 26.36 | 3,109.61 | 117.99 | 0.77 | 2,389 |
| SR 52 | Moon Lake to Suncoast | 14718 | 14723 | 23 | 3 | 14,318 | 26.26 | 1,839.90 | 70.06 | 0.78 | 1,433 |
| SR 52 | Moon Lake to Suncoast | 14723 | 14718 | 23 | 3 | 14,127 | 26.47 | 1,815.34 | 68.59 | 0.77 | 1,395 |
| SR 52 | Moon Lake to Suncoast | 14723 | 14727 | 23 | 3 | 15,474 | 24.62 | 1,493.25 | 60.65 | 0.84 | 1,257 |
| SR 52 | Moon Lake to Suncoast | 14727 | 14723 | 23 | 3 | 15,270 | 24.87 | 1,473.57 | 59.26 | 0.83 | 1,224 |
| SR 52 | Moon Lake to Suncoast | 14727 | 14734 | 23 | 3 | 15,474 | 24.54 | 5,169.89 | 210.70 | 0.84 | 4,351 |
| SR 52 | Moon Lake to Suncoast | 14734 | 14727 | 23 | 3 | 15,270 | 24.78 | 5,101.77 | 205.86 | 0.83 | 4,237 |
| SR 52 | Moon Lake to Suncoast | 14734 | 14738 | 23 | 3 | 16,490 | 23.41 | 3,025.85 | 129.28 | 0.90 | 2,714 |
| SR 52 | Moon Lake to Suncoast | 14738 | 14734 | 23 | 3 | 16,266 | 23.70 | 2,984.80 | 125.93 | 0.88 | 2,641 |
| SR 52 | Moon Lake to Suncoast | 14738 | 14749 | 23 | 3 | 16,593 | 23.01 | 5,938.67 | 258.09 | 0.90 | 5,359 |
| SR 52 | Moon Lake to Suncoast | 14749 | 14738 | 23 | 3 | 16,406 | 23.26 | 5,871.85 | 252.49 | 0.89 | 5,239 |
| SR 52 | Moon Lake to Suncoast | 14749 | 14752 | 23 | 3 | 7,657 | 29.52 | 840.75 | 28.48 | 0.42 | 350 |
| SR 52 | Moon Lake to Suncoast | 14752 | 14749 | 23 | 3 | 21,236 | 16.24 | 2,331.69 | 143.55 | 1.15 | 2,693 |
| SR 52 | Suncoast to US 41 | 14752 | 14757 | 32 | 1 | 12,979 | 14.62 | 1,301.77 | 89.02 | 1.23 | 1,604 |

Ridge Road Extension Analysis: Alternatives 2-7 - Build Ridge Road Extension as Four Lanes

| Name | From - To | A-Node | B-Node | Facility Type | Number of Lanes | Volume | C. Speed | VMT | VHT | VC Ratio LOS-E | VMT*VCE |
|-------|---------------------|--------|--------|---------------|-----------------|--------|----------|-----------|----------|----------------|---------|
| SR 52 | Suncoast to US 41 | 14757 | 14752 | 32 | 1 | 12,678 | 15.33 | 1,271.65 | 82.95 | 1.20 | 1,531 |
| SR 52 | Suncoast to US 41 | 14757 | 14767 | 32 | 1 | 12,103 | 17.11 | 6,051.35 | 353.69 | 1.15 | 6,953 |
| SR 52 | Suncoast to US 41 | 14762 | 14765 | 32 | 1 | 9,287 | 25.05 | 1,172.97 | 46.82 | 0.88 | 1,034 |
| SR 52 | Suncoast to US 41 | 14762 | 14767 | 32 | 1 | 8,407 | 27.51 | 9,904.38 | 359.99 | 0.80 | 7,905 |
| SR 52 | Suncoast to US 41 | 14765 | 14762 | 32 | 1 | 9,048 | 25.74 | 1,142.79 | 44.40 | 0.86 | 982 |
| SR 52 | Suncoast to US 41 | 14765 | 14773 | 32 | 1 | 9,328 | 24.73 | 2,114.58 | 85.49 | 0.89 | 1,873 |
| SR 52 | Suncoast to US 41 | 14767 | 14757 | 32 | 1 | 11,778 | 17.97 | 5,889.23 | 327.78 | 1.12 | 6,585 |
| SR 52 | Suncoast to US 41 | 14767 | 14762 | 32 | 1 | 8,640 | 26.87 | 10,178.83 | 378.77 | 0.82 | 8,349 |
| SR 52 | Suncoast to US 41 | 14773 | 14765 | 32 | 1 | 9,088 | 25.42 | 2,060.18 | 81.05 | 0.86 | 1,777 |
| SR 52 | Suncoast to US 41 | 14773 | 14774 | 32 | 1 | 8,974 | 26.00 | 4,380.14 | 168.46 | 0.85 | 3,732 |
| SR 52 | Suncoast to US 41 | 14774 | 14773 | 32 | 1 | 8,744 | 26.65 | 4,267.80 | 160.13 | 0.83 | 3,543 |
| SR 52 | Suncoast to US 41 | 14774 | 14781 | 32 | 1 | 8,257 | 27.85 | 3,614.91 | 129.78 | 0.78 | 2,834 |
| SR 52 | Suncoast to US 41 | 14781 | 14774 | 32 | 1 | 8,036 | 28.44 | 3,517.96 | 123.71 | 0.76 | 2,684 |
| SR 54 | Starkey to Suncoast | 14107 | 14109 | 23 | 3 | 30,249 | 22.81 | 27,036.23 | 1,185.47 | 1.09 | 29,453 |
| SR 54 | Starkey to Suncoast | 14107 | 14114 | 23 | 3 | 33,015 | 19.46 | 23,982.13 | 1,232.38 | 1.19 | 28,515 |
| SR 54 | Starkey to Suncoast | 14109 | 14107 | 23 | 3 | 30,376 | 22.65 | 27,150.23 | 1,198.55 | 1.09 | 29,702 |
| SR 54 | Starkey to Suncoast | 14109 | 14118 | 23 | 3 | 30,089 | 23.13 | 9,207.11 | 398.05 | 1.08 | 9,977 |
| SR 54 | Starkey to Suncoast | 14114 | 14107 | 23 | 3 | 32,836 | 19.67 | 23,851.88 | 1,212.84 | 1.18 | 28,206 |
| SR 54 | Starkey to Suncoast | 14114 | 14121 | 23 | 3 | 33,015 | 19.34 | 4,975.37 | 257.19 | 1.19 | 5,916 |
| SR 54 | Starkey to Suncoast | 14118 | 14109 | 23 | 3 | 30,248 | 22.94 | 9,255.93 | 403.55 | 1.09 | 10,083 |
| SR 54 | Starkey to Suncoast | 14118 | 14120 | 23 | 3 | 30,089 | 22.50 | 3,544.44 | 157.56 | 1.08 | 3,841 |
| SR 54 | Starkey to Suncoast | 14120 | 14118 | 23 | 3 | 30,248 | 22.31 | 3,563.23 | 159.74 | 1.09 | 3,882 |
| SR 54 | Starkey to Suncoast | 14120 | 14124 | 23 | 3 | 35,331 | 16.84 | 3,780.44 | 224.51 | 1.27 | 4,810 |
| SR 54 | Starkey to Suncoast | 14121 | 14114 | 23 | 3 | 32,836 | 19.55 | 4,948.34 | 253.11 | 1.18 | 5,852 |
| SR 54 | Starkey to Suncoast | 14124 | 14120 | 23 | 3 | 35,531 | 16.63 | 3,801.86 | 228.64 | 1.28 | 4,865 |
| SR 54 | Starkey to Suncoast | 14124 | 14151 | 23 | 3 | 38,440 | 13.81 | 28,146.12 | 2,037.38 | 1.38 | 38,966 |
| SR 54 | Starkey to Suncoast | 14151 | 14124 | 23 | 3 | 38,635 | 13.64 | 28,288.81 | 2,074.29 | 1.39 | 39,362 |
| SR 54 | Starkey to Suncoast | 14151 | 14163 | 23 | 3 | 37,752 | 14.65 | 12,073.04 | 824.24 | 1.36 | 16,415 |
| SR 54 | Starkey to Suncoast | 14163 | 14151 | 23 | 3 | 37,922 | 14.49 | 12,127.37 | 837.22 | 1.37 | 16,563 |
| SR 54 | Starkey to Suncoast | 14163 | 14167 | 23 | 3 | 37,191 | 15.27 | 7,174.15 | 469.69 | 1.34 | 9,609 |
| SR 54 | Starkey to Suncoast | 14167 | 14163 | 23 | 3 | 37,355 | 15.11 | 7,205.86 | 476.84 | 1.35 | 9,694 |
| SR 54 | Starkey to Suncoast | 14167 | 14172 | 23 | 3 | 30,000 | 23.00 | 13,436.89 | 584.32 | 1.08 | 14,517 |
| SR 54 | Starkey to Suncoast | 14172 | 14167 | 23 | 3 | 30,120 | 22.85 | 13,490.85 | 590.39 | 1.08 | 14,634 |
| SR 54 | Starkey to Suncoast | 14172 | 14177 | 23 | 3 | 29,755 | 23.34 | 13,354.25 | 572.24 | 1.07 | 14,311 |
| SR 54 | Starkey to Suncoast | 14174 | 14181 | 23 | 3 | 29,804 | 23.33 | 30,206.21 | 1,294.90 | 1.07 | 32,422 |
| SR 54 | Starkey to Suncoast | 14174 | 14199 | 23 | 3 | 26,968 | 26.69 | 13,306.11 | 498.48 | 0.97 | 12,923 |
| SR 54 | Starkey to Suncoast | 14177 | 14172 | 23 | 3 | 29,871 | 23.20 | 13,408.32 | 577.94 | 1.08 | 14,423 |
| SR 54 | Starkey to Suncoast | 14177 | 14181 | 23 | 3 | 29,239 | 23.90 | 15,853.25 | 663.37 | 1.05 | 16,694 |
| SR 54 | Starkey to Suncoast | 14181 | 14174 | 23 | 3 | 29,677 | 23.48 | 30,077.47 | 1,280.94 | 1.07 | 32,147 |
| SR 54 | Starkey to Suncoast | 14181 | 14177 | 23 | 3 | 29,376 | 23.73 | 15,927.54 | 671.11 | 1.06 | 16,851 |
| SR 54 | Starkey to Suncoast | 14199 | 14174 | 23 | 3 | 27,291 | 26.31 | 13,465.33 | 511.74 | 0.98 | 13,235 |
| SR 54 | Starkey to Suncoast | 14199 | 14210 | 23 | 3 | 27,801 | 25.92 | 5,852.01 | 225.74 | 1.00 | 5,859 |
| SR 54 | Starkey to Suncoast | 14210 | 14199 | 23 | 3 | 28,076 | 25.59 | 5,910.00 | 230.94 | 1.01 | 5,976 |
| SR 54 | Starkey to Suncoast | 14210 | 14217 | 23 | 3 | 31,215 | 21.85 | 3,595.99 | 164.55 | 1.12 | 4,043 |
| SR 54 | Starkey to Suncoast | 14217 | 14210 | 23 | 3 | 28,829 | 24.76 | 3,321.11 | 134.13 | 1.04 | 3,448 |
| SR 54 | Suncoast to US 41 | 14217 | 14227 | 23 | 3 | 32,282 | 20.52 | 9,271.29 | 451.81 | 1.16 | 10,779 |
| SR 54 | Suncoast to US 41 | 14227 | 14217 | 23 | 3 | 32,224 | 20.59 | 9,254.72 | 449.51 | 1.16 | 10,740 |
| SR 54 | Suncoast to US 41 | 14227 | 14246 | 23 | 3 | 32,282 | 20.28 | 14,455.72 | 712.85 | 1.16 | 16,806 |
| SR 54 | Suncoast to US 41 | 14246 | 14227 | 23 | 3 | 32,224 | 20.35 | 14,429.89 | 709.23 | 1.16 | 16,746 |
| SR 54 | Suncoast to US 41 | 14246 | 14257 | 23 | 3 | 28,151 | 25.19 | 11,885.18 | 471.79 | 1.01 | 12,050 |
| SR 54 | Suncoast to US 41 | 14257 | 14246 | 23 | 3 | 28,181 | 25.16 | 11,897.94 | 472.97 | 1.01 | 12,075 |
| SR 54 | Suncoast to US 41 | 14257 | 14268 | 23 | 3 | 28,143 | 25.50 | 7,716.83 | 302.60 | 1.01 | 7,821 |
| SR 54 | Suncoast to US 41 | 14268 | 14257 | 23 | 3 | 28,167 | 25.47 | 7,723.47 | 303.21 | 1.01 | 7,835 |
| SR 54 | Suncoast to US 41 | 14268 | 14285 | 23 | 3 | 26,167 | 27.64 | 24,348.49 | 880.81 | 0.94 | 22,946 |
| SR 54 | Suncoast to US 41 | 14285 | 14268 | 23 | 3 | 26,204 | 27.60 | 24,383.06 | 883.43 | 0.94 | 23,011 |
| SR 54 | Suncoast to US 41 | 14285 | 15330 | 23 | 3 | 28,236 | 25.37 | 9,716.14 | 382.96 | 1.02 | 9,881 |
| SR 54 | Suncoast to US 41 | 14313 | 14316 | 23 | 3 | 30,996 | 21.85 | 14,698.21 | 672.67 | 1.12 | 16,408 |
| SR 54 | Suncoast to US 41 | 14313 | 15330 | 23 | 3 | 27,406 | 26.17 | 15,078.98 | 576.20 | 0.99 | 14,883 |
| SR 54 | Suncoast to US 41 | 14314 | 14316 | 23 | 3 | 33,901 | 18.44 | 18,825.48 | 1,021.03 | 1.22 | 22,985 |
| SR 54 | Suncoast to US 41 | 14314 | 14329 | 23 | 3 | 36,474 | 15.74 | 13,612.16 | 864.93 | 1.31 | 17,881 |
| SR 54 | Suncoast to US 41 | 14316 | 14313 | 23 | 3 | 31,049 | 21.79 | 14,723.26 | 675.76 | 1.12 | 16,464 |

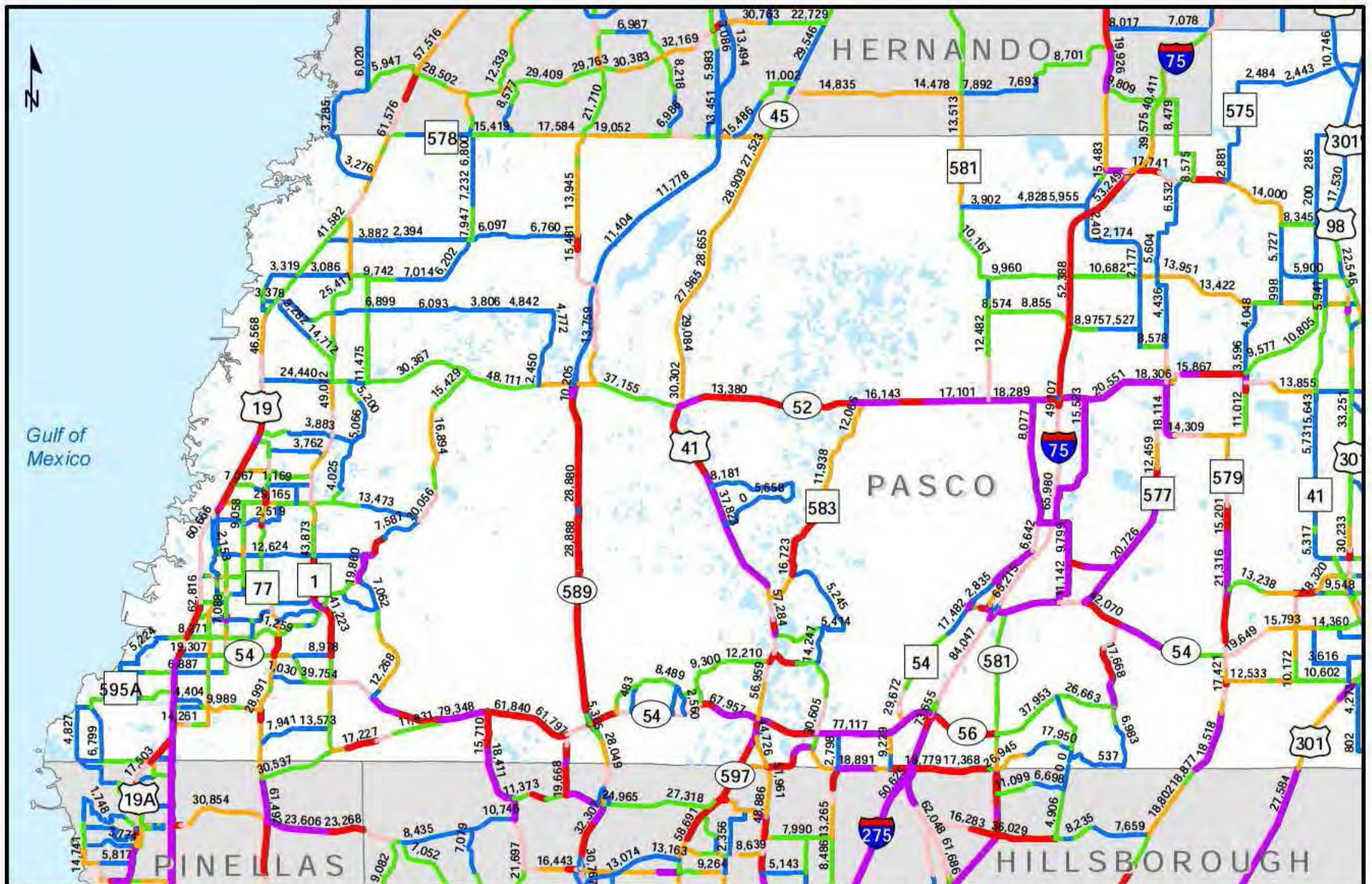
Ridge Road Extension Analysis: Alternatives 2-7 - Build Ridge Road Extension as Four Lanes

| Name | From - To | A-Node | B-Node | Facility Type | Number of Lanes | Volume | C. Speed | VMT | VHT | VC Ratio LOS-E | VMT*VCE |
|--------------|-----------------------------|--------|--------|---------------|-----------------|--------|----------|-----------|----------|----------------|---------|
| SR 54 | Suncoast to US 41 | 14316 | 14314 | 23 | 3 | 33,817 | 18.53 | 18,778.38 | 1,013.27 | 1.22 | 22,870 |
| SR 54 | Suncoast to US 41 | 14327 | 14330 | 23 | 3 | 35,205 | 16.91 | 7,945.70 | 469.99 | 1.27 | 10,074 |
| SR 54 | Suncoast to US 41 | 14329 | 14314 | 23 | 3 | 36,559 | 15.65 | 13,644.00 | 871.72 | 1.32 | 17,965 |
| SR 54 | Suncoast to US 41 | 14329 | 14330 | 23 | 3 | 35,427 | 16.85 | 4,715.28 | 279.76 | 1.28 | 6,016 |
| SR 54 | Suncoast to US 41 | 14330 | 14327 | 23 | 3 | 35,119 | 17.00 | 7,926.45 | 466.36 | 1.26 | 10,025 |
| SR 54 | Suncoast to US 41 | 14330 | 14329 | 23 | 3 | 35,515 | 16.76 | 4,727.01 | 282.01 | 1.28 | 6,046 |
| SR 54 | Suncoast to US 41 | 15330 | 14285 | 23 | 3 | 28,234 | 25.37 | 9,715.42 | 382.90 | 1.02 | 9,879 |
| SR 54 | Suncoast to US 41 | 15330 | 14313 | 23 | 3 | 27,595 | 25.95 | 15,182.57 | 585.15 | 0.99 | 15,088 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14121 | 14150 | 43 | 2 | 4,548 | 29.79 | 1,642.22 | 55.13 | 0.30 | 493 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14150 | 14121 | 43 | 2 | 4,594 | 29.78 | 1,658.82 | 55.71 | 0.30 | 503 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14150 | 14241 | 43 | 1 | 4,878 | 26.10 | 8,909.36 | 341.42 | 0.65 | 5,780 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14241 | 14150 | 43 | 1 | 4,928 | 25.97 | 9,000.17 | 346.53 | 0.66 | 5,898 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14241 | 14255 | 43 | 1 | 4,878 | 26.21 | 1,250.32 | 47.71 | 0.65 | 811 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14255 | 14241 | 43 | 1 | 4,928 | 26.09 | 1,263.07 | 48.42 | 0.66 | 828 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14255 | 14295 | 43 | 1 | 3,763 | 28.24 | 2,198.01 | 77.83 | 0.50 | 1,100 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14295 | 14255 | 43 | 1 | 3,804 | 28.18 | 2,221.90 | 78.85 | 0.51 | 1,124 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14295 | 14297 | 43 | 1 | 2,748 | 29.83 | 404.28 | 13.55 | 0.37 | 148 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14297 | 14295 | 43 | 1 | 2,777 | 29.81 | 408.53 | 13.70 | 0.37 | 151 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14297 | 14336 | 43 | 1 | 2,748 | 29.48 | 2,300.65 | 78.04 | 0.37 | 841 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14336 | 14297 | 43 | 1 | 2,777 | 29.46 | 2,324.83 | 78.92 | 0.37 | 859 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14336 | 14361 | 41 | 1 | 9,710 | 15.04 | 5,469.46 | 363.60 | 1.18 | 6,459 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14361 | 14336 | 41 | 1 | 9,672 | 15.16 | 5,448.00 | 359.45 | 1.18 | 6,408 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14361 | 14370 | 41 | 1 | 9,710 | 15.15 | 1,963.30 | 129.60 | 1.18 | 2,318 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14370 | 14361 | 41 | 1 | 9,672 | 15.26 | 1,955.59 | 128.12 | 1.18 | 2,300 |
| Suncoast | Ridge Rd Extension to SR 54 | 14213 | 14235 | 92 | 2 | 25,072 | 41.44 | 10,655.44 | 257.12 | 0.82 | 8,711 |
| Suncoast | Ridge Rd Extension to SR 54 | 14217 | 14235 | 71 | 2 | 6,240 | 29.78 | 2,542.79 | 85.38 | 0.19 | 494 |
| Suncoast | Ridge Rd Extension to SR 54 | 14233 | 14210 | 71 | 2 | 6,030 | 29.92 | 2,498.40 | 83.51 | 0.19 | 469 |
| Suncoast | Ridge Rd Extension to SR 54 | 14233 | 14211 | 92 | 2 | 25,363 | 40.63 | 10,865.60 | 267.44 | 0.83 | 8,987 |
| Suncoast | Ridge Rd Extension to SR 54 | 14235 | 14292 | 92 | 2 | 31,312 | 28.55 | 30,040.35 | 1,052.14 | 1.22 | 36,647 |
| Suncoast | Ridge Rd Extension to SR 54 | 14291 | 14233 | 92 | 2 | 31,394 | 28.49 | 30,112.77 | 1,057.07 | 1.22 | 36,832 |
| Suncoast | Ridge Rd Extension to SR 54 | 14292 | 14391 | 92 | 2 | 31,312 | 28.60 | 60,462.70 | 2,113.76 | 1.22 | 73,760 |
| Suncoast | Ridge Rd Extension to SR 54 | 14390 | 14291 | 92 | 2 | 31,394 | 28.62 | 60,787.48 | 2,123.67 | 1.22 | 74,351 |
| Suncoast | Ridge Rd Extension to SR 54 | 14391 | 14449 | 92 | 2 | 31,312 | 28.71 | 23,671.57 | 824.65 | 1.22 | 28,878 |
| Suncoast | Ridge Rd Extension to SR 54 | 14449 | 14472 | 92 | 2 | 31,312 | 28.37 | 8,873.71 | 312.80 | 1.22 | 10,825 |
| Suncoast | Ridge Rd Extension to SR 54 | 14451 | 14390 | 92 | 2 | 31,394 | 28.43 | 24,910.85 | 876.13 | 1.22 | 30,469 |
| Suncoast | Ridge Rd Extension to SR 54 | 14471 | 14451 | 92 | 2 | 31,394 | 28.51 | 7,873.52 | 276.17 | 1.22 | 9,630 |
| Suncoast | Ridge Rd Extension to SR 54 | 14472 | 14485 | 92 | 2 | 31,312 | 18.22 | 4,023.54 | 220.85 | 1.22 | 4,908 |
| Suncoast | Ridge Rd Extension to SR 54 | 14484 | 14471 | 92 | 2 | 31,394 | 12.91 | 3,848.86 | 298.08 | 1.22 | 4,708 |
| Suncoast | Ridge Rd Extension to SR 54 | 14485 | 14492 | 99 | 2 | 31,312 | 0.56 | 2,188.68 | 3,882.64 | 0.85 | 1,869 |
| Suncoast | Ridge Rd Extension to SR 54 | 14490 | 14484 | 99 | 2 | 31,394 | 0.57 | 2,213.25 | 3,892.81 | 0.86 | 1,895 |
| Suncoast | Ridge Rd Extension to SR 54 | 14492 | 14501 | 92 | 2 | 31,312 | 13.90 | 4,386.75 | 315.64 | 1.22 | 5,352 |
| Suncoast | Ridge Rd Extension to SR 54 | 14500 | 14490 | 92 | 2 | 31,394 | 19.18 | 4,439.06 | 231.41 | 1.22 | 5,430 |
| Suncoast | Ridge Rd Extension to SR 54 | 14501 | 14510 | 92 | 2 | 31,312 | 29.07 | 8,541.80 | 293.84 | 1.22 | 10,420 |
| Suncoast | Ridge Rd Extension to SR 54 | 14508 | 14500 | 92 | 2 | 31,394 | 28.32 | 8,090.14 | 285.70 | 1.22 | 9,895 |
| Suncoast | Ridge Rd Extension to SR 54 | 14510 | 15304 | 92 | 2 | 31,312 | 28.62 | 29,843.08 | 1,042.66 | 1.22 | 36,406 |
| Suncoast | Ridge Rd Extension to SR 54 | 14557 | 15303 | 92 | 2 | 23,603 | 36.08 | 7,118.67 | 197.29 | 0.92 | 6,546 |
| Suncoast | Ridge Rd Extension to SR 54 | 15303 | 14508 | 92 | 2 | 31,394 | 28.66 | 30,564.84 | 1,066.60 | 1.22 | 37,385 |
| Suncoast | Ridge Rd Extension to SR 54 | 15304 | 14558 | 92 | 2 | 23,500 | 36.71 | 7,186.37 | 195.78 | 0.92 | 6,580 |
| Suncoast | Ridge Rd Extension to SR 54 | 15304 | 15306 | 71 | 1 | 7,811 | 29.29 | 1,301.03 | 44.42 | 0.51 | 662 |
| Suncoast | Ridge Rd Extension to SR 54 | 15305 | 15303 | 71 | 1 | 7,791 | 29.10 | 1,210.55 | 41.61 | 0.51 | 614 |
| Suncoast | SR 52 to Ridge Rd Extension | 14557 | 15376 | 71 | 1 | 2,288 | 30.40 | 150.80 | 4.96 | 0.15 | 22 |
| Suncoast | SR 52 to Ridge Rd Extension | 14558 | 14645 | 92 | 2 | 25,921 | 33.83 | 53,617.72 | 1,584.86 | 1.01 | 54,149 |
| Suncoast | SR 52 to Ridge Rd Extension | 14644 | 14557 | 92 | 2 | 25,891 | 33.90 | 53,447.26 | 1,576.60 | 1.01 | 53,915 |
| Suncoast | SR 52 to Ridge Rd Extension | 14645 | 14722 | 92 | 2 | 25,921 | 33.94 | 29,705.54 | 875.32 | 1.01 | 30,000 |
| Suncoast | SR 52 to Ridge Rd Extension | 14722 | 14748 | 92 | 2 | 10,889 | 48.17 | 3,864.45 | 80.23 | 0.42 | 1,639 |
| Suncoast | SR 52 to Ridge Rd Extension | 14722 | 14752 | 71 | 1 | 15,032 | 22.46 | 5,787.41 | 257.64 | 0.98 | 5,666 |
| Suncoast | SR 52 to Ridge Rd Extension | 14725 | 14644 | 92 | 2 | 25,891 | 33.78 | 30,657.80 | 907.54 | 1.01 | 30,926 |
| Suncoast | SR 52 to Ridge Rd Extension | 14747 | 14725 | 92 | 2 | 11,024 | 48.14 | 3,536.61 | 73.47 | 0.43 | 1,519 |
| Suncoast | SR 52 to Ridge Rd Extension | 14749 | 14725 | 71 | 1 | 14,867 | 22.81 | 5,084.47 | 222.88 | 0.97 | 4,923 |
| Suncoast | SR 52 to Ridge Rd Extension | 15306 | 15377 | 71 | 1 | 2,421 | 30.34 | 146.96 | 4.84 | 0.16 | 23 |
| Suncoast | SR 52 to Ridge Rd Extension | 15375 | 15305 | 71 | 1 | 2,288 | 28.96 | 154.67 | 5.34 | 0.15 | 23 |

Ridge Road Extension Analysis: Alternatives 2-7 - Build Ridge Road Extension as Four Lanes

| Name | From - To | A-Node | B-Node | Facility Type | Number of Lanes | Volume | C. Speed | VMT | VHT | VC Ratio LOS-E | VMT*VCE |
|----------------|-----------------------------|--------|--------|---------------|-----------------|--------|----------|-----------|----------|----------------|-----------|
| Suncoast | SR 52 to Ridge Rd Extension | 15376 | 15375 | 99 | 2 | 2,288 | 0.71 | 50.53 | 70.94 | 0.06 | 3 |
| Suncoast | SR 52 to Ridge Rd Extension | 15377 | 15378 | 99 | 2 | 2,421 | 0.78 | 58.54 | 75.05 | 0.07 | 4 |
| Suncoast | SR 52 to Ridge Rd Extension | 15378 | 14558 | 71 | 1 | 2,421 | 29.95 | 157.18 | 5.25 | 0.16 | 25 |
| US 41 | Ridge Rd Extension to SR 54 | 14327 | 14350 | 23 | 3 | 26,782 | 29.54 | 12,831.31 | 434.32 | 0.88 | 11,251 |
| US 41 | Ridge Rd Extension to SR 54 | 14350 | 14327 | 23 | 3 | 26,607 | 29.71 | 12,747.46 | 429.03 | 0.87 | 11,105 |
| US 41 | Ridge Rd Extension to SR 54 | 14350 | 14357 | 23 | 3 | 26,294 | 30.73 | 3,733.74 | 121.51 | 0.86 | 3,214 |
| US 41 | Ridge Rd Extension to SR 54 | 14357 | 14350 | 23 | 3 | 26,142 | 30.87 | 3,712.13 | 120.24 | 0.86 | 3,177 |
| US 41 | Ridge Rd Extension to SR 54 | 14357 | 14388 | 23 | 3 | 28,355 | 28.00 | 15,563.97 | 555.92 | 0.93 | 14,449 |
| US 41 | Ridge Rd Extension to SR 54 | 14388 | 14357 | 23 | 3 | 28,195 | 28.16 | 15,476.48 | 549.58 | 0.92 | 14,287 |
| US 41 | Ridge Rd Extension to SR 54 | 14388 | 14415 | 23 | 3 | 28,355 | 25.22 | 14,270.99 | 565.81 | 1.02 | 14,573 |
| US 41 | Ridge Rd Extension to SR 54 | 14415 | 14388 | 23 | 3 | 28,195 | 25.42 | 14,190.77 | 558.36 | 1.02 | 14,410 |
| US 41 | Ridge Rd Extension to SR 54 | 14415 | 14443 | 23 | 3 | 31,593 | 20.96 | 8,514.26 | 406.31 | 1.14 | 9,688 |
| US 41 | Ridge Rd Extension to SR 54 | 14443 | 14415 | 23 | 3 | 31,366 | 21.22 | 8,453.25 | 398.33 | 1.13 | 9,549 |
| US 41 | Ridge Rd Extension to SR 54 | 14443 | 14491 | 23 | 3 | 27,392 | 26.30 | 14,786.20 | 562.29 | 0.99 | 14,587 |
| US 41 | Ridge Rd Extension to SR 54 | 14491 | 14443 | 23 | 3 | 27,234 | 26.48 | 14,701.12 | 555.10 | 0.98 | 14,419 |
| US 41 | Ridge Rd Extension to SR 54 | 14491 | 14503 | 23 | 3 | 32,481 | 20.08 | 6,976.81 | 347.43 | 1.17 | 8,161 |
| US 41 | Ridge Rd Extension to SR 54 | 14503 | 14491 | 23 | 3 | 32,535 | 20.02 | 6,988.61 | 349.13 | 1.17 | 8,189 |
| US 41 | Ridge Rd Extension to SR 54 | 14503 | 14509 | 23 | 3 | 29,797 | 23.50 | 6,645.37 | 282.84 | 1.07 | 7,129 |
| US 41 | Ridge Rd Extension to SR 54 | 14509 | 14503 | 23 | 3 | 29,834 | 23.44 | 6,656.07 | 284.00 | 1.07 | 7,152 |
| US 41 | Ridge Rd Extension to SR 54 | 14509 | 14531 | 23 | 3 | 27,820 | 25.80 | 17,320.44 | 671.44 | 1.00 | 17,353 |
| US 41 | Ridge Rd Extension to SR 54 | 14531 | 14509 | 23 | 3 | 27,871 | 25.73 | 17,352.59 | 674.31 | 1.00 | 17,418 |
| US 41 | Ridge Rd Extension to SR 54 | 14531 | 14541 | 23 | 3 | 24,557 | 29.22 | 8,948.45 | 306.23 | 0.88 | 7,914 |
| US 41 | Ridge Rd Extension to SR 54 | 14541 | 14531 | 23 | 3 | 24,650 | 29.12 | 8,982.34 | 308.44 | 0.89 | 7,974 |
| US 41 | Ridge Rd Extension to SR 54 | 14541 | 14550 | 23 | 2 | 24,262 | 15.89 | 10,942.29 | 688.79 | 1.31 | 14,342 |
| US 41 | Ridge Rd Extension to SR 54 | 14550 | 14541 | 23 | 2 | 24,351 | 15.75 | 10,982.50 | 697.28 | 1.32 | 14,447 |
| US 41 | Ridge Rd Extension to SR 54 | 14550 | 14552 | 23 | 2 | 24,262 | 15.74 | 5,956.39 | 378.35 | 1.31 | 7,807 |
| US 41 | Ridge Rd Extension to SR 54 | 14552 | 14550 | 23 | 2 | 24,351 | 15.61 | 5,978.28 | 383.01 | 1.32 | 7,864 |
| US 41 | Ridge Rd Extension to SR 54 | 14552 | 14559 | 23 | 2 | 24,004 | 16.13 | 7,854.13 | 486.90 | 1.30 | 10,185 |
| US 41 | Ridge Rd Extension to SR 54 | 14559 | 14552 | 23 | 2 | 24,085 | 16.01 | 7,880.69 | 492.35 | 1.30 | 10,254 |
| US 41 | Ridge Rd Extension to SR 54 | 14559 | 14565 | 23 | 2 | 23,102 | 4.35 | 6,780.39 | 1,559.02 | 1.88 | 12,779 |
| US 41 | Ridge Rd Extension to SR 54 | 14565 | 14559 | 23 | 2 | 23,194 | 4.29 | 6,807.44 | 1,586.77 | 1.89 | 12,881 |
| US 41 | Ridge Rd Extension to SR 54 | 14565 | 14578 | 23 | 2 | 20,917 | 6.06 | 14,114.79 | 2,327.45 | 1.71 | 24,086 |
| US 41 | Ridge Rd Extension to SR 54 | 14578 | 14565 | 23 | 2 | 20,966 | 6.02 | 14,147.89 | 2,350.49 | 1.71 | 24,199 |
| US 41 | Ridge Rd Extension to SR 54 | 14578 | 14630 | 23 | 2 | 18,750 | 8.47 | 21,422.42 | 2,528.27 | 1.53 | 32,769 |
| US 41 | Ridge Rd Extension to SR 54 | 14630 | 14578 | 23 | 2 | 18,806 | 8.40 | 21,485.32 | 2,557.28 | 1.53 | 32,962 |
| US 41 | Ridge Rd Extension to SR 54 | 14630 | 14636 | 23 | 2 | 19,372 | 7.70 | 4,821.12 | 626.01 | 1.58 | 7,619 |
| US 41 | Ridge Rd Extension to SR 54 | 14636 | 14630 | 23 | 2 | 19,391 | 7.68 | 4,825.86 | 628.47 | 1.58 | 7,634 |
| US 41 | SR 52 to Ridge Rd Extension | 14636 | 14662 | 31 | 1 | 21,867 | 15.73 | 9,734.85 | 619.02 | 1.37 | 13,304 |
| US 41 | SR 52 to Ridge Rd Extension | 14662 | 14636 | 31 | 1 | 21,994 | 15.50 | 9,791.56 | 631.74 | 1.37 | 13,460 |
| US 41 | SR 52 to Ridge Rd Extension | 14662 | 14671 | 31 | 1 | 20,593 | 18.54 | 3,074.57 | 165.84 | 1.29 | 3,957 |
| US 41 | SR 52 to Ridge Rd Extension | 14671 | 14662 | 31 | 1 | 20,721 | 18.28 | 3,093.59 | 169.23 | 1.30 | 4,006 |
| US 41 | SR 52 to Ridge Rd Extension | 14671 | 14676 | 31 | 1 | 20,391 | 18.48 | 3,250.26 | 175.91 | 1.27 | 4,142 |
| US 41 | SR 52 to Ridge Rd Extension | 14676 | 14671 | 31 | 1 | 20,511 | 18.24 | 3,269.45 | 179.29 | 1.28 | 4,191 |
| US 41 | SR 52 to Ridge Rd Extension | 14676 | 14687 | 31 | 1 | 20,391 | 18.77 | 5,456.52 | 290.63 | 1.27 | 6,954 |
| US 41 | SR 52 to Ridge Rd Extension | 14687 | 14676 | 31 | 1 | 20,511 | 18.53 | 5,488.73 | 296.22 | 1.28 | 7,036 |
| US 41 | SR 52 to Ridge Rd Extension | 14687 | 14692 | 31 | 1 | 20,172 | 19.32 | 2,426.66 | 125.60 | 1.26 | 3,059 |
| US 41 | SR 52 to Ridge Rd Extension | 14692 | 14687 | 31 | 1 | 20,294 | 19.07 | 2,441.38 | 128.05 | 1.27 | 3,097 |
| US 41 | SR 52 to Ridge Rd Extension | 14692 | 14701 | 31 | 1 | 20,172 | 18.82 | 3,475.59 | 184.71 | 1.26 | 4,382 |
| US 41 | SR 52 to Ridge Rd Extension | 14701 | 14692 | 31 | 1 | 20,294 | 18.57 | 3,496.68 | 188.31 | 1.27 | 4,435 |
| US 41 | SR 52 to Ridge Rd Extension | 14701 | 14717 | 31 | 1 | 20,172 | 19.19 | 9,216.47 | 480.25 | 1.26 | 11,619 |
| US 41 | SR 52 to Ridge Rd Extension | 14717 | 14701 | 31 | 1 | 20,294 | 18.94 | 9,272.39 | 489.61 | 1.27 | 11,761 |
| US 41 | SR 52 to Ridge Rd Extension | 14717 | 14781 | 31 | 1 | 19,473 | 20.66 | 16,003.10 | 774.72 | 1.22 | 19,477 |
| US 41 | SR 52 to Ridge Rd Extension | 14781 | 14717 | 31 | 1 | 19,581 | 20.42 | 16,091.52 | 787.85 | 1.22 | 19,693 |
| Totals: | | | | | | | | 2,332,751 | 112,189 | | 2,406,692 |

Avg. Speed: 20.79 Weighted VC Ratio: 1.032



**Tindale
Oliver**

Legend

V/C Ratio (LOS E) — >0.5-0.8 — >0.95-1.05 — >1.2
— < 0.5 — >0.8-0.95 — >1.05-1.2



Alternative 8
 Ridge Road Extension Analysis - TBRPM Model
 Peak Season Daily Traffic Volume (Two-way)
 and V/C Ratio by Roadway Segment

Ridge Road Extension Analysis: Alternative 8 - Add Four Lanes to SR 52

| Name | From - To | A-Node | B-Node | Facility Type | Number of Lanes | Volume | C. Speed | VMT | VHT | VC Ratio LOS-E | VMT*VCE |
|---------------|------------------------------|--------|--------|---------------|-----------------|--------|----------|-----------|----------|----------------|---------|
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14370 | 14373 | 41 | 1 | 10,922 | 11.94 | 2,165.74 | 181.46 | 1.33 | 2,877 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14373 | 14370 | 41 | 1 | 10,931 | 11.91 | 2,167.64 | 181.98 | 1.33 | 2,882 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14373 | 14381 | 41 | 1 | 10,922 | 11.70 | 1,577.07 | 134.80 | 1.33 | 2,095 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14381 | 14373 | 41 | 1 | 10,931 | 11.68 | 1,578.45 | 135.18 | 1.33 | 2,098 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14381 | 14407 | 41 | 1 | 8,683 | 18.33 | 4,704.34 | 256.61 | 1.06 | 4,968 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14407 | 14381 | 41 | 1 | 8,704 | 18.26 | 4,715.65 | 258.21 | 1.06 | 4,992 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14407 | 14439 | 41 | 1 | 3,781 | 32.09 | 2,536.15 | 79.04 | 0.46 | 1,166 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14439 | 14407 | 41 | 1 | 3,806 | 32.05 | 2,552.72 | 79.64 | 0.46 | 1,182 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14439 | 14470 | 41 | 2 | 7,916 | 32.16 | 4,093.48 | 127.29 | 0.47 | 1,924 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14470 | 14439 | 41 | 2 | 7,955 | 32.13 | 4,113.58 | 128.02 | 0.47 | 1,943 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14470 | 14528 | 32 | 1 | 10,042 | 22.86 | 11,416.84 | 499.46 | 0.95 | 10,884 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14528 | 14470 | 32 | 1 | 10,014 | 22.94 | 11,384.93 | 496.28 | 0.95 | 10,824 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14528 | 14551 | 32 | 1 | 7,151 | 30.72 | 4,565.22 | 148.62 | 0.68 | 3,099 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14551 | 14528 | 32 | 1 | 7,197 | 30.61 | 4,594.47 | 150.08 | 0.68 | 3,139 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14551 | 14568 | 32 | 1 | 8,452 | 27.21 | 4,542.07 | 166.92 | 0.80 | 3,645 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14568 | 14551 | 32 | 1 | 8,442 | 27.24 | 4,536.57 | 166.55 | 0.80 | 3,636 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14568 | 14585 | 32 | 1 | 8,452 | 27.36 | 5,328.94 | 194.75 | 0.80 | 4,276 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14585 | 14568 | 32 | 1 | 8,442 | 27.39 | 5,322.49 | 194.31 | 0.80 | 4,266 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14585 | 14623 | 32 | 1 | 9,397 | 24.72 | 5,704.22 | 230.79 | 0.89 | 5,089 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14623 | 14585 | 32 | 1 | 9,388 | 24.74 | 5,698.70 | 230.32 | 0.89 | 5,079 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14623 | 14700 | 32 | 1 | 7,706 | 29.30 | 10,223.40 | 348.87 | 0.73 | 7,479 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14700 | 14623 | 32 | 1 | 7,723 | 29.26 | 10,246.33 | 350.17 | 0.73 | 7,513 |
| SR 52 | Moon Lake to Suncoast | 14691 | 14693 | 23 | 5 | 23,972 | 36.05 | 9,207.80 | 255.42 | 0.56 | 5,194 |
| SR 52 | Moon Lake to Suncoast | 14691 | 14713 | 23 | 5 | 24,139 | 36.21 | 23,542.71 | 650.13 | 0.57 | 13,372 |
| SR 52 | Moon Lake to Suncoast | 14693 | 14691 | 23 | 5 | 24,139 | 36.00 | 9,271.77 | 257.52 | 0.57 | 5,266 |
| SR 52 | Moon Lake to Suncoast | 14693 | 14694 | 23 | 5 | 23,965 | 36.41 | 6,400.96 | 175.79 | 0.56 | 3,609 |
| SR 52 | Moon Lake to Suncoast | 14694 | 14693 | 23 | 5 | 24,111 | 36.37 | 6,440.09 | 177.07 | 0.57 | 3,654 |
| SR 52 | Moon Lake to Suncoast | 14694 | 14700 | 23 | 5 | 22,946 | 36.55 | 3,490.09 | 95.48 | 0.54 | 1,884 |
| SR 52 | Moon Lake to Suncoast | 14700 | 14694 | 23 | 5 | 23,059 | 36.52 | 3,507.30 | 96.03 | 0.54 | 1,903 |
| SR 52 | Moon Lake to Suncoast | 14713 | 14691 | 23 | 5 | 23,972 | 36.26 | 23,380.29 | 644.82 | 0.56 | 13,188 |
| SR 52 | Moon Lake to Suncoast | 14713 | 14718 | 23 | 5 | 24,139 | 25.97 | 5,312.98 | 204.57 | 0.79 | 4,185 |
| SR 52 | Moon Lake to Suncoast | 14718 | 14713 | 23 | 5 | 23,972 | 26.08 | 5,276.33 | 202.30 | 0.78 | 4,128 |
| SR 52 | Moon Lake to Suncoast | 14718 | 14723 | 23 | 5 | 24,136 | 26.08 | 3,101.47 | 118.91 | 0.79 | 2,443 |
| SR 52 | Moon Lake to Suncoast | 14723 | 14718 | 23 | 5 | 23,966 | 26.19 | 3,079.69 | 117.57 | 0.78 | 2,409 |
| SR 52 | Moon Lake to Suncoast | 14723 | 14727 | 23 | 5 | 25,343 | 24.94 | 2,445.61 | 98.05 | 0.83 | 2,023 |
| SR 52 | Moon Lake to Suncoast | 14727 | 14723 | 23 | 5 | 25,162 | 25.07 | 2,428.16 | 96.85 | 0.82 | 1,994 |
| SR 52 | Moon Lake to Suncoast | 14727 | 14734 | 23 | 5 | 25,343 | 24.86 | 8,467.13 | 340.59 | 0.83 | 7,002 |
| SR 52 | Moon Lake to Suncoast | 14734 | 14727 | 23 | 5 | 25,162 | 24.99 | 8,406.70 | 336.43 | 0.82 | 6,903 |
| SR 52 | Moon Lake to Suncoast | 14734 | 14738 | 23 | 5 | 26,401 | 24.25 | 4,844.67 | 199.78 | 0.86 | 4,174 |
| SR 52 | Moon Lake to Suncoast | 14738 | 14734 | 23 | 5 | 26,183 | 24.42 | 4,804.51 | 196.78 | 0.85 | 4,105 |
| SR 52 | Moon Lake to Suncoast | 14738 | 14749 | 23 | 5 | 26,512 | 23.90 | 9,488.69 | 397.05 | 0.87 | 8,209 |
| SR 52 | Moon Lake to Suncoast | 14749 | 14738 | 23 | 5 | 26,305 | 24.05 | 9,414.67 | 391.40 | 0.86 | 8,082 |
| SR 52 | Moon Lake to Suncoast | 14749 | 14752 | 23 | 4 | 15,510 | 27.83 | 1,703.00 | 61.19 | 0.63 | 1,077 |
| SR 52 | Moon Lake to Suncoast | 14752 | 14749 | 23 | 4 | 32,404 | 12.24 | 3,558.01 | 290.76 | 1.32 | 4,703 |
| SR 52 | Suncoast to US 41 | 14752 | 14757 | 32 | 3 | 22,363 | 25.57 | 2,242.98 | 87.72 | 0.85 | 1,902 |
| SR 52 | Suncoast to US 41 | 14757 | 14752 | 32 | 3 | 21,774 | 26.22 | 2,183.88 | 83.29 | 0.83 | 1,803 |
| SR 52 | Suncoast to US 41 | 14757 | 14767 | 32 | 3 | 21,820 | 26.72 | 10,909.86 | 408.32 | 0.83 | 9,028 |
| SR 52 | Suncoast to US 41 | 14762 | 14765 | 32 | 3 | 19,455 | 29.19 | 2,457.12 | 84.17 | 0.74 | 1,813 |
| SR 52 | Suncoast to US 41 | 14762 | 14767 | 32 | 3 | 18,350 | 30.24 | 21,617.60 | 714.75 | 0.70 | 15,045 |
| SR 52 | Suncoast to US 41 | 14765 | 14762 | 32 | 3 | 18,991 | 29.65 | 2,398.53 | 80.89 | 0.72 | 1,728 |
| SR 52 | Suncoast to US 41 | 14765 | 14773 | 32 | 3 | 19,533 | 28.88 | 4,428.20 | 153.34 | 0.74 | 3,281 |
| SR 52 | Suncoast to US 41 | 14767 | 14757 | 32 | 3 | 21,250 | 27.35 | 10,624.97 | 388.49 | 0.81 | 8,563 |
| SR 52 | Suncoast to US 41 | 14767 | 14762 | 32 | 3 | 18,805 | 29.81 | 22,154.71 | 743.11 | 0.71 | 15,801 |
| SR 52 | Suncoast to US 41 | 14773 | 14765 | 32 | 3 | 19,074 | 29.33 | 4,324.17 | 147.42 | 0.72 | 3,128 |
| SR 52 | Suncoast to US 41 | 14773 | 14774 | 32 | 3 | 18,977 | 29.72 | 9,262.65 | 311.64 | 0.72 | 6,667 |
| SR 52 | Suncoast to US 41 | 14774 | 14773 | 32 | 3 | 18,517 | 30.16 | 9,038.18 | 299.63 | 0.70 | 6,347 |
| SR 52 | Suncoast to US 41 | 14774 | 14781 | 32 | 3 | 18,113 | 30.39 | 7,929.92 | 260.90 | 0.69 | 5,448 |
| SR 52 | Suncoast to US 41 | 14781 | 14774 | 32 | 3 | 17,658 | 30.80 | 7,730.72 | 250.98 | 0.67 | 5,177 |
| SR 54 | Starkey to Suncoast | 14107 | 14109 | 23 | 3 | 31,156 | 21.72 | 27,847.45 | 1,282.40 | 1.12 | 31,247 |
| SR 54 | Starkey to Suncoast | 14107 | 14114 | 23 | 3 | 33,945 | 18.41 | 24,657.43 | 1,339.51 | 1.22 | 30,144 |
| SR 54 | Starkey to Suncoast | 14109 | 14107 | 23 | 3 | 31,143 | 21.73 | 27,836.00 | 1,280.97 | 1.12 | 31,221 |

Ridge Road Extension Analysis: Alternative 8 - Add Four Lanes to SR 52

| Name | From - To | A-Node | B-Node | Facility Type | Number of Lanes | Volume | C. Speed | VMT | VHT | VC Ratio LOS-E | VMT*VCE |
|--------------|------------------------|--------|--------|---------------|-----------------|--------|----------|-----------|----------|----------------|---------|
| SR 54 | Starkey to Suncoast | 14109 | 14118 | 23 | 3 | 31,074 | 21.94 | 9,508.74 | 433.46 | 1.12 | 10,641 |
| SR 54 | Starkey to Suncoast | 14114 | 14107 | 23 | 3 | 33,962 | 18.39 | 24,669.70 | 1,341.55 | 1.22 | 30,174 |
| SR 54 | Starkey to Suncoast | 14114 | 14121 | 23 | 3 | 33,945 | 18.30 | 5,115.47 | 279.55 | 1.22 | 6,254 |
| SR 54 | Starkey to Suncoast | 14118 | 14109 | 23 | 3 | 31,057 | 21.96 | 9,503.59 | 432.82 | 1.12 | 10,630 |
| SR 54 | Starkey to Suncoast | 14118 | 14120 | 23 | 3 | 31,074 | 21.33 | 3,660.55 | 171.58 | 1.12 | 4,097 |
| SR 54 | Starkey to Suncoast | 14120 | 14118 | 23 | 3 | 31,057 | 21.35 | 3,658.57 | 171.33 | 1.12 | 4,092 |
| SR 54 | Starkey to Suncoast | 14120 | 14124 | 23 | 3 | 36,591 | 15.54 | 3,915.27 | 251.91 | 1.32 | 5,160 |
| SR 54 | Starkey to Suncoast | 14121 | 14114 | 23 | 3 | 33,962 | 18.28 | 5,118.01 | 279.98 | 1.22 | 6,260 |
| SR 54 | Starkey to Suncoast | 14124 | 14120 | 23 | 3 | 36,530 | 15.60 | 3,908.69 | 250.49 | 1.32 | 5,142 |
| SR 54 | Starkey to Suncoast | 14124 | 14151 | 23 | 3 | 39,732 | 12.68 | 29,091.72 | 2,294.86 | 1.43 | 41,628 |
| SR 54 | Starkey to Suncoast | 14151 | 14124 | 23 | 3 | 39,617 | 12.78 | 29,007.24 | 2,270.59 | 1.43 | 41,387 |
| SR 54 | Starkey to Suncoast | 14151 | 14163 | 23 | 3 | 39,023 | 13.47 | 12,479.63 | 926.62 | 1.41 | 17,539 |
| SR 54 | Starkey to Suncoast | 14163 | 14151 | 23 | 3 | 38,942 | 13.54 | 12,453.60 | 919.70 | 1.40 | 17,466 |
| SR 54 | Starkey to Suncoast | 14163 | 14167 | 23 | 3 | 38,458 | 14.06 | 7,418.55 | 527.76 | 1.39 | 10,275 |
| SR 54 | Starkey to Suncoast | 14167 | 14163 | 23 | 3 | 38,393 | 14.12 | 7,405.95 | 524.59 | 1.38 | 10,240 |
| SR 54 | Starkey to Suncoast | 14167 | 14172 | 23 | 3 | 31,196 | 21.56 | 13,972.56 | 647.97 | 1.12 | 15,698 |
| SR 54 | Starkey to Suncoast | 14172 | 14167 | 23 | 3 | 31,177 | 21.59 | 13,964.23 | 646.93 | 1.12 | 15,679 |
| SR 54 | Starkey to Suncoast | 14172 | 14177 | 23 | 3 | 30,908 | 21.95 | 13,871.63 | 631.96 | 1.11 | 15,441 |
| SR 54 | Starkey to Suncoast | 14174 | 14181 | 23 | 3 | 30,901 | 22.00 | 31,318.16 | 1,423.24 | 1.11 | 34,853 |
| SR 54 | Starkey to Suncoast | 14174 | 14199 | 23 | 3 | 27,958 | 25.52 | 13,794.64 | 540.57 | 1.01 | 13,890 |
| SR 54 | Starkey to Suncoast | 14177 | 14172 | 23 | 3 | 30,932 | 21.92 | 13,882.08 | 633.24 | 1.11 | 15,464 |
| SR 54 | Starkey to Suncoast | 14177 | 14181 | 23 | 3 | 30,434 | 22.46 | 16,501.25 | 734.68 | 1.10 | 18,086 |
| SR 54 | Starkey to Suncoast | 14181 | 14174 | 23 | 3 | 30,896 | 22.01 | 31,312.71 | 1,422.58 | 1.11 | 34,841 |
| SR 54 | Starkey to Suncoast | 14181 | 14177 | 23 | 3 | 30,463 | 22.43 | 16,517.19 | 736.54 | 1.10 | 18,121 |
| SR 54 | Starkey to Suncoast | 14199 | 14174 | 23 | 3 | 28,432 | 24.95 | 14,028.20 | 562.24 | 1.02 | 14,364 |
| SR 54 | Starkey to Suncoast | 14199 | 14210 | 23 | 3 | 28,849 | 24.65 | 6,072.66 | 246.32 | 1.04 | 6,309 |
| SR 54 | Starkey to Suncoast | 14210 | 14199 | 23 | 3 | 29,256 | 24.16 | 6,158.29 | 254.91 | 1.05 | 6,488 |
| SR 54 | Starkey to Suncoast | 14210 | 14217 | 23 | 3 | 31,020 | 22.09 | 3,573.48 | 161.78 | 1.12 | 3,992 |
| SR 54 | Starkey to Suncoast | 14217 | 14210 | 23 | 3 | 30,260 | 23.01 | 3,485.98 | 151.49 | 1.09 | 3,799 |
| SR 54 | Suncoast to US 41 | 14217 | 14227 | 23 | 3 | 32,242 | 20.57 | 9,259.93 | 450.23 | 1.16 | 10,752 |
| SR 54 | Suncoast to US 41 | 14227 | 14217 | 23 | 3 | 32,321 | 20.47 | 9,282.58 | 453.38 | 1.16 | 10,805 |
| SR 54 | Suncoast to US 41 | 14227 | 14246 | 23 | 3 | 32,242 | 20.32 | 14,438.02 | 710.36 | 1.16 | 16,765 |
| SR 54 | Suncoast to US 41 | 14246 | 14227 | 23 | 3 | 32,321 | 20.23 | 14,473.33 | 715.34 | 1.16 | 16,847 |
| SR 54 | Suncoast to US 41 | 14246 | 14257 | 23 | 3 | 28,261 | 25.06 | 11,931.73 | 476.13 | 1.02 | 12,144 |
| SR 54 | Suncoast to US 41 | 14257 | 14246 | 23 | 3 | 28,339 | 24.97 | 11,964.84 | 479.24 | 1.02 | 12,212 |
| SR 54 | Suncoast to US 41 | 14257 | 14268 | 23 | 3 | 28,254 | 25.37 | 7,747.27 | 305.40 | 1.02 | 7,883 |
| SR 54 | Suncoast to US 41 | 14268 | 14257 | 23 | 3 | 28,333 | 25.27 | 7,768.79 | 307.40 | 1.02 | 7,927 |
| SR 54 | Suncoast to US 41 | 14268 | 14285 | 23 | 3 | 26,284 | 27.51 | 24,457.28 | 889.08 | 0.95 | 23,151 |
| SR 54 | Suncoast to US 41 | 14285 | 14268 | 23 | 3 | 26,366 | 27.41 | 24,533.16 | 894.90 | 0.95 | 23,295 |
| SR 54 | Suncoast to US 41 | 14285 | 15330 | 23 | 3 | 28,338 | 25.25 | 9,751.22 | 386.22 | 1.02 | 9,952 |
| SR 54 | Suncoast to US 41 | 14313 | 14316 | 23 | 3 | 30,822 | 22.06 | 14,615.90 | 662.60 | 1.11 | 16,224 |
| SR 54 | Suncoast to US 41 | 14313 | 15330 | 23 | 3 | 27,264 | 26.34 | 15,000.40 | 569.51 | 0.98 | 14,729 |
| SR 54 | Suncoast to US 41 | 14314 | 14316 | 23 | 3 | 34,096 | 18.22 | 18,933.72 | 1,039.12 | 1.23 | 23,250 |
| SR 54 | Suncoast to US 41 | 14314 | 14329 | 23 | 3 | 36,535 | 15.68 | 13,634.78 | 869.74 | 1.32 | 17,940 |
| SR 54 | Suncoast to US 41 | 14316 | 14313 | 23 | 3 | 31,063 | 21.77 | 14,730.25 | 676.63 | 1.12 | 16,479 |
| SR 54 | Suncoast to US 41 | 14316 | 14314 | 23 | 3 | 33,860 | 18.48 | 18,802.59 | 1,017.25 | 1.22 | 22,929 |
| SR 54 | Suncoast to US 41 | 14327 | 14330 | 23 | 3 | 35,414 | 16.69 | 7,993.02 | 479.05 | 1.28 | 10,195 |
| SR 54 | Suncoast to US 41 | 14329 | 14314 | 23 | 3 | 36,760 | 15.45 | 13,718.80 | 887.88 | 1.32 | 18,162 |
| SR 54 | Suncoast to US 41 | 14329 | 14330 | 23 | 3 | 35,496 | 16.78 | 4,724.51 | 281.53 | 1.28 | 6,040 |
| SR 54 | Suncoast to US 41 | 14330 | 14327 | 23 | 3 | 35,186 | 16.93 | 7,941.38 | 469.18 | 1.27 | 10,063 |
| SR 54 | Suncoast to US 41 | 14330 | 14329 | 23 | 3 | 35,726 | 16.54 | 4,755.13 | 287.50 | 1.29 | 6,118 |
| SR 54 | Suncoast to US 41 | 15330 | 14285 | 23 | 3 | 28,401 | 25.17 | 9,772.87 | 388.25 | 1.02 | 9,996 |
| SR 54 | Suncoast to US 41 | 15330 | 14313 | 23 | 3 | 27,545 | 26.01 | 15,155.38 | 582.78 | 0.99 | 15,034 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14121 | 14150 | 43 | 2 | 5,929 | 29.34 | 2,140.87 | 72.97 | 0.39 | 838 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14150 | 14121 | 43 | 2 | 5,902 | 29.35 | 2,131.27 | 72.62 | 0.39 | 830 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14150 | 14241 | 43 | 1 | 6,127 | 22.50 | 11,189.31 | 497.20 | 0.81 | 9,116 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14241 | 14150 | 43 | 1 | 6,141 | 22.46 | 11,215.94 | 499.43 | 0.82 | 9,160 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14241 | 14255 | 43 | 1 | 6,127 | 22.60 | 1,570.29 | 69.47 | 0.81 | 1,279 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14255 | 14241 | 43 | 1 | 6,141 | 22.56 | 1,574.03 | 69.78 | 0.82 | 1,285 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14255 | 14295 | 43 | 1 | 4,427 | 27.05 | 2,586.07 | 95.59 | 0.59 | 1,523 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14295 | 14255 | 43 | 1 | 4,392 | 27.13 | 2,565.44 | 94.57 | 0.58 | 1,498 |

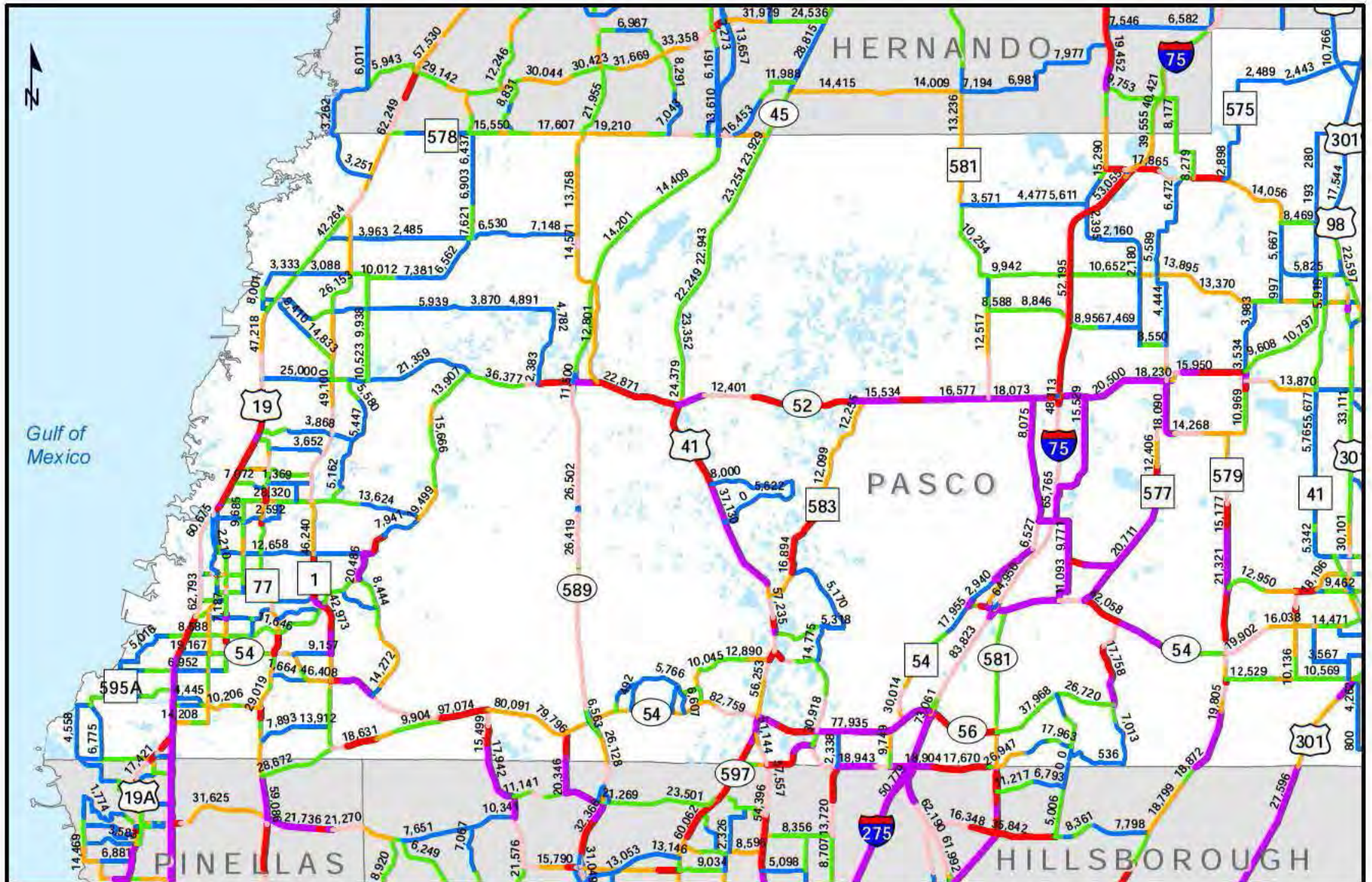
Ridge Road Extension Analysis: Alternative 8 - Add Four Lanes to SR 52

| Name | From - To | A-Node | B-Node | Facility Type | Number of Lanes | Volume | C. Speed | VMT | VHT | VC Ratio LOS-E | VMT*VCE |
|--------------|-----------------------------|--------|--------|---------------|-----------------|--------|----------|-----------|----------|----------------|---------|
| Starkey Blvd | DeCubellis Rd to SR 54 | 14295 | 14297 | 43 | 1 | 3,560 | 28.99 | 523.62 | 18.06 | 0.47 | 248 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14297 | 14295 | 43 | 1 | 3,502 | 29.06 | 515.21 | 17.73 | 0.47 | 240 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14297 | 14336 | 43 | 1 | 3,560 | 28.65 | 2,979.76 | 104.02 | 0.47 | 1,410 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14336 | 14297 | 43 | 1 | 3,502 | 28.72 | 2,931.87 | 102.08 | 0.47 | 1,366 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14336 | 14361 | 41 | 1 | 9,920 | 14.42 | 5,588.05 | 387.42 | 1.21 | 6,742 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14361 | 14336 | 41 | 1 | 9,939 | 14.37 | 5,598.88 | 389.68 | 1.21 | 6,768 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14361 | 14370 | 41 | 1 | 9,920 | 14.53 | 2,005.87 | 138.09 | 1.21 | 2,420 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14370 | 14361 | 41 | 1 | 9,939 | 14.47 | 2,009.75 | 138.89 | 1.21 | 2,429 |
| Suncoast | Ridge Rd Extension to SR 54 | 14213 | 14235 | 92 | 2 | 23,327 | 43.23 | 9,913.78 | 229.31 | 0.76 | 7,541 |
| Suncoast | Ridge Rd Extension to SR 54 | 14217 | 14235 | 71 | 2 | 5,561 | 29.79 | 2,266.24 | 76.06 | 0.17 | 392 |
| Suncoast | Ridge Rd Extension to SR 54 | 14233 | 14210 | 71 | 2 | 5,365 | 29.93 | 2,222.75 | 74.27 | 0.17 | 371 |
| Suncoast | Ridge Rd Extension to SR 54 | 14233 | 14211 | 92 | 2 | 23,515 | 42.45 | 10,073.63 | 237.32 | 0.77 | 7,724 |
| Suncoast | Ridge Rd Extension to SR 54 | 14235 | 14292 | 92 | 2 | 28,888 | 31.02 | 27,715.01 | 893.59 | 1.13 | 31,193 |
| Suncoast | Ridge Rd Extension to SR 54 | 14291 | 14233 | 92 | 2 | 28,880 | 30.98 | 27,701.33 | 894.06 | 1.13 | 31,169 |
| Suncoast | Ridge Rd Extension to SR 54 | 14292 | 14391 | 92 | 2 | 28,888 | 31.07 | 55,782.45 | 1,795.23 | 1.13 | 62,783 |
| Suncoast | Ridge Rd Extension to SR 54 | 14390 | 14291 | 92 | 2 | 28,880 | 31.13 | 55,919.61 | 1,796.17 | 1.13 | 62,920 |
| Suncoast | Ridge Rd Extension to SR 54 | 14391 | 14449 | 92 | 2 | 28,888 | 31.18 | 21,839.22 | 700.38 | 1.13 | 24,580 |
| Suncoast | Ridge Rd Extension to SR 54 | 14449 | 14472 | 92 | 2 | 28,888 | 30.82 | 8,186.82 | 265.66 | 1.13 | 9,214 |
| Suncoast | Ridge Rd Extension to SR 54 | 14451 | 14390 | 92 | 2 | 28,880 | 30.92 | 22,915.98 | 741.02 | 1.13 | 25,785 |
| Suncoast | Ridge Rd Extension to SR 54 | 14471 | 14451 | 92 | 2 | 28,880 | 31.01 | 7,243.01 | 233.58 | 1.13 | 8,150 |
| Suncoast | Ridge Rd Extension to SR 54 | 14472 | 14485 | 92 | 2 | 28,888 | 19.79 | 3,712.09 | 187.57 | 1.13 | 4,178 |
| Suncoast | Ridge Rd Extension to SR 54 | 14484 | 14471 | 92 | 2 | 28,880 | 14.04 | 3,540.64 | 252.11 | 1.13 | 3,984 |
| Suncoast | Ridge Rd Extension to SR 54 | 14485 | 14492 | 99 | 2 | 28,888 | 0.56 | 2,019.26 | 3,582.09 | 0.79 | 1,591 |
| Suncoast | Ridge Rd Extension to SR 54 | 14490 | 14484 | 99 | 2 | 28,880 | 0.57 | 2,036.01 | 3,581.07 | 0.79 | 1,604 |
| Suncoast | Ridge Rd Extension to SR 54 | 14492 | 14501 | 92 | 2 | 28,888 | 15.10 | 4,047.19 | 268.08 | 1.13 | 4,555 |
| Suncoast | Ridge Rd Extension to SR 54 | 14500 | 14490 | 92 | 2 | 28,880 | 20.86 | 4,083.58 | 195.73 | 1.13 | 4,595 |
| Suncoast | Ridge Rd Extension to SR 54 | 14501 | 14510 | 92 | 2 | 28,888 | 31.58 | 7,880.61 | 249.56 | 1.13 | 8,870 |
| Suncoast | Ridge Rd Extension to SR 54 | 14508 | 14500 | 92 | 2 | 28,880 | 30.80 | 7,442.28 | 241.64 | 1.13 | 8,374 |
| Suncoast | Ridge Rd Extension to SR 54 | 14510 | 15304 | 92 | 2 | 28,888 | 31.09 | 27,533.02 | 885.54 | 1.13 | 30,988 |
| Suncoast | Ridge Rd Extension to SR 54 | 14557 | 15303 | 92 | 2 | 28,880 | 30.90 | 8,710.09 | 281.91 | 1.13 | 9,800 |
| Suncoast | Ridge Rd Extension to SR 54 | 15303 | 14508 | 92 | 2 | 28,880 | 31.17 | 28,117.20 | 902.11 | 1.13 | 31,637 |
| Suncoast | Ridge Rd Extension to SR 54 | 15304 | 14558 | 92 | 2 | 28,888 | 31.35 | 8,833.91 | 281.76 | 1.13 | 9,943 |
| Suncoast | SR 52 to Ridge Rd Extension | 14558 | 14645 | 92 | 2 | 28,888 | 31.06 | 59,754.53 | 1,924.03 | 1.13 | 67,254 |
| Suncoast | SR 52 to Ridge Rd Extension | 14644 | 14557 | 92 | 2 | 28,880 | 31.10 | 59,616.20 | 1,916.99 | 1.13 | 67,079 |
| Suncoast | SR 52 to Ridge Rd Extension | 14645 | 14722 | 92 | 2 | 28,888 | 31.15 | 33,105.48 | 1,062.65 | 1.13 | 37,260 |
| Suncoast | SR 52 to Ridge Rd Extension | 14722 | 14748 | 92 | 2 | 10,205 | 48.66 | 3,621.82 | 74.42 | 0.40 | 1,440 |
| Suncoast | SR 52 to Ridge Rd Extension | 14722 | 14752 | 71 | 1 | 18,683 | 17.46 | 7,192.83 | 411.94 | 1.22 | 8,751 |
| Suncoast | SR 52 to Ridge Rd Extension | 14725 | 14644 | 92 | 2 | 28,880 | 30.99 | 34,196.36 | 1,103.48 | 1.13 | 38,477 |
| Suncoast | SR 52 to Ridge Rd Extension | 14747 | 14725 | 92 | 2 | 10,446 | 48.56 | 3,351.15 | 69.01 | 0.41 | 1,364 |
| Suncoast | SR 52 to Ridge Rd Extension | 14749 | 14725 | 71 | 1 | 18,433 | 17.91 | 6,304.22 | 352.05 | 1.20 | 7,568 |
| US 41 | Ridge Rd Extension to SR 54 | 14327 | 14350 | 23 | 3 | 26,859 | 29.47 | 12,868.22 | 436.67 | 0.88 | 11,316 |
| US 41 | Ridge Rd Extension to SR 54 | 14350 | 14327 | 23 | 3 | 26,973 | 29.36 | 12,922.90 | 440.18 | 0.88 | 11,412 |
| US 41 | Ridge Rd Extension to SR 54 | 14350 | 14357 | 23 | 3 | 26,396 | 30.63 | 3,748.23 | 122.38 | 0.86 | 3,239 |
| US 41 | Ridge Rd Extension to SR 54 | 14357 | 14350 | 23 | 3 | 26,527 | 30.50 | 3,766.88 | 123.50 | 0.87 | 3,272 |
| US 41 | Ridge Rd Extension to SR 54 | 14357 | 14388 | 23 | 3 | 28,407 | 27.94 | 15,592.85 | 558.03 | 0.93 | 14,502 |
| US 41 | Ridge Rd Extension to SR 54 | 14388 | 14357 | 23 | 3 | 28,552 | 27.79 | 15,671.94 | 563.86 | 0.93 | 14,650 |
| US 41 | Ridge Rd Extension to SR 54 | 14388 | 14415 | 23 | 3 | 28,407 | 25.16 | 14,297.47 | 568.29 | 1.02 | 14,627 |
| US 41 | Ridge Rd Extension to SR 54 | 14415 | 14388 | 23 | 3 | 28,552 | 24.98 | 14,369.99 | 575.17 | 1.03 | 14,776 |
| US 41 | Ridge Rd Extension to SR 54 | 14415 | 14443 | 23 | 3 | 32,292 | 20.14 | 8,702.69 | 432.12 | 1.16 | 10,121 |
| US 41 | Ridge Rd Extension to SR 54 | 14443 | 14415 | 23 | 3 | 32,317 | 20.11 | 8,709.38 | 433.07 | 1.16 | 10,137 |
| US 41 | Ridge Rd Extension to SR 54 | 14443 | 14491 | 23 | 3 | 28,108 | 25.44 | 15,172.86 | 596.44 | 1.01 | 15,359 |
| US 41 | Ridge Rd Extension to SR 54 | 14491 | 14443 | 23 | 3 | 28,471 | 25.00 | 15,368.49 | 614.69 | 1.03 | 15,758 |
| US 41 | Ridge Rd Extension to SR 54 | 14491 | 14503 | 23 | 3 | 33,338 | 19.09 | 7,160.98 | 375.02 | 1.20 | 8,598 |
| US 41 | Ridge Rd Extension to SR 54 | 14503 | 14491 | 23 | 3 | 33,351 | 19.08 | 7,163.84 | 375.47 | 1.20 | 8,605 |
| US 41 | Ridge Rd Extension to SR 54 | 14503 | 14509 | 23 | 3 | 30,614 | 22.49 | 6,829.90 | 303.67 | 1.10 | 7,530 |
| US 41 | Ridge Rd Extension to SR 54 | 14509 | 14503 | 23 | 3 | 30,604 | 22.50 | 6,827.74 | 303.42 | 1.10 | 7,525 |
| US 41 | Ridge Rd Extension to SR 54 | 14509 | 14531 | 23 | 3 | 28,651 | 24.79 | 17,838.04 | 719.45 | 1.03 | 18,406 |
| US 41 | Ridge Rd Extension to SR 54 | 14531 | 14509 | 23 | 3 | 28,633 | 24.82 | 17,827.19 | 718.40 | 1.03 | 18,384 |
| US 41 | Ridge Rd Extension to SR 54 | 14531 | 14541 | 23 | 3 | 25,200 | 28.52 | 9,182.82 | 321.94 | 0.91 | 8,334 |
| US 41 | Ridge Rd Extension to SR 54 | 14541 | 14531 | 23 | 3 | 25,277 | 28.44 | 9,210.83 | 323.89 | 0.91 | 8,385 |
| US 41 | Ridge Rd Extension to SR 54 | 14541 | 14550 | 23 | 2 | 24,923 | 14.90 | 11,240.31 | 754.37 | 1.35 | 15,134 |

Ridge Road Extension Analysis: Alternative 8 - Add Four Lanes to SR 52

| Name | From - To | A-Node | B-Node | Facility Type | Number of Lanes | Volume | C. Speed | VMT | VHT | VC Ratio LOS-E | VMT*VCE |
|----------------|-----------------------------|--------|--------|---------------|-----------------|--------|----------|-----------|----------|----------------|-----------|
| US 41 | Ridge Rd Extension to SR 54 | 14550 | 14541 | 23 | 2 | 25,002 | 14.79 | 11,275.93 | 762.63 | 1.35 | 15,230 |
| US 41 | Ridge Rd Extension to SR 54 | 14550 | 14552 | 23 | 2 | 24,923 | 14.77 | 6,118.62 | 414.37 | 1.35 | 8,238 |
| US 41 | Ridge Rd Extension to SR 54 | 14552 | 14550 | 23 | 2 | 25,002 | 14.65 | 6,138.00 | 418.91 | 1.35 | 8,290 |
| US 41 | Ridge Rd Extension to SR 54 | 14552 | 14559 | 23 | 2 | 24,641 | 15.17 | 8,062.50 | 531.43 | 1.33 | 10,732 |
| US 41 | Ridge Rd Extension to SR 54 | 14559 | 14552 | 23 | 2 | 24,746 | 15.02 | 8,096.85 | 539.16 | 1.34 | 10,824 |
| US 41 | Ridge Rd Extension to SR 54 | 14559 | 14565 | 23 | 2 | 23,742 | 3.96 | 6,968.17 | 1,760.70 | 1.94 | 13,496 |
| US 41 | Ridge Rd Extension to SR 54 | 14565 | 14559 | 23 | 2 | 23,841 | 3.90 | 6,997.22 | 1,793.83 | 1.94 | 13,609 |
| US 41 | Ridge Rd Extension to SR 54 | 14565 | 14578 | 23 | 2 | 21,557 | 5.50 | 14,546.36 | 2,644.52 | 1.76 | 25,581 |
| US 41 | Ridge Rd Extension to SR 54 | 14578 | 14565 | 23 | 2 | 21,629 | 5.44 | 14,595.48 | 2,682.97 | 1.76 | 25,754 |
| US 41 | Ridge Rd Extension to SR 54 | 14578 | 14630 | 23 | 2 | 18,884 | 8.30 | 21,575.00 | 2,599.20 | 1.54 | 33,238 |
| US 41 | Ridge Rd Extension to SR 54 | 14630 | 14578 | 23 | 2 | 18,939 | 8.23 | 21,637.62 | 2,628.86 | 1.55 | 33,431 |
| US 41 | Ridge Rd Extension to SR 54 | 14630 | 14636 | 23 | 2 | 17,616 | 10.12 | 3,590.12 | 354.92 | 1.44 | 5,159 |
| US 41 | Ridge Rd Extension to SR 54 | 14636 | 14630 | 23 | 2 | 17,675 | 10.03 | 3,602.10 | 359.30 | 1.44 | 5,194 |
| US 41 | SR 52 to Ridge Rd Extension | 14636 | 14662 | 31 | 1 | 19,287 | 21.01 | 9,458.17 | 450.23 | 1.21 | 11,401 |
| US 41 | SR 52 to Ridge Rd Extension | 14662 | 14636 | 31 | 1 | 19,393 | 20.78 | 9,510.38 | 457.75 | 1.21 | 11,527 |
| US 41 | SR 52 to Ridge Rd Extension | 14662 | 14671 | 31 | 1 | 18,329 | 23.48 | 2,736.49 | 116.52 | 1.15 | 3,135 |
| US 41 | SR 52 to Ridge Rd Extension | 14671 | 14662 | 31 | 1 | 18,454 | 23.20 | 2,755.22 | 118.78 | 1.15 | 3,178 |
| US 41 | SR 52 to Ridge Rd Extension | 14671 | 14676 | 31 | 1 | 18,353 | 22.84 | 2,925.48 | 128.09 | 1.15 | 3,356 |
| US 41 | SR 52 to Ridge Rd Extension | 14676 | 14671 | 31 | 1 | 18,472 | 22.57 | 2,944.52 | 130.46 | 1.15 | 3,400 |
| US 41 | SR 52 to Ridge Rd Extension | 14676 | 14687 | 31 | 1 | 18,353 | 23.21 | 4,911.27 | 211.63 | 1.15 | 5,634 |
| US 41 | SR 52 to Ridge Rd Extension | 14687 | 14676 | 31 | 1 | 18,472 | 22.93 | 4,943.24 | 215.54 | 1.15 | 5,707 |
| US 41 | SR 52 to Ridge Rd Extension | 14687 | 14692 | 31 | 1 | 18,284 | 23.48 | 2,199.54 | 93.68 | 1.14 | 2,513 |
| US 41 | SR 52 to Ridge Rd Extension | 14692 | 14687 | 31 | 1 | 18,395 | 23.22 | 2,212.95 | 95.29 | 1.15 | 2,544 |
| US 41 | SR 52 to Ridge Rd Extension | 14692 | 14701 | 31 | 1 | 18,284 | 22.87 | 3,150.29 | 137.77 | 1.14 | 3,600 |
| US 41 | SR 52 to Ridge Rd Extension | 14701 | 14692 | 31 | 1 | 18,395 | 22.62 | 3,169.50 | 140.13 | 1.15 | 3,644 |
| US 41 | SR 52 to Ridge Rd Extension | 14701 | 14717 | 31 | 1 | 18,284 | 23.32 | 8,353.85 | 358.20 | 1.14 | 9,546 |
| US 41 | SR 52 to Ridge Rd Extension | 14717 | 14701 | 31 | 1 | 18,395 | 23.07 | 8,404.78 | 364.35 | 1.15 | 9,663 |
| US 41 | SR 52 to Ridge Rd Extension | 14717 | 14781 | 31 | 1 | 17,785 | 24.45 | 14,616.04 | 597.84 | 1.11 | 16,247 |
| US 41 | SR 52 to Ridge Rd Extension | 14781 | 14717 | 31 | 1 | 17,902 | 24.18 | 14,711.72 | 608.44 | 1.12 | 16,460 |
| Totals: | | | | | | | | 2,228,427 | 112,115 | | 2,388,501 |

Avg. Speed: 19.88 Weighted VC Ratio: 1.072



**Tindale
Oliver**

Legend

- V/C Ratio (LOS E) — >0.5-0.8 — >0.95-1.05 — >1.2
— < 0.5 — >0.8-0.95 — >1.05-1.2



Alternative 9
 Ridge Road Extension Analysis - TBRPM Model
 Peak Season Daily Traffic Volume (Two-way)
 and V/C Ratio by Roadway Segment

Ridge Road Extension Analysis: Alternative 9 - Add Four Lanes to SR 54

| Name | From - To | A-Node | B-Node | Facility Type | Number of Lanes | Volume | C. Speed | VMT | VHT | VC Ratio LOS-E | VMT*VCE |
|---------------|------------------------------|--------|--------|---------------|-----------------|--------|----------|-----------|----------|----------------|---------|
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14370 | 14373 | 41 | 1 | 11,142 | 11.40 | 2,209.56 | 193.85 | 1.36 | 2,994 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14373 | 14370 | 41 | 1 | 11,134 | 11.42 | 2,207.83 | 193.35 | 1.35 | 2,990 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14373 | 14381 | 41 | 1 | 11,142 | 11.17 | 1,608.98 | 144.01 | 1.36 | 2,180 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14381 | 14373 | 41 | 1 | 11,134 | 11.19 | 1,607.72 | 143.63 | 1.35 | 2,177 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14381 | 14407 | 41 | 1 | 8,880 | 17.68 | 4,811.28 | 272.17 | 1.08 | 5,196 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14407 | 14381 | 41 | 1 | 8,888 | 17.65 | 4,815.48 | 272.81 | 1.08 | 5,205 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14407 | 14439 | 41 | 1 | 3,971 | 31.83 | 2,663.02 | 83.66 | 0.48 | 1,286 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14439 | 14407 | 41 | 1 | 3,970 | 31.83 | 2,662.87 | 83.66 | 0.48 | 1,286 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14439 | 14470 | 41 | 2 | 8,088 | 32.04 | 4,182.23 | 130.52 | 0.48 | 2,008 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14470 | 14439 | 41 | 2 | 8,114 | 32.02 | 4,195.55 | 131.01 | 0.48 | 2,021 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14470 | 14528 | 32 | 1 | 9,720 | 23.80 | 11,050.63 | 464.32 | 0.92 | 10,197 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14528 | 14470 | 32 | 1 | 9,779 | 23.63 | 11,117.82 | 470.56 | 0.93 | 10,322 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14528 | 14551 | 32 | 1 | 6,678 | 31.73 | 4,263.52 | 134.37 | 0.63 | 2,703 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14551 | 14528 | 32 | 1 | 6,751 | 31.58 | 4,310.01 | 136.48 | 0.64 | 2,762 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14551 | 14568 | 32 | 1 | 7,793 | 28.93 | 4,188.09 | 144.76 | 0.74 | 3,099 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14568 | 14551 | 32 | 1 | 7,873 | 28.73 | 4,230.77 | 147.26 | 0.75 | 3,162 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14568 | 14585 | 32 | 1 | 7,793 | 29.09 | 4,913.64 | 168.89 | 0.74 | 3,635 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14585 | 14568 | 32 | 1 | 7,873 | 28.89 | 4,963.72 | 171.80 | 0.75 | 3,710 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14585 | 14623 | 32 | 1 | 8,659 | 26.82 | 5,255.98 | 195.99 | 0.82 | 4,321 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14623 | 14585 | 32 | 1 | 8,738 | 26.60 | 5,303.97 | 199.42 | 0.83 | 4,400 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14623 | 14700 | 32 | 1 | 6,904 | 31.16 | 9,160.17 | 293.99 | 0.66 | 6,004 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14700 | 14623 | 32 | 1 | 7,002 | 30.95 | 9,289.64 | 300.18 | 0.66 | 6,175 |
| SR 52 | Moon Lake to Suncoast | 14691 | 14693 | 23 | 3 | 18,139 | 34.78 | 6,967.22 | 200.34 | 0.65 | 4,551 |
| SR 52 | Moon Lake to Suncoast | 14691 | 14713 | 23 | 3 | 18,238 | 34.92 | 17,787.18 | 509.40 | 0.66 | 11,683 |
| SR 52 | Moon Lake to Suncoast | 14693 | 14691 | 23 | 3 | 18,238 | 34.72 | 7,005.08 | 201.78 | 0.66 | 4,601 |
| SR 52 | Moon Lake to Suncoast | 14693 | 14694 | 23 | 3 | 18,244 | 35.06 | 4,872.92 | 138.99 | 0.66 | 3,202 |
| SR 52 | Moon Lake to Suncoast | 14694 | 14693 | 23 | 3 | 18,331 | 35.00 | 4,896.23 | 139.87 | 0.66 | 3,232 |
| SR 52 | Moon Lake to Suncoast | 14694 | 14700 | 23 | 3 | 17,382 | 35.44 | 2,643.85 | 74.59 | 0.63 | 1,655 |
| SR 52 | Moon Lake to Suncoast | 14700 | 14694 | 23 | 3 | 17,444 | 35.41 | 2,653.24 | 74.93 | 0.63 | 1,667 |
| SR 52 | Moon Lake to Suncoast | 14713 | 14691 | 23 | 3 | 18,139 | 34.98 | 17,691.05 | 505.77 | 0.65 | 11,557 |
| SR 52 | Moon Lake to Suncoast | 14713 | 14718 | 23 | 3 | 18,238 | 21.05 | 4,014.11 | 190.68 | 0.99 | 3,982 |
| SR 52 | Moon Lake to Suncoast | 14718 | 14713 | 23 | 3 | 18,139 | 21.19 | 3,992.41 | 188.37 | 0.99 | 3,939 |
| SR 52 | Moon Lake to Suncoast | 14718 | 14723 | 23 | 3 | 18,238 | 21.14 | 2,343.54 | 110.86 | 0.99 | 2,325 |
| SR 52 | Moon Lake to Suncoast | 14723 | 14718 | 23 | 3 | 18,136 | 21.29 | 2,330.49 | 109.48 | 0.99 | 2,299 |
| SR 52 | Moon Lake to Suncoast | 14723 | 14727 | 23 | 3 | 19,409 | 19.18 | 1,872.94 | 97.64 | 1.06 | 1,977 |
| SR 52 | Moon Lake to Suncoast | 14727 | 14723 | 23 | 3 | 19,300 | 19.34 | 1,862.40 | 96.28 | 1.05 | 1,955 |
| SR 52 | Moon Lake to Suncoast | 14727 | 14734 | 23 | 3 | 19,409 | 19.12 | 6,484.45 | 339.16 | 1.06 | 6,845 |
| SR 52 | Moon Lake to Suncoast | 14734 | 14727 | 23 | 3 | 19,300 | 19.28 | 6,447.97 | 334.46 | 1.05 | 6,768 |
| SR 52 | Moon Lake to Suncoast | 14734 | 14738 | 23 | 3 | 20,394 | 17.81 | 3,742.34 | 210.17 | 1.11 | 4,151 |
| SR 52 | Moon Lake to Suncoast | 14738 | 14734 | 23 | 3 | 20,248 | 18.02 | 3,715.47 | 206.18 | 1.10 | 4,092 |
| SR 52 | Moon Lake to Suncoast | 14738 | 14749 | 23 | 3 | 20,483 | 17.48 | 7,331.00 | 419.38 | 1.11 | 8,167 |
| SR 52 | Moon Lake to Suncoast | 14749 | 14738 | 23 | 3 | 20,349 | 17.67 | 7,282.89 | 412.05 | 1.11 | 8,060 |
| SR 52 | Moon Lake to Suncoast | 14749 | 14752 | 23 | 3 | 12,045 | 27.54 | 1,322.57 | 48.02 | 0.66 | 866 |
| SR 52 | Moon Lake to Suncoast | 14752 | 14749 | 23 | 3 | 24,004 | 12.60 | 2,635.61 | 209.21 | 1.31 | 3,441 |
| SR 52 | Suncoast to US 41 | 14752 | 14757 | 32 | 1 | 16,112 | 8.79 | 1,616.05 | 183.92 | 1.53 | 2,472 |
| SR 52 | Suncoast to US 41 | 14757 | 14752 | 32 | 1 | 15,853 | 9.17 | 1,590.03 | 173.45 | 1.51 | 2,393 |
| SR 52 | Suncoast to US 41 | 14757 | 14767 | 32 | 1 | 14,980 | 10.80 | 7,489.89 | 693.57 | 1.42 | 10,652 |
| SR 52 | Suncoast to US 41 | 14762 | 14765 | 32 | 1 | 12,263 | 16.67 | 1,548.82 | 92.93 | 1.16 | 1,803 |
| SR 52 | Suncoast to US 41 | 14762 | 14767 | 32 | 1 | 11,365 | 19.05 | 13,389.23 | 702.72 | 1.08 | 14,447 |
| SR 52 | Suncoast to US 41 | 14765 | 14762 | 32 | 1 | 12,114 | 17.05 | 1,529.99 | 89.72 | 1.15 | 1,760 |
| SR 52 | Suncoast to US 41 | 14765 | 14773 | 32 | 1 | 12,387 | 16.22 | 2,808.22 | 173.14 | 1.18 | 3,303 |
| SR 52 | Suncoast to US 41 | 14767 | 14757 | 32 | 1 | 14,737 | 11.24 | 7,368.49 | 655.73 | 1.40 | 10,309 |
| SR 52 | Suncoast to US 41 | 14767 | 14762 | 32 | 1 | 11,506 | 18.66 | 13,555.47 | 726.25 | 1.09 | 14,807 |
| SR 52 | Suncoast to US 41 | 14773 | 14765 | 32 | 1 | 12,243 | 16.58 | 2,775.55 | 167.37 | 1.16 | 3,226 |
| SR 52 | Suncoast to US 41 | 14773 | 14774 | 32 | 1 | 11,912 | 17.62 | 5,814.14 | 330.04 | 1.13 | 6,575 |
| SR 52 | Suncoast to US 41 | 14774 | 14773 | 32 | 1 | 11,762 | 18.02 | 5,741.27 | 318.68 | 1.12 | 6,411 |
| SR 52 | Suncoast to US 41 | 14774 | 14781 | 32 | 1 | 11,166 | 19.56 | 4,888.64 | 249.89 | 1.06 | 5,182 |
| SR 52 | Suncoast to US 41 | 14781 | 14774 | 32 | 1 | 11,027 | 19.95 | 4,827.71 | 241.94 | 1.05 | 5,054 |
| SR 54 | Starkey to Suncoast | 14107 | 14109 | 23 | 5 | 40,611 | 27.26 | 36,297.88 | 1,331.54 | 0.96 | 34,684 |
| SR 54 | Starkey to Suncoast | 14107 | 14114 | 23 | 5 | 41,412 | 26.55 | 30,081.52 | 1,132.93 | 0.97 | 29,311 |
| SR 54 | Starkey to Suncoast | 14109 | 14107 | 23 | 5 | 40,635 | 27.24 | 36,319.77 | 1,333.26 | 0.96 | 34,726 |

Ridge Road Extension Analysis: Alternative 9 - Add Four Lanes to SR 54

| Name | From - To | A-Node | B-Node | Facility Type | Number of Lanes | Volume | C. Speed | VMT | VHT | VC Ratio LOS-E | VMT*VCE |
|--------------|------------------------|--------|--------|---------------|-----------------|--------|----------|-----------|----------|----------------|---------|
| SR 54 | Starkey to Suncoast | 14109 | 14118 | 23 | 5 | 40,645 | 27.39 | 12,437.26 | 454.10 | 0.96 | 11,894 |
| SR 54 | Starkey to Suncoast | 14114 | 14107 | 23 | 5 | 41,288 | 26.65 | 29,991.46 | 1,125.50 | 0.97 | 29,136 |
| SR 54 | Starkey to Suncoast | 14114 | 14121 | 23 | 5 | 41,412 | 26.40 | 6,240.76 | 236.44 | 0.97 | 6,081 |
| SR 54 | Starkey to Suncoast | 14118 | 14109 | 23 | 5 | 40,665 | 27.37 | 12,443.54 | 454.59 | 0.96 | 11,906 |
| SR 54 | Starkey to Suncoast | 14118 | 14120 | 23 | 5 | 40,645 | 26.64 | 4,787.94 | 179.75 | 0.96 | 4,579 |
| SR 54 | Starkey to Suncoast | 14120 | 14118 | 23 | 5 | 40,665 | 26.62 | 4,790.35 | 179.94 | 0.96 | 4,584 |
| SR 54 | Starkey to Suncoast | 14120 | 14124 | 23 | 5 | 45,102 | 23.58 | 4,825.96 | 204.63 | 1.06 | 5,121 |
| SR 54 | Starkey to Suncoast | 14121 | 14114 | 23 | 5 | 41,288 | 26.49 | 6,222.07 | 234.89 | 0.97 | 6,045 |
| SR 54 | Starkey to Suncoast | 14124 | 14120 | 23 | 5 | 45,192 | 23.51 | 4,835.59 | 205.66 | 1.06 | 5,142 |
| SR 54 | Starkey to Suncoast | 14124 | 14151 | 23 | 5 | 48,530 | 20.97 | 35,533.67 | 1,694.47 | 1.14 | 40,575 |
| SR 54 | Starkey to Suncoast | 14151 | 14124 | 23 | 5 | 48,544 | 20.96 | 35,544.06 | 1,695.85 | 1.14 | 40,599 |
| SR 54 | Starkey to Suncoast | 14151 | 14163 | 23 | 5 | 47,844 | 21.79 | 15,300.64 | 702.28 | 1.13 | 17,225 |
| SR 54 | Starkey to Suncoast | 14163 | 14151 | 23 | 5 | 47,893 | 21.75 | 15,316.05 | 704.21 | 1.13 | 17,259 |
| SR 54 | Starkey to Suncoast | 14163 | 14167 | 23 | 5 | 47,328 | 22.31 | 9,129.65 | 409.17 | 1.11 | 10,167 |
| SR 54 | Starkey to Suncoast | 14167 | 14163 | 23 | 5 | 47,421 | 22.24 | 9,147.42 | 411.32 | 1.12 | 10,207 |
| SR 54 | Starkey to Suncoast | 14167 | 14172 | 23 | 5 | 40,432 | 27.26 | 18,109.50 | 664.24 | 0.95 | 17,228 |
| SR 54 | Starkey to Suncoast | 14172 | 14167 | 23 | 5 | 40,036 | 27.56 | 17,932.02 | 650.62 | 0.94 | 16,892 |
| SR 54 | Starkey to Suncoast | 14172 | 14177 | 23 | 5 | 40,214 | 27.48 | 18,048.08 | 656.70 | 0.95 | 17,077 |
| SR 54 | Starkey to Suncoast | 14174 | 14181 | 23 | 5 | 39,716 | 27.91 | 40,252.58 | 1,442.03 | 0.93 | 37,616 |
| SR 54 | Starkey to Suncoast | 14174 | 14199 | 23 | 5 | 36,946 | 29.87 | 18,229.27 | 610.34 | 0.87 | 15,847 |
| SR 54 | Starkey to Suncoast | 14177 | 14172 | 23 | 5 | 39,877 | 27.74 | 17,896.93 | 645.27 | 0.94 | 16,793 |
| SR 54 | Starkey to Suncoast | 14177 | 14181 | 23 | 5 | 39,709 | 27.79 | 21,530.09 | 774.78 | 0.93 | 20,116 |
| SR 54 | Starkey to Suncoast | 14181 | 14174 | 23 | 5 | 40,079 | 27.64 | 40,620.21 | 1,469.51 | 0.94 | 38,306 |
| SR 54 | Starkey to Suncoast | 14181 | 14177 | 23 | 5 | 39,370 | 28.04 | 21,346.43 | 761.30 | 0.93 | 19,774 |
| SR 54 | Starkey to Suncoast | 14199 | 14174 | 23 | 5 | 37,219 | 29.68 | 18,363.97 | 618.77 | 0.88 | 16,082 |
| SR 54 | Starkey to Suncoast | 14199 | 14210 | 23 | 5 | 37,803 | 29.51 | 7,957.50 | 269.61 | 0.89 | 7,078 |
| SR 54 | Starkey to Suncoast | 14210 | 14199 | 23 | 5 | 38,095 | 29.30 | 8,019.06 | 273.65 | 0.90 | 7,188 |
| SR 54 | Starkey to Suncoast | 14210 | 14217 | 23 | 5 | 38,904 | 28.81 | 4,481.76 | 155.56 | 0.92 | 4,103 |
| SR 54 | Starkey to Suncoast | 14217 | 14210 | 23 | 5 | 38,544 | 29.08 | 4,440.26 | 152.72 | 0.91 | 4,027 |
| SR 54 | Suncoast to US 41 | 14217 | 14227 | 23 | 5 | 39,607 | 28.21 | 11,375.15 | 403.28 | 0.93 | 10,601 |
| SR 54 | Suncoast to US 41 | 14227 | 14217 | 23 | 5 | 39,538 | 28.26 | 11,355.44 | 401.84 | 0.93 | 10,564 |
| SR 54 | Suncoast to US 41 | 14227 | 14246 | 23 | 5 | 39,607 | 27.87 | 17,736.05 | 636.28 | 0.93 | 16,529 |
| SR 54 | Suncoast to US 41 | 14246 | 14227 | 23 | 5 | 39,538 | 27.93 | 17,705.32 | 634.02 | 0.93 | 16,472 |
| SR 54 | Suncoast to US 41 | 14246 | 14257 | 23 | 5 | 37,473 | 29.39 | 15,821.16 | 538.35 | 0.88 | 13,950 |
| SR 54 | Suncoast to US 41 | 14257 | 14246 | 23 | 5 | 37,431 | 29.42 | 15,803.28 | 537.20 | 0.88 | 13,918 |
| SR 54 | Suncoast to US 41 | 14257 | 14268 | 23 | 5 | 37,456 | 29.75 | 10,270.40 | 345.21 | 0.88 | 9,051 |
| SR 54 | Suncoast to US 41 | 14268 | 14257 | 23 | 5 | 37,413 | 29.78 | 10,258.71 | 344.47 | 0.88 | 9,031 |
| SR 54 | Suncoast to US 41 | 14268 | 14285 | 23 | 5 | 35,464 | 30.88 | 32,999.44 | 1,068.59 | 0.83 | 27,536 |
| SR 54 | Suncoast to US 41 | 14285 | 14268 | 23 | 5 | 35,435 | 30.90 | 32,972.64 | 1,067.07 | 0.83 | 27,492 |
| SR 54 | Suncoast to US 41 | 14285 | 15330 | 23 | 5 | 37,699 | 29.56 | 12,972.36 | 438.88 | 0.89 | 11,507 |
| SR 54 | Suncoast to US 41 | 14313 | 14316 | 23 | 5 | 38,020 | 29.10 | 18,028.92 | 619.54 | 0.89 | 16,128 |
| SR 54 | Suncoast to US 41 | 14313 | 15330 | 23 | 5 | 35,452 | 30.86 | 19,505.51 | 632.04 | 0.83 | 16,271 |
| SR 54 | Suncoast to US 41 | 14314 | 14316 | 23 | 5 | 41,399 | 26.54 | 22,989.03 | 866.36 | 0.97 | 22,394 |
| SR 54 | Suncoast to US 41 | 14314 | 14329 | 23 | 5 | 44,009 | 24.56 | 16,424.01 | 668.62 | 1.04 | 17,007 |
| SR 54 | Suncoast to US 41 | 14316 | 14313 | 23 | 5 | 38,064 | 29.07 | 18,050.14 | 620.95 | 0.90 | 16,166 |
| SR 54 | Suncoast to US 41 | 14316 | 14314 | 23 | 5 | 41,360 | 26.57 | 22,966.95 | 864.54 | 0.97 | 22,351 |
| SR 54 | Suncoast to US 41 | 14327 | 14330 | 23 | 5 | 42,578 | 25.46 | 9,609.78 | 377.46 | 1.00 | 9,627 |
| SR 54 | Suncoast to US 41 | 14329 | 14314 | 23 | 5 | 44,039 | 24.54 | 16,435.19 | 669.72 | 1.04 | 17,030 |
| SR 54 | Suncoast to US 41 | 14329 | 14330 | 23 | 5 | 42,895 | 25.49 | 5,709.32 | 223.99 | 1.01 | 5,762 |
| SR 54 | Suncoast to US 41 | 14330 | 14327 | 23 | 5 | 42,548 | 25.48 | 9,603.14 | 376.87 | 1.00 | 9,614 |
| SR 54 | Suncoast to US 41 | 14330 | 14329 | 23 | 5 | 42,928 | 25.46 | 5,713.67 | 224.38 | 1.01 | 5,771 |
| SR 54 | Suncoast to US 41 | 15330 | 14285 | 23 | 5 | 37,628 | 29.61 | 12,947.68 | 437.29 | 0.89 | 11,463 |
| SR 54 | Suncoast to US 41 | 15330 | 14313 | 23 | 5 | 36,899 | 29.89 | 20,301.65 | 679.15 | 0.87 | 17,626 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14121 | 14150 | 43 | 2 | 7,425 | 28.48 | 2,681.19 | 94.13 | 0.49 | 1,314 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14150 | 14121 | 43 | 2 | 7,314 | 28.56 | 2,641.07 | 92.47 | 0.48 | 1,275 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14150 | 14241 | 43 | 1 | 7,115 | 19.20 | 12,993.71 | 676.78 | 0.95 | 12,293 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14241 | 14150 | 43 | 1 | 7,157 | 19.05 | 13,071.43 | 686.01 | 0.95 | 12,441 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14241 | 14255 | 43 | 1 | 7,115 | 19.28 | 1,823.52 | 94.56 | 0.95 | 1,725 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14255 | 14241 | 43 | 1 | 7,157 | 19.14 | 1,834.42 | 95.85 | 0.95 | 1,746 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14255 | 14295 | 43 | 1 | 5,205 | 25.20 | 3,040.22 | 120.66 | 0.69 | 2,104 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14295 | 14255 | 43 | 1 | 5,217 | 25.16 | 3,047.32 | 121.10 | 0.69 | 2,114 |

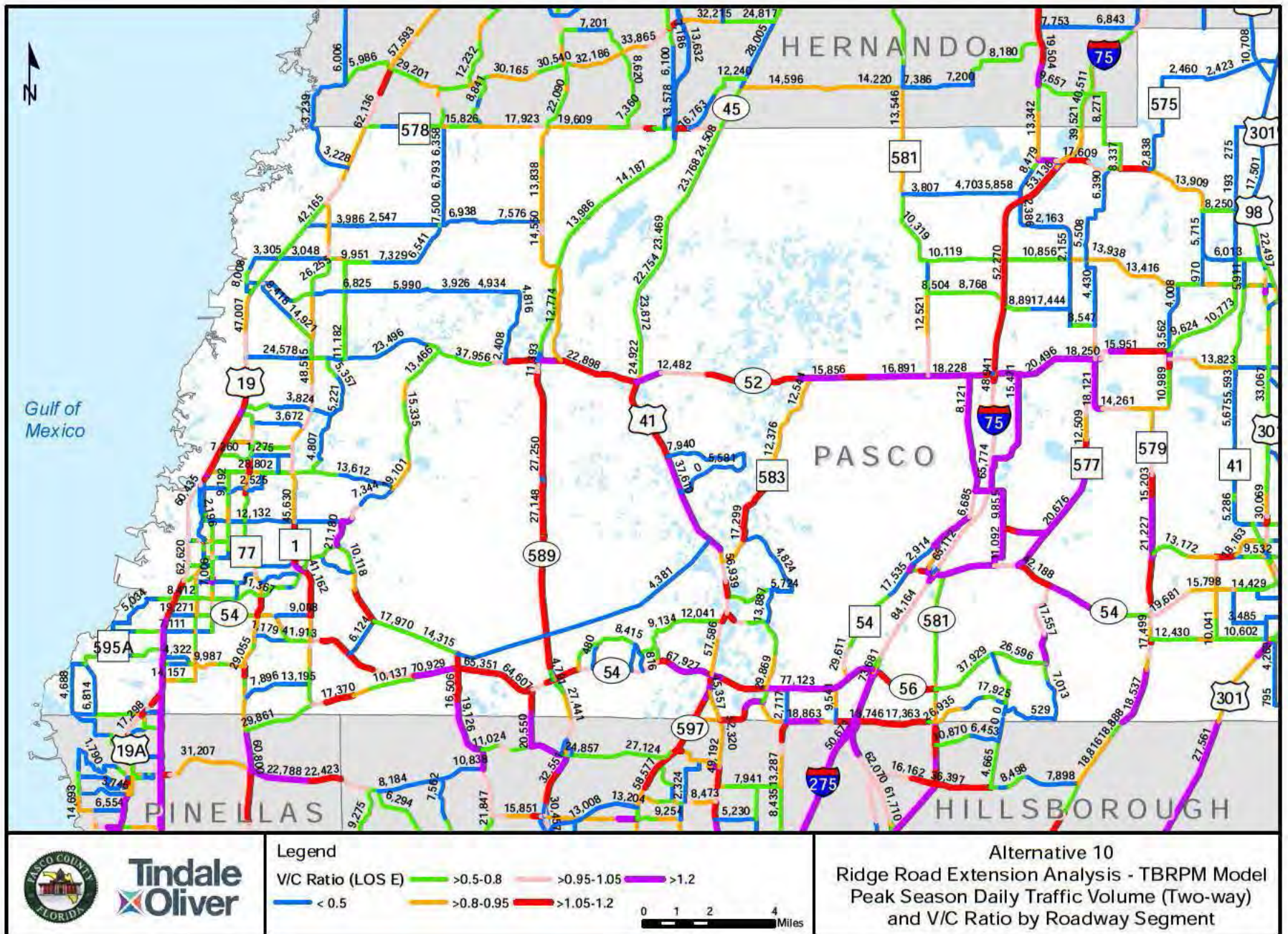
Ridge Road Extension Analysis: Alternative 9 - Add Four Lanes to SR 54

| Name | From - To | A-Node | B-Node | Facility Type | Number of Lanes | Volume | C. Speed | VMT | VHT | VC Ratio LOS-E | VMT*VCE |
|--------------|-----------------------------|--------|--------|---------------|-----------------|--------|----------|-----------|----------|----------------|---------|
| Starkey Blvd | DeCubellis Rd to SR 54 | 14295 | 14297 | 43 | 1 | 4,222 | 27.90 | 621.01 | 22.26 | 0.56 | 349 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14297 | 14295 | 43 | 1 | 4,223 | 27.90 | 621.15 | 22.26 | 0.56 | 349 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14297 | 14336 | 43 | 1 | 4,222 | 27.57 | 3,533.96 | 128.16 | 0.56 | 1,984 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14336 | 14297 | 43 | 1 | 4,223 | 27.57 | 3,534.77 | 128.20 | 0.56 | 1,985 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14336 | 14361 | 41 | 1 | 10,235 | 13.53 | 5,765.57 | 426.04 | 1.24 | 7,177 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14361 | 14336 | 41 | 1 | 10,250 | 13.49 | 5,773.99 | 427.96 | 1.25 | 7,198 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14361 | 14370 | 41 | 1 | 10,235 | 13.63 | 2,069.59 | 151.85 | 1.24 | 2,576 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14370 | 14361 | 41 | 1 | 10,250 | 13.59 | 2,072.61 | 152.54 | 1.25 | 2,584 |
| Suncoast | Ridge Rd Extension to SR 54 | 14213 | 14235 | 92 | 2 | 19,805 | 46.23 | 8,417.29 | 182.08 | 0.65 | 5,436 |
| Suncoast | Ridge Rd Extension to SR 54 | 14217 | 14235 | 71 | 2 | 6,614 | 29.77 | 2,695.22 | 90.52 | 0.21 | 555 |
| Suncoast | Ridge Rd Extension to SR 54 | 14233 | 14210 | 71 | 2 | 6,563 | 29.91 | 2,719.13 | 90.92 | 0.20 | 556 |
| Suncoast | Ridge Rd Extension to SR 54 | 14233 | 14211 | 92 | 2 | 19,939 | 45.46 | 8,541.94 | 187.90 | 0.65 | 5,554 |
| Suncoast | Ridge Rd Extension to SR 54 | 14235 | 14292 | 92 | 2 | 26,419 | 33.36 | 25,346.81 | 759.86 | 1.03 | 26,090 |
| Suncoast | Ridge Rd Extension to SR 54 | 14291 | 14233 | 92 | 2 | 26,502 | 33.24 | 25,421.06 | 764.86 | 1.03 | 26,249 |
| Suncoast | Ridge Rd Extension to SR 54 | 14292 | 14391 | 92 | 2 | 26,419 | 33.42 | 51,015.94 | 1,526.57 | 1.03 | 52,512 |
| Suncoast | Ridge Rd Extension to SR 54 | 14390 | 14291 | 92 | 2 | 26,502 | 33.40 | 51,316.52 | 1,536.62 | 1.03 | 52,987 |
| Suncoast | Ridge Rd Extension to SR 54 | 14391 | 14449 | 92 | 2 | 26,419 | 33.54 | 19,973.10 | 595.57 | 1.03 | 20,559 |
| Suncoast | Ridge Rd Extension to SR 54 | 14449 | 14472 | 92 | 2 | 26,419 | 33.14 | 7,487.27 | 225.90 | 1.03 | 7,707 |
| Suncoast | Ridge Rd Extension to SR 54 | 14451 | 14390 | 92 | 2 | 26,502 | 33.17 | 21,029.62 | 633.94 | 1.03 | 21,714 |
| Suncoast | Ridge Rd Extension to SR 54 | 14471 | 14451 | 92 | 2 | 26,502 | 33.26 | 6,646.79 | 199.83 | 1.03 | 6,863 |
| Suncoast | Ridge Rd Extension to SR 54 | 14472 | 14485 | 92 | 2 | 26,419 | 21.28 | 3,394.90 | 159.50 | 1.03 | 3,494 |
| Suncoast | Ridge Rd Extension to SR 54 | 14484 | 14471 | 92 | 2 | 26,502 | 15.07 | 3,249.19 | 215.68 | 1.03 | 3,355 |
| Suncoast | Ridge Rd Extension to SR 54 | 14485 | 14492 | 99 | 2 | 26,419 | 0.56 | 1,846.72 | 3,276.01 | 0.72 | 1,331 |
| Suncoast | Ridge Rd Extension to SR 54 | 14490 | 14484 | 99 | 2 | 26,502 | 0.57 | 1,868.42 | 3,286.29 | 0.72 | 1,350 |
| Suncoast | Ridge Rd Extension to SR 54 | 14492 | 14501 | 92 | 2 | 26,419 | 16.24 | 3,701.36 | 227.96 | 1.03 | 3,810 |
| Suncoast | Ridge Rd Extension to SR 54 | 14500 | 14490 | 92 | 2 | 26,502 | 22.38 | 3,747.43 | 167.44 | 1.03 | 3,869 |
| Suncoast | Ridge Rd Extension to SR 54 | 14501 | 14510 | 92 | 2 | 26,419 | 33.96 | 7,207.22 | 212.21 | 1.03 | 7,419 |
| Suncoast | Ridge Rd Extension to SR 54 | 14508 | 14500 | 92 | 2 | 26,502 | 33.04 | 6,829.66 | 206.72 | 1.03 | 7,052 |
| Suncoast | Ridge Rd Extension to SR 54 | 14510 | 15304 | 92 | 2 | 26,419 | 33.44 | 25,180.37 | 753.01 | 1.03 | 25,919 |
| Suncoast | Ridge Rd Extension to SR 54 | 14557 | 15303 | 92 | 2 | 26,502 | 33.14 | 7,993.11 | 241.17 | 1.03 | 8,253 |
| Suncoast | Ridge Rd Extension to SR 54 | 15303 | 14508 | 92 | 2 | 26,502 | 33.43 | 25,802.70 | 771.75 | 1.03 | 26,643 |
| Suncoast | Ridge Rd Extension to SR 54 | 15304 | 14558 | 92 | 2 | 26,419 | 33.72 | 8,079.06 | 239.60 | 1.03 | 8,316 |
| Suncoast | SR 52 to Ridge Rd Extension | 14558 | 14645 | 92 | 2 | 26,419 | 33.40 | 54,648.61 | 1,636.10 | 1.03 | 56,251 |
| Suncoast | SR 52 to Ridge Rd Extension | 14644 | 14557 | 92 | 2 | 26,502 | 33.36 | 54,708.82 | 1,639.98 | 1.03 | 56,490 |
| Suncoast | SR 52 to Ridge Rd Extension | 14645 | 14722 | 92 | 2 | 26,419 | 33.51 | 30,276.68 | 903.62 | 1.03 | 31,165 |
| Suncoast | SR 52 to Ridge Rd Extension | 14722 | 14748 | 92 | 2 | 11,500 | 47.80 | 4,081.33 | 85.39 | 0.45 | 1,829 |
| Suncoast | SR 52 to Ridge Rd Extension | 14722 | 14752 | 71 | 1 | 14,920 | 22.61 | 5,744.01 | 254.04 | 0.97 | 5,581 |
| Suncoast | SR 52 to Ridge Rd Extension | 14725 | 14644 | 92 | 2 | 26,502 | 33.24 | 31,381.44 | 944.02 | 1.03 | 32,403 |
| Suncoast | SR 52 to Ridge Rd Extension | 14747 | 14725 | 92 | 2 | 11,546 | 47.81 | 3,704.01 | 77.47 | 0.45 | 1,666 |
| Suncoast | SR 52 to Ridge Rd Extension | 14749 | 14725 | 71 | 1 | 14,956 | 22.70 | 5,115.02 | 225.38 | 0.97 | 4,982 |
| US 41 | Ridge Rd Extension to SR 54 | 14327 | 14350 | 23 | 3 | 26,630 | 29.69 | 12,758.56 | 429.73 | 0.87 | 11,124 |
| US 41 | Ridge Rd Extension to SR 54 | 14350 | 14327 | 23 | 3 | 26,545 | 29.77 | 12,717.78 | 427.18 | 0.87 | 11,053 |
| US 41 | Ridge Rd Extension to SR 54 | 14350 | 14357 | 23 | 3 | 26,162 | 30.85 | 3,714.98 | 120.41 | 0.86 | 3,182 |
| US 41 | Ridge Rd Extension to SR 54 | 14357 | 14350 | 23 | 3 | 26,096 | 30.92 | 3,705.63 | 119.86 | 0.85 | 3,166 |
| US 41 | Ridge Rd Extension to SR 54 | 14357 | 14388 | 23 | 3 | 28,154 | 28.20 | 15,453.86 | 547.96 | 0.92 | 14,245 |
| US 41 | Ridge Rd Extension to SR 54 | 14388 | 14357 | 23 | 3 | 28,099 | 28.26 | 15,423.34 | 545.78 | 0.92 | 14,189 |
| US 41 | Ridge Rd Extension to SR 54 | 14388 | 14415 | 23 | 3 | 28,154 | 25.46 | 14,170.03 | 556.45 | 1.01 | 14,368 |
| US 41 | Ridge Rd Extension to SR 54 | 14415 | 14388 | 23 | 3 | 28,099 | 25.53 | 14,142.04 | 553.90 | 1.01 | 14,311 |
| US 41 | Ridge Rd Extension to SR 54 | 14415 | 14443 | 23 | 3 | 32,702 | 19.67 | 8,813.26 | 448.14 | 1.18 | 10,380 |
| US 41 | Ridge Rd Extension to SR 54 | 14443 | 14415 | 23 | 3 | 32,575 | 19.81 | 8,778.98 | 443.11 | 1.17 | 10,299 |
| US 41 | Ridge Rd Extension to SR 54 | 14443 | 14491 | 23 | 3 | 28,094 | 25.46 | 15,165.14 | 595.73 | 1.01 | 15,344 |
| US 41 | Ridge Rd Extension to SR 54 | 14491 | 14443 | 23 | 3 | 28,010 | 25.56 | 15,119.81 | 591.61 | 1.01 | 15,252 |
| US 41 | Ridge Rd Extension to SR 54 | 14491 | 14503 | 23 | 3 | 33,357 | 19.07 | 7,165.14 | 375.68 | 1.20 | 8,608 |
| US 41 | Ridge Rd Extension to SR 54 | 14503 | 14491 | 23 | 3 | 33,368 | 19.06 | 7,167.37 | 376.03 | 1.20 | 8,613 |
| US 41 | Ridge Rd Extension to SR 54 | 14503 | 14509 | 23 | 3 | 30,596 | 22.51 | 6,825.96 | 303.21 | 1.10 | 7,522 |
| US 41 | Ridge Rd Extension to SR 54 | 14509 | 14503 | 23 | 3 | 30,583 | 22.53 | 6,823.14 | 302.88 | 1.10 | 7,515 |
| US 41 | Ridge Rd Extension to SR 54 | 14509 | 14531 | 23 | 3 | 28,630 | 24.82 | 17,825.02 | 718.19 | 1.03 | 18,379 |
| US 41 | Ridge Rd Extension to SR 54 | 14531 | 14509 | 23 | 3 | 28,605 | 24.85 | 17,809.18 | 716.67 | 1.03 | 18,347 |
| US 41 | Ridge Rd Extension to SR 54 | 14531 | 14541 | 23 | 3 | 25,019 | 28.72 | 9,116.82 | 317.42 | 0.90 | 8,215 |
| US 41 | Ridge Rd Extension to SR 54 | 14541 | 14531 | 23 | 3 | 25,018 | 28.72 | 9,116.68 | 317.41 | 0.90 | 8,214 |
| US 41 | Ridge Rd Extension to SR 54 | 14541 | 14550 | 23 | 2 | 24,745 | 15.16 | 11,160.06 | 736.09 | 1.34 | 14,918 |

Ridge Road Extension Analysis: Alternative 9 - Add Four Lanes to SR 54

| Name | From - To | A-Node | B-Node | Facility Type | Number of Lanes | Volume | C. Speed | VMT | VHT | VC Ratio LOS-E | VMT*VCE |
|----------------|-----------------------------|--------|--------|---------------|-----------------|--------|----------|-----------|----------|----------------|-----------|
| US 41 | Ridge Rd Extension to SR 54 | 14550 | 14541 | 23 | 2 | 24,744 | 15.16 | 11,159.67 | 736.01 | 1.34 | 14,917 |
| US 41 | Ridge Rd Extension to SR 54 | 14550 | 14552 | 23 | 2 | 24,745 | 15.02 | 6,074.93 | 404.33 | 1.34 | 8,121 |
| US 41 | Ridge Rd Extension to SR 54 | 14552 | 14550 | 23 | 2 | 24,744 | 15.03 | 6,074.72 | 404.28 | 1.34 | 8,120 |
| US 41 | Ridge Rd Extension to SR 54 | 14552 | 14559 | 23 | 2 | 24,457 | 15.44 | 8,002.38 | 518.16 | 1.32 | 10,573 |
| US 41 | Ridge Rd Extension to SR 54 | 14559 | 14552 | 23 | 2 | 24,482 | 15.41 | 8,010.61 | 519.95 | 1.32 | 10,595 |
| US 41 | Ridge Rd Extension to SR 54 | 14559 | 14565 | 23 | 2 | 23,556 | 4.07 | 6,913.55 | 1,699.82 | 1.92 | 13,286 |
| US 41 | Ridge Rd Extension to SR 54 | 14565 | 14559 | 23 | 2 | 23,575 | 4.06 | 6,919.17 | 1,705.99 | 1.92 | 13,307 |
| US 41 | Ridge Rd Extension to SR 54 | 14565 | 14578 | 23 | 2 | 21,433 | 5.61 | 14,462.69 | 2,580.18 | 1.75 | 25,288 |
| US 41 | Ridge Rd Extension to SR 54 | 14578 | 14565 | 23 | 2 | 21,426 | 5.61 | 14,458.54 | 2,577.02 | 1.75 | 25,273 |
| US 41 | Ridge Rd Extension to SR 54 | 14578 | 14630 | 23 | 2 | 18,577 | 8.70 | 21,224.49 | 2,439.00 | 1.52 | 32,167 |
| US 41 | Ridge Rd Extension to SR 54 | 14630 | 14578 | 23 | 2 | 18,553 | 8.73 | 21,196.90 | 2,426.80 | 1.51 | 32,083 |
| US 41 | Ridge Rd Extension to SR 54 | 14630 | 14636 | 23 | 2 | 17,284 | 10.64 | 3,522.54 | 331.19 | 1.41 | 4,967 |
| US 41 | Ridge Rd Extension to SR 54 | 14636 | 14630 | 23 | 2 | 17,264 | 10.67 | 3,518.43 | 329.79 | 1.41 | 4,955 |
| US 41 | SR 52 to Ridge Rd Extension | 14636 | 14662 | 31 | 1 | 18,856 | 21.96 | 9,247.18 | 421.18 | 1.18 | 10,898 |
| US 41 | SR 52 to Ridge Rd Extension | 14662 | 14636 | 31 | 1 | 18,879 | 21.90 | 9,258.51 | 422.69 | 1.18 | 10,925 |
| US 41 | SR 52 to Ridge Rd Extension | 14662 | 14671 | 31 | 1 | 17,862 | 24.57 | 2,666.78 | 108.55 | 1.12 | 2,977 |
| US 41 | SR 52 to Ridge Rd Extension | 14671 | 14662 | 31 | 1 | 17,904 | 24.47 | 2,673.07 | 109.24 | 1.12 | 2,991 |
| US 41 | SR 52 to Ridge Rd Extension | 14671 | 14676 | 31 | 1 | 17,866 | 23.94 | 2,847.89 | 118.97 | 1.12 | 3,180 |
| US 41 | SR 52 to Ridge Rd Extension | 14676 | 14671 | 31 | 1 | 17,902 | 23.86 | 2,853.64 | 119.62 | 1.12 | 3,193 |
| US 41 | SR 52 to Ridge Rd Extension | 14676 | 14687 | 31 | 1 | 17,866 | 24.32 | 4,781.02 | 196.55 | 1.12 | 5,339 |
| US 41 | SR 52 to Ridge Rd Extension | 14687 | 14676 | 31 | 1 | 17,902 | 24.24 | 4,790.68 | 197.63 | 1.12 | 5,360 |
| US 41 | SR 52 to Ridge Rd Extension | 14687 | 14692 | 31 | 1 | 17,764 | 24.68 | 2,137.04 | 86.59 | 1.11 | 2,373 |
| US 41 | SR 52 to Ridge Rd Extension | 14692 | 14687 | 31 | 1 | 17,792 | 24.61 | 2,140.42 | 86.96 | 1.11 | 2,380 |
| US 41 | SR 52 to Ridge Rd Extension | 14692 | 14701 | 31 | 1 | 17,764 | 24.04 | 3,060.78 | 127.34 | 1.11 | 3,398 |
| US 41 | SR 52 to Ridge Rd Extension | 14701 | 14692 | 31 | 1 | 17,792 | 23.97 | 3,065.62 | 127.88 | 1.11 | 3,409 |
| US 41 | SR 52 to Ridge Rd Extension | 14701 | 14717 | 31 | 1 | 17,764 | 24.52 | 8,116.48 | 331.08 | 1.11 | 9,011 |
| US 41 | SR 52 to Ridge Rd Extension | 14717 | 14701 | 31 | 1 | 17,792 | 24.45 | 8,129.31 | 332.48 | 1.11 | 9,040 |
| US 41 | SR 52 to Ridge Rd Extension | 14717 | 14781 | 31 | 1 | 17,278 | 25.62 | 14,199.14 | 554.13 | 1.08 | 15,333 |
| US 41 | SR 52 to Ridge Rd Extension | 14781 | 14717 | 31 | 1 | 17,315 | 25.54 | 14,229.78 | 557.21 | 1.08 | 15,400 |
| Totals: | | | | | | | | 2,300,884 | 105,478 | | 2,311,755 |

Avg. Speed: 21.81 Weighted VC Ratio: 1.005



Ridge Road Extension Analysis: Alternative 10 - Add Tower Road as Four Lanes

| Name | From - To | A-Node | B-Node | Facility Type | Number of Lanes | Volume | C. Speed | VMT | VHT | VC Ratio LOS-E | VMT*VCE |
|---------------|------------------------------|--------|--------|---------------|-----------------|--------|----------|-----------|--------|----------------|---------|
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14370 | 14373 | 41 | 1 | 10,804 | 12.23 | 2,142.50 | 175.19 | 1.31 | 2,815 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14373 | 14370 | 41 | 1 | 10,888 | 12.02 | 2,159.11 | 179.65 | 1.32 | 2,859 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14373 | 14381 | 41 | 1 | 10,804 | 11.99 | 1,560.14 | 130.14 | 1.31 | 2,050 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14381 | 14373 | 41 | 1 | 10,888 | 11.78 | 1,572.24 | 133.45 | 1.32 | 2,082 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14381 | 14407 | 41 | 1 | 8,571 | 18.71 | 4,643.98 | 248.25 | 1.04 | 4,841 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14407 | 14381 | 41 | 1 | 8,630 | 18.51 | 4,675.65 | 252.60 | 1.05 | 4,907 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14407 | 14439 | 41 | 1 | 3,649 | 32.25 | 2,447.53 | 75.89 | 0.44 | 1,086 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14439 | 14407 | 41 | 1 | 3,695 | 32.19 | 2,478.10 | 76.97 | 0.45 | 1,114 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14439 | 14470 | 41 | 2 | 7,757 | 32.26 | 4,010.97 | 124.33 | 0.46 | 1,847 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14470 | 14439 | 41 | 2 | 7,823 | 32.22 | 4,045.33 | 125.56 | 0.46 | 1,879 |
| Gunn Ext | SR 54 to Tower Rd | 14167 | 15441 | 47 | 1 | 6,381 | 11.71 | 2,828.08 | 241.44 | 1.13 | 3,192 |
| Gunn Ext | SR 54 to Tower Rd | 15441 | 14167 | 47 | 1 | 6,296 | 11.99 | 2,790.42 | 232.64 | 1.11 | 3,108 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14470 | 14528 | 32 | 1 | 9,535 | 24.34 | 10,840.17 | 445.38 | 0.91 | 9,813 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14528 | 14470 | 32 | 1 | 9,566 | 24.25 | 10,875.40 | 448.49 | 0.91 | 9,876 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14528 | 14551 | 32 | 1 | 6,521 | 32.04 | 4,162.82 | 129.91 | 0.62 | 2,577 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14551 | 14528 | 32 | 1 | 6,566 | 31.95 | 4,191.73 | 131.18 | 0.62 | 2,613 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14551 | 14568 | 32 | 1 | 7,647 | 29.29 | 4,109.58 | 140.30 | 0.73 | 2,984 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14568 | 14551 | 32 | 1 | 7,687 | 29.19 | 4,131.19 | 141.51 | 0.73 | 3,015 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14568 | 14585 | 32 | 1 | 7,647 | 29.46 | 4,821.53 | 163.68 | 0.73 | 3,500 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14585 | 14568 | 32 | 1 | 7,687 | 29.36 | 4,846.88 | 165.10 | 0.73 | 3,537 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14585 | 14623 | 32 | 1 | 8,463 | 27.36 | 5,137.28 | 187.80 | 0.80 | 4,128 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14623 | 14585 | 32 | 1 | 8,508 | 27.23 | 5,164.23 | 189.62 | 0.81 | 4,171 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14623 | 14700 | 32 | 1 | 6,706 | 31.57 | 8,896.35 | 281.78 | 0.64 | 5,664 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14700 | 14623 | 32 | 1 | 6,760 | 31.46 | 8,968.71 | 285.08 | 0.64 | 5,756 |
| SR 52 | Moon Lake to Suncoast | 14691 | 14693 | 23 | 3 | 18,939 | 34.26 | 7,274.59 | 212.31 | 0.68 | 4,962 |
| SR 52 | Moon Lake to Suncoast | 14691 | 14713 | 23 | 3 | 19,017 | 34.41 | 18,547.11 | 539.01 | 0.68 | 12,703 |
| SR 52 | Moon Lake to Suncoast | 14693 | 14691 | 23 | 3 | 19,017 | 34.21 | 7,304.36 | 213.50 | 0.68 | 5,003 |
| SR 52 | Moon Lake to Suncoast | 14693 | 14694 | 23 | 3 | 19,053 | 34.53 | 5,089.02 | 147.39 | 0.69 | 3,492 |
| SR 52 | Moon Lake to Suncoast | 14694 | 14693 | 23 | 3 | 19,139 | 34.47 | 5,112.00 | 148.31 | 0.69 | 3,524 |
| SR 52 | Moon Lake to Suncoast | 14694 | 14700 | 23 | 3 | 18,173 | 34.98 | 2,764.19 | 79.02 | 0.65 | 1,809 |
| SR 52 | Moon Lake to Suncoast | 14700 | 14694 | 23 | 3 | 18,233 | 34.94 | 2,773.30 | 79.36 | 0.66 | 1,821 |
| SR 52 | Moon Lake to Suncoast | 14713 | 14691 | 23 | 3 | 18,939 | 34.46 | 18,471.51 | 535.99 | 0.68 | 12,599 |
| SR 52 | Moon Lake to Suncoast | 14713 | 14718 | 23 | 3 | 19,017 | 19.91 | 4,185.60 | 210.22 | 1.03 | 4,329 |
| SR 52 | Moon Lake to Suncoast | 14718 | 14713 | 23 | 3 | 18,939 | 20.02 | 4,168.54 | 208.17 | 1.03 | 4,294 |
| SR 52 | Moon Lake to Suncoast | 14718 | 14723 | 23 | 3 | 19,012 | 20.00 | 2,443.02 | 122.14 | 1.03 | 2,526 |
| SR 52 | Moon Lake to Suncoast | 14723 | 14718 | 23 | 3 | 18,938 | 20.11 | 2,433.57 | 121.01 | 1.03 | 2,507 |
| SR 52 | Moon Lake to Suncoast | 14723 | 14727 | 23 | 3 | 20,199 | 18.03 | 1,949.25 | 108.14 | 1.10 | 2,141 |
| SR 52 | Moon Lake to Suncoast | 14727 | 14723 | 23 | 3 | 20,116 | 18.15 | 1,941.18 | 106.97 | 1.09 | 2,124 |
| SR 52 | Moon Lake to Suncoast | 14727 | 14734 | 23 | 3 | 20,199 | 17.97 | 6,748.64 | 375.63 | 1.10 | 7,414 |
| SR 52 | Moon Lake to Suncoast | 14734 | 14727 | 23 | 3 | 20,116 | 18.09 | 6,720.72 | 371.56 | 1.09 | 7,353 |
| SR 52 | Moon Lake to Suncoast | 14734 | 14738 | 23 | 3 | 21,170 | 16.68 | 3,884.72 | 232.85 | 1.15 | 4,473 |
| SR 52 | Moon Lake to Suncoast | 14738 | 14734 | 23 | 3 | 21,065 | 16.83 | 3,865.42 | 229.61 | 1.15 | 4,428 |
| SR 52 | Moon Lake to Suncoast | 14738 | 14749 | 23 | 3 | 21,210 | 16.44 | 7,591.04 | 461.67 | 1.15 | 8,757 |
| SR 52 | Moon Lake to Suncoast | 14749 | 14738 | 23 | 3 | 21,119 | 16.57 | 7,558.39 | 456.10 | 1.15 | 8,681 |
| SR 52 | Moon Lake to Suncoast | 14749 | 14752 | 23 | 3 | 11,752 | 27.75 | 1,290.32 | 46.50 | 0.64 | 825 |
| SR 52 | Moon Lake to Suncoast | 14752 | 14749 | 23 | 3 | 24,724 | 11.74 | 2,714.72 | 231.17 | 1.34 | 3,650 |
| SR 52 | Suncoast to US 41 | 14752 | 14757 | 32 | 1 | 15,757 | 9.31 | 1,580.47 | 169.74 | 1.50 | 2,364 |
| SR 52 | Suncoast to US 41 | 14757 | 14752 | 32 | 1 | 15,568 | 9.61 | 1,561.45 | 162.57 | 1.48 | 2,308 |
| SR 52 | Suncoast to US 41 | 14757 | 14767 | 32 | 1 | 14,670 | 11.36 | 7,334.83 | 645.58 | 1.39 | 10,215 |
| SR 52 | Suncoast to US 41 | 14762 | 14765 | 32 | 1 | 12,301 | 16.57 | 1,553.59 | 93.75 | 1.17 | 1,814 |
| SR 52 | Suncoast to US 41 | 14762 | 14767 | 32 | 1 | 11,377 | 19.02 | 13,403.00 | 704.64 | 1.08 | 14,476 |
| SR 52 | Suncoast to US 41 | 14765 | 14762 | 32 | 1 | 12,134 | 17.00 | 1,532.48 | 90.14 | 1.15 | 1,765 |
| SR 52 | Suncoast to US 41 | 14765 | 14773 | 32 | 1 | 12,441 | 16.09 | 2,820.41 | 175.34 | 1.18 | 3,331 |
| SR 52 | Suncoast to US 41 | 14767 | 14757 | 32 | 1 | 14,460 | 11.76 | 7,230.25 | 614.99 | 1.37 | 9,926 |
| SR 52 | Suncoast to US 41 | 14767 | 14762 | 32 | 1 | 11,521 | 18.62 | 13,572.76 | 728.75 | 1.09 | 14,845 |
| SR 52 | Suncoast to US 41 | 14773 | 14765 | 32 | 1 | 12,246 | 16.58 | 2,776.18 | 167.48 | 1.16 | 3,228 |
| SR 52 | Suncoast to US 41 | 14773 | 14774 | 32 | 1 | 11,964 | 17.48 | 5,839.44 | 334.08 | 1.14 | 6,632 |
| SR 52 | Suncoast to US 41 | 14774 | 14773 | 32 | 1 | 11,770 | 18.00 | 5,744.84 | 319.23 | 1.12 | 6,419 |
| SR 52 | Suncoast to US 41 | 14774 | 14781 | 32 | 1 | 11,202 | 19.46 | 4,904.28 | 251.97 | 1.06 | 5,216 |
| SR 52 | Suncoast to US 41 | 14781 | 14774 | 32 | 1 | 11,011 | 20.00 | 4,820.47 | 241.01 | 1.05 | 5,039 |
| SR 54 | Starkey to Suncoast | 14107 | 14109 | 23 | 3 | 27,737 | 25.84 | 24,791.56 | 959.53 | 1.00 | 24,765 |
| SR 54 | Starkey to Suncoast | 14107 | 14114 | 23 | 3 | 29,396 | 23.75 | 21,353.17 | 898.95 | 1.06 | 22,606 |
| SR 54 | Starkey to Suncoast | 14109 | 14107 | 23 | 3 | 27,616 | 25.98 | 24,683.04 | 950.00 | 0.99 | 24,549 |

Ridge Road Extension Analysis: Alternative 10 - Add Tower Road as Four Lanes

| Name | From - To | A-Node | B-Node | Facility Type | Number of Lanes | Volume | C. Speed | VMT | VHT | VC Ratio LOS-E | VMT*VCE |
|--------------|------------------------|--------|--------|---------------|-----------------|--------|----------|-----------|----------|----------------|---------|
| SR 54 | Starkey to Suncoast | 14109 | 14118 | 23 | 3 | 27,613 | 26.13 | 8,449.43 | 323.32 | 0.99 | 8,403 |
| SR 54 | Starkey to Suncoast | 14114 | 14107 | 23 | 3 | 29,526 | 23.60 | 21,447.87 | 908.96 | 1.06 | 22,807 |
| SR 54 | Starkey to Suncoast | 14114 | 14121 | 23 | 3 | 29,396 | 23.61 | 4,429.96 | 187.61 | 1.06 | 4,690 |
| SR 54 | Starkey to Suncoast | 14118 | 14109 | 23 | 3 | 27,508 | 26.26 | 8,417.48 | 320.56 | 0.99 | 8,339 |
| SR 54 | Starkey to Suncoast | 14118 | 14120 | 23 | 3 | 27,613 | 25.42 | 3,252.75 | 127.98 | 0.99 | 3,235 |
| SR 54 | Starkey to Suncoast | 14120 | 14118 | 23 | 3 | 27,508 | 25.54 | 3,240.46 | 126.89 | 0.99 | 3,210 |
| SR 54 | Starkey to Suncoast | 14120 | 14124 | 23 | 3 | 32,235 | 20.29 | 3,449.16 | 169.98 | 1.16 | 4,004 |
| SR 54 | Starkey to Suncoast | 14121 | 14114 | 23 | 3 | 29,526 | 23.46 | 4,449.61 | 189.70 | 1.06 | 4,732 |
| SR 54 | Starkey to Suncoast | 14124 | 14120 | 23 | 3 | 32,113 | 20.43 | 3,436.04 | 168.15 | 1.16 | 3,974 |
| SR 54 | Starkey to Suncoast | 14124 | 14151 | 23 | 3 | 35,550 | 16.66 | 26,029.60 | 1,562.78 | 1.28 | 33,326 |
| SR 54 | Starkey to Suncoast | 14151 | 14124 | 23 | 3 | 35,379 | 16.84 | 25,904.70 | 1,538.68 | 1.27 | 33,007 |
| SR 54 | Starkey to Suncoast | 14151 | 14163 | 23 | 3 | 36,238 | 16.16 | 11,588.83 | 717.29 | 1.31 | 15,124 |
| SR 54 | Starkey to Suncoast | 14163 | 14151 | 23 | 3 | 36,073 | 16.33 | 11,536.15 | 706.57 | 1.30 | 14,987 |
| SR 54 | Starkey to Suncoast | 14163 | 14167 | 23 | 3 | 35,762 | 16.74 | 6,898.58 | 412.08 | 1.29 | 8,885 |
| SR 54 | Starkey to Suncoast | 14167 | 14163 | 23 | 3 | 35,604 | 16.91 | 6,868.04 | 406.17 | 1.28 | 8,807 |
| SR 54 | Starkey to Suncoast | 14167 | 14172 | 23 | 3 | 32,962 | 19.50 | 14,763.47 | 757.24 | 1.19 | 17,526 |
| SR 54 | Starkey to Suncoast | 14172 | 14167 | 23 | 3 | 33,278 | 19.13 | 14,905.31 | 778.97 | 1.20 | 17,864 |
| SR 54 | Starkey to Suncoast | 14172 | 14177 | 23 | 3 | 32,529 | 20.04 | 14,598.81 | 728.62 | 1.17 | 17,103 |
| SR 54 | Starkey to Suncoast | 14174 | 14181 | 23 | 3 | 32,456 | 20.16 | 32,893.91 | 1,631.40 | 1.17 | 38,449 |
| SR 54 | Starkey to Suncoast | 14174 | 14199 | 23 | 3 | 29,065 | 24.19 | 14,340.50 | 592.88 | 1.05 | 15,011 |
| SR 54 | Starkey to Suncoast | 14177 | 14172 | 23 | 3 | 32,822 | 19.70 | 14,730.72 | 747.91 | 1.18 | 17,413 |
| SR 54 | Starkey to Suncoast | 14177 | 14181 | 23 | 3 | 31,986 | 20.62 | 17,342.89 | 841.21 | 1.15 | 19,978 |
| SR 54 | Starkey to Suncoast | 14181 | 14174 | 23 | 3 | 32,152 | 20.52 | 32,585.65 | 1,588.07 | 1.16 | 37,732 |
| SR 54 | Starkey to Suncoast | 14181 | 14177 | 23 | 3 | 32,287 | 20.26 | 17,506.17 | 863.89 | 1.16 | 20,356 |
| SR 54 | Starkey to Suncoast | 14199 | 14174 | 23 | 3 | 28,957 | 24.32 | 14,287.16 | 587.51 | 1.04 | 14,899 |
| SR 54 | Starkey to Suncoast | 14199 | 14210 | 23 | 3 | 29,956 | 23.30 | 6,305.84 | 270.58 | 1.08 | 6,803 |
| SR 54 | Starkey to Suncoast | 14210 | 14199 | 23 | 3 | 29,832 | 23.46 | 6,279.57 | 267.71 | 1.07 | 6,747 |
| SR 54 | Starkey to Suncoast | 14210 | 14217 | 23 | 3 | 30,933 | 22.19 | 3,563.48 | 160.56 | 1.11 | 3,970 |
| SR 54 | Starkey to Suncoast | 14217 | 14210 | 23 | 3 | 30,966 | 22.15 | 3,567.30 | 161.02 | 1.12 | 3,978 |
| SR 54 | Suncoast to US 41 | 14217 | 14227 | 23 | 3 | 32,298 | 20.50 | 9,275.98 | 452.46 | 1.16 | 10,790 |
| SR 54 | Suncoast to US 41 | 14227 | 14217 | 23 | 3 | 32,038 | 20.81 | 9,201.20 | 442.17 | 1.15 | 10,617 |
| SR 54 | Suncoast to US 41 | 14227 | 14246 | 23 | 3 | 32,298 | 20.26 | 14,463.04 | 713.89 | 1.16 | 16,823 |
| SR 54 | Suncoast to US 41 | 14246 | 14227 | 23 | 3 | 32,038 | 20.56 | 14,346.45 | 697.65 | 1.15 | 16,553 |
| SR 54 | Suncoast to US 41 | 14246 | 14257 | 23 | 3 | 28,246 | 25.08 | 11,925.41 | 475.53 | 1.02 | 12,131 |
| SR 54 | Suncoast to US 41 | 14257 | 14246 | 23 | 3 | 28,119 | 25.23 | 11,871.90 | 470.56 | 1.01 | 12,023 |
| SR 54 | Suncoast to US 41 | 14257 | 14268 | 23 | 3 | 28,240 | 25.38 | 7,743.39 | 305.04 | 1.02 | 7,875 |
| SR 54 | Suncoast to US 41 | 14268 | 14257 | 23 | 3 | 28,117 | 25.53 | 7,709.71 | 301.95 | 1.01 | 7,807 |
| SR 54 | Suncoast to US 41 | 14268 | 14285 | 23 | 3 | 26,250 | 27.55 | 24,425.53 | 886.65 | 0.95 | 23,091 |
| SR 54 | Suncoast to US 41 | 14285 | 14268 | 23 | 3 | 26,149 | 27.66 | 24,331.43 | 879.52 | 0.94 | 22,914 |
| SR 54 | Suncoast to US 41 | 14285 | 15330 | 23 | 3 | 28,299 | 25.30 | 9,737.70 | 384.96 | 1.02 | 9,924 |
| SR 54 | Suncoast to US 41 | 14313 | 14316 | 23 | 3 | 31,704 | 21.01 | 15,034.00 | 715.62 | 1.14 | 17,166 |
| SR 54 | Suncoast to US 41 | 14313 | 15330 | 23 | 3 | 27,700 | 25.82 | 15,240.73 | 590.26 | 1.00 | 15,204 |
| SR 54 | Suncoast to US 41 | 14314 | 14316 | 23 | 3 | 33,947 | 18.39 | 18,850.65 | 1,025.21 | 1.22 | 23,046 |
| SR 54 | Suncoast to US 41 | 14314 | 14329 | 23 | 3 | 36,631 | 15.58 | 13,670.87 | 877.49 | 1.32 | 18,035 |
| SR 54 | Suncoast to US 41 | 14316 | 14313 | 23 | 3 | 31,681 | 21.03 | 15,023.35 | 714.21 | 1.14 | 17,141 |
| SR 54 | Suncoast to US 41 | 14316 | 14314 | 23 | 3 | 33,980 | 18.35 | 18,869.24 | 1,028.30 | 1.22 | 23,092 |
| SR 54 | Suncoast to US 41 | 14327 | 14330 | 23 | 3 | 35,233 | 16.88 | 7,952.12 | 471.21 | 1.27 | 10,090 |
| SR 54 | Suncoast to US 41 | 14329 | 14314 | 23 | 3 | 36,588 | 15.62 | 13,654.46 | 873.96 | 1.32 | 17,992 |
| SR 54 | Suncoast to US 41 | 14329 | 14330 | 23 | 3 | 35,584 | 16.69 | 4,736.19 | 283.79 | 1.28 | 6,070 |
| SR 54 | Suncoast to US 41 | 14330 | 14327 | 23 | 3 | 35,258 | 16.85 | 7,957.72 | 472.28 | 1.27 | 10,105 |
| SR 54 | Suncoast to US 41 | 14330 | 14329 | 23 | 3 | 35,549 | 16.73 | 4,731.60 | 282.90 | 1.28 | 6,058 |
| SR 54 | Suncoast to US 41 | 15330 | 14285 | 23 | 3 | 28,182 | 25.44 | 9,697.55 | 381.25 | 1.01 | 9,843 |
| SR 54 | Suncoast to US 41 | 15330 | 14313 | 23 | 3 | 28,001 | 25.46 | 15,406.18 | 605.08 | 1.01 | 15,536 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14121 | 14150 | 43 | 2 | 2,789 | 30.04 | 999.82 | 33.29 | 0.18 | 183 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14150 | 14121 | 43 | 2 | 2,811 | 30.04 | 1,014.94 | 33.79 | 0.19 | 188 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14150 | 18111 | 43 | 1 | 3,035 | 29.18 | 2,868.88 | 98.33 | 0.40 | 1,158 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14241 | 14255 | 43 | 1 | 8,106 | 15.96 | 2,077.55 | 130.20 | 1.08 | 2,239 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14241 | 18111 | 43 | 1 | 8,077 | 15.99 | 7,115.70 | 445.07 | 1.07 | 7,642 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14255 | 14241 | 43 | 1 | 8,077 | 16.05 | 2,070.07 | 128.97 | 1.07 | 2,223 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14255 | 14295 | 43 | 1 | 6,133 | 22.43 | 3,582.43 | 159.69 | 0.82 | 2,922 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14295 | 14255 | 43 | 1 | 6,103 | 22.53 | 3,564.84 | 158.23 | 0.81 | 2,893 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14295 | 14297 | 43 | 1 | 5,073 | 25.96 | 746.28 | 28.75 | 0.67 | 503 |

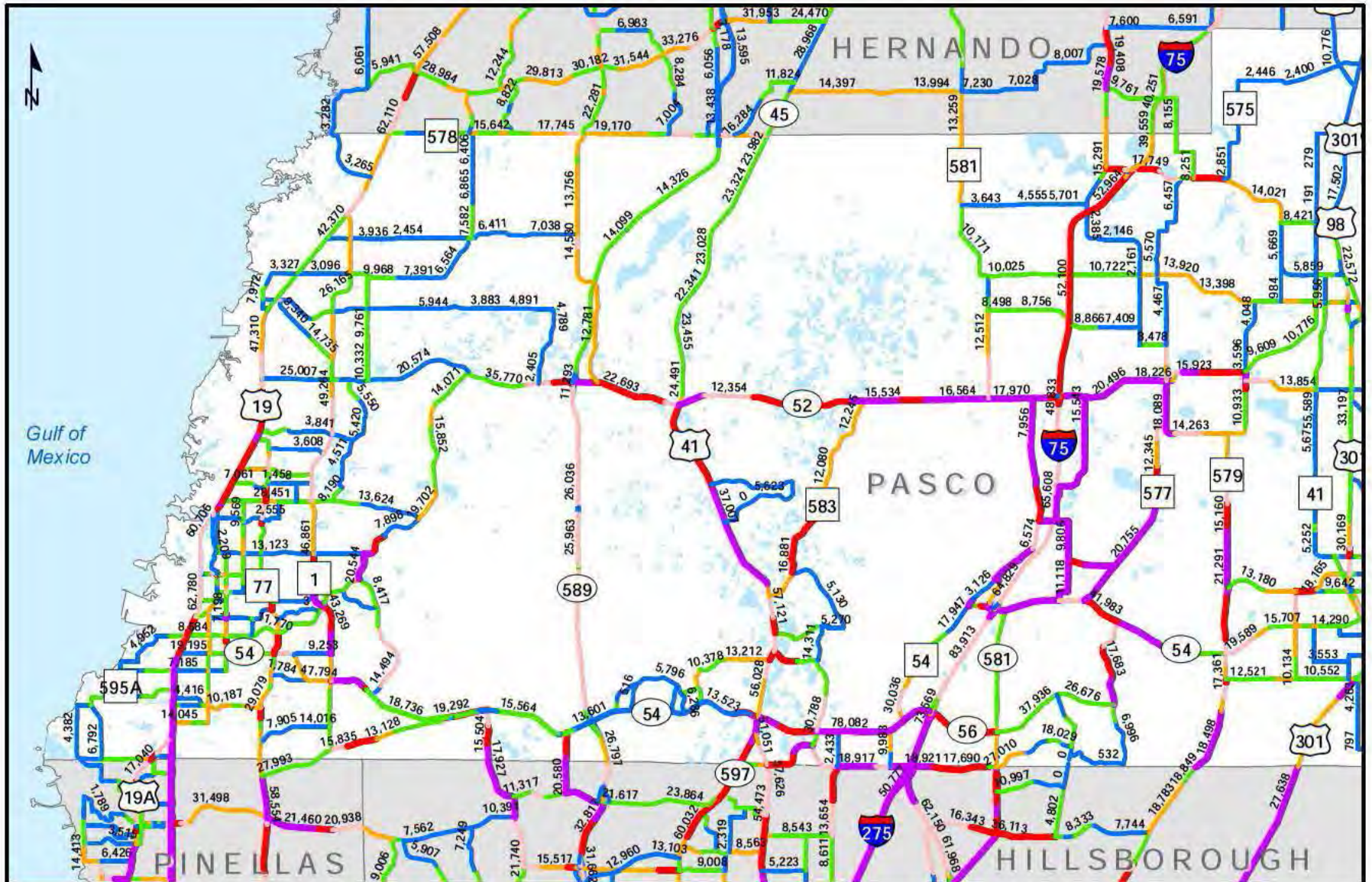
Ridge Road Extension Analysis: Alternative 10 - Add Tower Road as Four Lanes

| Name | From - To | A-Node | B-Node | Facility Type | Number of Lanes | Volume | C. Speed | VMT | VHT | VC Ratio LOS-E | VMT*VCE |
|--------------|-----------------------------|--------|--------|---------------|-----------------|--------|----------|-----------|----------|----------------|---------|
| Starkey Blvd | DeCubellis Rd to SR 54 | 14297 | 14295 | 43 | 1 | 5,045 | 26.03 | 742.09 | 28.51 | 0.67 | 498 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14297 | 14336 | 43 | 1 | 5,073 | 25.65 | 4,246.84 | 165.57 | 0.67 | 2,865 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14336 | 14297 | 43 | 1 | 5,045 | 25.72 | 4,223.02 | 164.17 | 0.67 | 2,833 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14336 | 14361 | 41 | 1 | 10,587 | 12.59 | 5,963.66 | 473.61 | 1.29 | 7,679 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14361 | 14336 | 41 | 1 | 10,593 | 12.58 | 5,967.25 | 474.53 | 1.29 | 7,688 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14361 | 14370 | 41 | 1 | 10,587 | 12.68 | 2,140.69 | 168.81 | 1.29 | 2,756 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14370 | 14361 | 41 | 1 | 10,593 | 12.66 | 2,141.98 | 169.14 | 1.29 | 2,760 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 18111 | 14150 | 43 | 1 | 3,089 | 29.12 | 2,920.38 | 100.28 | 0.41 | 1,200 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 18111 | 14241 | 43 | 1 | 8,106 | 15.89 | 7,141.41 | 449.33 | 1.08 | 7,898 |
| Suncoast | Ridge Rd Extension to SR 54 | 14213 | 14235 | 92 | 2 | 22,541 | 43.93 | 9,579.91 | 218.08 | 0.74 | 7,042 |
| Suncoast | Ridge Rd Extension to SR 54 | 14217 | 14235 | 71 | 2 | 4,607 | 29.81 | 1,877.34 | 62.99 | 0.14 | 269 |
| Suncoast | Ridge Rd Extension to SR 54 | 14233 | 14210 | 71 | 2 | 4,791 | 29.94 | 1,984.83 | 66.30 | 0.15 | 296 |
| Suncoast | Ridge Rd Extension to SR 54 | 14233 | 14211 | 92 | 2 | 22,460 | 43.34 | 9,621.73 | 222.00 | 0.73 | 7,047 |
| Suncoast | Ridge Rd Extension to SR 54 | 14235 | 14292 | 92 | 2 | 27,148 | 32.66 | 26,045.73 | 797.37 | 1.06 | 27,549 |
| Suncoast | Ridge Rd Extension to SR 54 | 14291 | 14233 | 92 | 2 | 27,250 | 32.51 | 26,138.67 | 804.14 | 1.06 | 27,752 |
| Suncoast | Ridge Rd Extension to SR 54 | 14292 | 14391 | 92 | 2 | 27,148 | 32.72 | 52,422.66 | 1,601.92 | 1.06 | 55,448 |
| Suncoast | Ridge Rd Extension to SR 54 | 14390 | 14291 | 92 | 2 | 27,250 | 32.66 | 52,765.13 | 1,615.52 | 1.06 | 56,021 |
| Suncoast | Ridge Rd Extension to SR 54 | 14391 | 14449 | 92 | 2 | 27,148 | 32.84 | 20,523.84 | 624.96 | 1.06 | 21,708 |
| Suncoast | Ridge Rd Extension to SR 54 | 14449 | 14472 | 92 | 2 | 27,148 | 32.46 | 7,893.72 | 237.06 | 1.06 | 8,138 |
| Suncoast | Ridge Rd Extension to SR 54 | 14451 | 14390 | 92 | 2 | 27,250 | 32.44 | 21,623.27 | 666.49 | 1.06 | 22,958 |
| Suncoast | Ridge Rd Extension to SR 54 | 14471 | 14451 | 92 | 2 | 27,250 | 32.53 | 6,834.42 | 210.09 | 1.06 | 7,256 |
| Suncoast | Ridge Rd Extension to SR 54 | 14472 | 14485 | 92 | 2 | 27,148 | 20.84 | 3,488.51 | 167.38 | 1.06 | 3,690 |
| Suncoast | Ridge Rd Extension to SR 54 | 14484 | 14471 | 92 | 2 | 27,250 | 14.73 | 3,340.91 | 226.75 | 1.06 | 3,547 |
| Suncoast | Ridge Rd Extension to SR 54 | 14485 | 14492 | 99 | 2 | 27,148 | 0.56 | 1,897.64 | 3,366.34 | 0.74 | 1,405 |
| Suncoast | Ridge Rd Extension to SR 54 | 14490 | 14484 | 99 | 2 | 27,250 | 0.57 | 1,921.16 | 3,379.06 | 0.74 | 1,428 |
| Suncoast | Ridge Rd Extension to SR 54 | 14492 | 14501 | 92 | 2 | 27,148 | 15.90 | 3,803.43 | 239.21 | 1.06 | 4,023 |
| Suncoast | Ridge Rd Extension to SR 54 | 14500 | 14490 | 92 | 2 | 27,250 | 21.89 | 3,853.22 | 176.04 | 1.06 | 4,091 |
| Suncoast | Ridge Rd Extension to SR 54 | 14501 | 14510 | 92 | 2 | 27,148 | 33.26 | 7,405.96 | 222.69 | 1.06 | 7,833 |
| Suncoast | Ridge Rd Extension to SR 54 | 14508 | 14500 | 92 | 2 | 27,250 | 32.31 | 7,022.45 | 217.33 | 1.06 | 7,456 |
| Suncoast | Ridge Rd Extension to SR 54 | 14510 | 15304 | 92 | 2 | 27,148 | 32.75 | 25,874.69 | 790.19 | 1.06 | 27,368 |
| Suncoast | Ridge Rd Extension to SR 54 | 14557 | 15303 | 92 | 2 | 27,250 | 32.41 | 8,218.75 | 253.56 | 1.06 | 8,726 |
| Suncoast | Ridge Rd Extension to SR 54 | 15303 | 14508 | 92 | 2 | 27,250 | 32.70 | 26,531.08 | 811.38 | 1.06 | 28,168 |
| Suncoast | Ridge Rd Extension to SR 54 | 15304 | 14558 | 92 | 2 | 27,148 | 33.02 | 8,301.84 | 251.42 | 1.06 | 8,781 |
| Suncoast | SR 52 to Ridge Rd Extension | 14558 | 14645 | 92 | 2 | 27,148 | 32.71 | 56,155.50 | 1,716.86 | 1.06 | 59,396 |
| Suncoast | SR 52 to Ridge Rd Extension | 14644 | 14557 | 92 | 2 | 27,250 | 32.63 | 56,253.20 | 1,724.18 | 1.06 | 59,725 |
| Suncoast | SR 52 to Ridge Rd Extension | 14645 | 14722 | 92 | 2 | 27,148 | 32.81 | 31,111.53 | 948.22 | 1.06 | 32,907 |
| Suncoast | SR 52 to Ridge Rd Extension | 14722 | 14748 | 92 | 2 | 11,393 | 47.88 | 4,043.31 | 84.44 | 0.44 | 1,795 |
| Suncoast | SR 52 to Ridge Rd Extension | 14722 | 14752 | 71 | 1 | 15,755 | 21.50 | 6,065.72 | 282.16 | 1.03 | 6,224 |
| Suncoast | SR 52 to Ridge Rd Extension | 14725 | 14644 | 92 | 2 | 27,250 | 32.51 | 32,267.31 | 992.49 | 1.06 | 34,259 |
| Suncoast | SR 52 to Ridge Rd Extension | 14747 | 14725 | 92 | 2 | 11,436 | 47.89 | 3,668.56 | 76.60 | 0.45 | 1,635 |
| Suncoast | SR 52 to Ridge Rd Extension | 14749 | 14725 | 71 | 1 | 15,815 | 21.54 | 5,408.67 | 251.07 | 1.03 | 5,570 |
| Tower Rd | Gunn Ext to US 41 | 14550 | 15533 | 44 | 2 | 2,195 | 29.23 | 85.66 | 2.93 | 0.16 | 13 |
| Tower Rd | Gunn Ext to US 41 | 15319 | 15513 | 44 | 2 | 2,186 | 28.08 | 1,034.29 | 36.83 | 0.16 | 161 |
| Tower Rd | Gunn Ext to US 41 | 15319 | 15518 | 44 | 2 | 2,195 | 28.04 | 944.96 | 33.70 | 0.16 | 148 |
| Tower Rd | Gunn Ext to US 41 | 15320 | 15321 | 44 | 2 | 2,186 | 27.85 | 903.70 | 32.45 | 0.16 | 141 |
| Tower Rd | Gunn Ext to US 41 | 15320 | 15513 | 44 | 2 | 2,195 | 27.96 | 901.31 | 32.23 | 0.16 | 141 |
| Tower Rd | Gunn Ext to US 41 | 15321 | 15320 | 44 | 2 | 2,195 | 27.85 | 907.76 | 32.60 | 0.16 | 142 |
| Tower Rd | Gunn Ext to US 41 | 15321 | 15514 | 44 | 2 | 2,186 | 27.98 | 540.82 | 19.33 | 0.16 | 84 |
| Tower Rd | Gunn Ext to US 41 | 15323 | 15418 | 44 | 2 | 2,186 | 27.96 | 4,475.59 | 160.07 | 0.16 | 698 |
| Tower Rd | Gunn Ext to US 41 | 15323 | 15514 | 44 | 2 | 2,195 | 28.07 | 894.47 | 31.87 | 0.16 | 140 |
| Tower Rd | Gunn Ext to US 41 | 15418 | 15323 | 44 | 2 | 2,195 | 27.96 | 4,495.73 | 160.80 | 0.16 | 705 |
| Tower Rd | Gunn Ext to US 41 | 15418 | 15533 | 44 | 2 | 2,186 | 28.02 | 1,879.97 | 67.09 | 0.16 | 293 |
| Tower Rd | Gunn Ext to US 41 | 15441 | 18110 | 47 | 2 | 2,186 | 23.94 | 1,040.04 | 43.44 | 0.19 | 199 |
| Tower Rd | Gunn Ext to US 41 | 15444 | 15518 | 44 | 2 | 2,186 | 27.99 | 4,082.76 | 145.85 | 0.16 | 637 |
| Tower Rd | Gunn Ext to US 41 | 15444 | 18110 | 44 | 2 | 2,195 | 28.00 | 2,389.82 | 85.34 | 0.16 | 375 |
| Tower Rd | Gunn Ext to US 41 | 15513 | 15319 | 44 | 2 | 2,195 | 28.08 | 1,038.94 | 36.99 | 0.16 | 163 |
| Tower Rd | Gunn Ext to US 41 | 15513 | 15320 | 44 | 2 | 2,186 | 27.96 | 897.27 | 32.09 | 0.16 | 140 |
| Tower Rd | Gunn Ext to US 41 | 15514 | 15321 | 44 | 2 | 2,195 | 27.98 | 543.25 | 19.41 | 0.16 | 85 |
| Tower Rd | Gunn Ext to US 41 | 15514 | 15323 | 44 | 2 | 2,186 | 28.07 | 890.46 | 31.72 | 0.16 | 139 |
| Tower Rd | Gunn Ext to US 41 | 15518 | 15319 | 44 | 2 | 2,186 | 28.04 | 940.73 | 33.55 | 0.16 | 147 |
| Tower Rd | Gunn Ext to US 41 | 15518 | 15444 | 44 | 2 | 2,195 | 27.99 | 4,101.13 | 146.51 | 0.16 | 643 |
| Tower Rd | Gunn Ext to US 41 | 15533 | 14550 | 44 | 2 | 2,186 | 29.23 | 85.28 | 2.92 | 0.16 | 13 |

Ridge Road Extension Analysis: Alternative 10 - Add Tower Road as Four Lanes

| Name | From - To | A-Node | B-Node | Facility Type | Number of Lanes | Volume | C. Speed | VMT | VHT | VC Ratio LOS-E | VMT*VCE |
|----------------|-----------------------------|--------|--------|---------------|-----------------|--------|----------|-----------|----------|----------------|-----------|
| Tower Rd | Gunn Ext to US 41 | 15533 | 15418 | 44 | 2 | 2,195 | 28.02 | 1,888.43 | 67.39 | 0.16 | 296 |
| Tower Rd | Gunn Ext to US 41 | 18110 | 15441 | 47 | 2 | 2,195 | 23.94 | 1,044.72 | 43.63 | 0.19 | 200 |
| Tower Rd | Gunn Ext to US 41 | 18110 | 15444 | 44 | 2 | 2,186 | 28.00 | 2,379.12 | 84.96 | 0.16 | 371 |
| Tower Rd | Starkey to Gunn Ext | 15441 | 15443 | 47 | 2 | 7,205 | 21.12 | 10,396.83 | 492.29 | 0.63 | 6,548 |
| Tower Rd | Starkey to Gunn Ext | 15443 | 15441 | 47 | 2 | 7,110 | 21.23 | 10,260.04 | 483.19 | 0.62 | 6,377 |
| Tower Rd | Starkey to Gunn Ext | 15443 | 18111 | 44 | 2 | 9,027 | 24.45 | 11,730.65 | 479.74 | 0.64 | 7,560 |
| Tower Rd | Starkey to Gunn Ext | 18111 | 15443 | 44 | 2 | 8,943 | 24.55 | 11,621.94 | 473.34 | 0.64 | 7,421 |
| US 41 | Ridge Rd Extension to SR 54 | 14327 | 14350 | 23 | 3 | 27,172 | 29.16 | 13,018.16 | 446.38 | 0.89 | 11,581 |
| US 41 | Ridge Rd Extension to SR 54 | 14350 | 14327 | 23 | 3 | 27,322 | 29.02 | 13,089.96 | 451.13 | 0.89 | 11,709 |
| US 41 | Ridge Rd Extension to SR 54 | 14350 | 14357 | 23 | 3 | 26,718 | 30.31 | 3,793.96 | 125.16 | 0.87 | 3,319 |
| US 41 | Ridge Rd Extension to SR 54 | 14357 | 14350 | 23 | 3 | 26,868 | 30.16 | 3,815.30 | 126.48 | 0.88 | 3,356 |
| US 41 | Ridge Rd Extension to SR 54 | 14357 | 14388 | 23 | 3 | 28,716 | 27.62 | 15,761.97 | 570.59 | 0.94 | 14,819 |
| US 41 | Ridge Rd Extension to SR 54 | 14388 | 14357 | 23 | 3 | 28,870 | 27.46 | 15,846.86 | 577.03 | 0.95 | 14,979 |
| US 41 | Ridge Rd Extension to SR 54 | 14388 | 14415 | 23 | 3 | 28,716 | 24.79 | 14,452.54 | 583.12 | 1.03 | 14,946 |
| US 41 | Ridge Rd Extension to SR 54 | 14415 | 14388 | 23 | 3 | 28,870 | 24.60 | 14,530.38 | 590.73 | 1.04 | 15,108 |
| US 41 | Ridge Rd Extension to SR 54 | 14415 | 14443 | 23 | 3 | 31,895 | 20.60 | 8,595.71 | 417.24 | 1.15 | 9,874 |
| US 41 | Ridge Rd Extension to SR 54 | 14443 | 14415 | 23 | 3 | 31,827 | 20.68 | 8,577.46 | 414.76 | 1.15 | 9,832 |
| US 41 | Ridge Rd Extension to SR 54 | 14443 | 14491 | 23 | 3 | 27,738 | 25.88 | 14,972.73 | 578.46 | 1.00 | 14,957 |
| US 41 | Ridge Rd Extension to SR 54 | 14491 | 14443 | 23 | 3 | 27,666 | 25.97 | 14,934.37 | 575.08 | 1.00 | 14,880 |
| US 41 | Ridge Rd Extension to SR 54 | 14491 | 14503 | 23 | 3 | 32,926 | 19.57 | 7,072.58 | 361.49 | 1.19 | 8,387 |
| US 41 | Ridge Rd Extension to SR 54 | 14503 | 14491 | 23 | 3 | 32,854 | 19.65 | 7,057.01 | 359.16 | 1.18 | 8,350 |
| US 41 | Ridge Rd Extension to SR 54 | 14503 | 14509 | 23 | 3 | 30,421 | 22.72 | 6,786.90 | 298.66 | 1.10 | 7,436 |
| US 41 | Ridge Rd Extension to SR 54 | 14509 | 14503 | 23 | 3 | 30,331 | 22.83 | 6,766.94 | 296.37 | 1.09 | 7,392 |
| US 41 | Ridge Rd Extension to SR 54 | 14509 | 14531 | 23 | 3 | 28,509 | 24.97 | 17,749.66 | 710.96 | 1.03 | 18,224 |
| US 41 | Ridge Rd Extension to SR 54 | 14531 | 14509 | 23 | 3 | 28,430 | 25.06 | 17,700.56 | 706.30 | 1.02 | 18,123 |
| US 41 | Ridge Rd Extension to SR 54 | 14531 | 14541 | 23 | 3 | 26,241 | 27.35 | 9,562.05 | 349.57 | 0.95 | 9,037 |
| US 41 | Ridge Rd Extension to SR 54 | 14541 | 14531 | 23 | 3 | 26,175 | 27.43 | 9,538.20 | 347.75 | 0.94 | 8,991 |
| US 41 | Ridge Rd Extension to SR 54 | 14541 | 14550 | 23 | 2 | 25,982 | 13.42 | 11,717.70 | 873.11 | 1.40 | 16,447 |
| US 41 | Ridge Rd Extension to SR 54 | 14550 | 14541 | 23 | 2 | 25,919 | 13.50 | 11,689.62 | 865.62 | 1.40 | 16,368 |
| US 41 | Ridge Rd Extension to SR 54 | 14550 | 14552 | 23 | 2 | 25,296 | 14.24 | 6,210.22 | 436.26 | 1.37 | 8,487 |
| US 41 | Ridge Rd Extension to SR 54 | 14552 | 14550 | 23 | 2 | 25,244 | 14.31 | 6,197.35 | 433.12 | 1.36 | 8,451 |
| US 41 | Ridge Rd Extension to SR 54 | 14552 | 14559 | 23 | 2 | 24,994 | 14.66 | 8,177.90 | 557.89 | 1.35 | 11,042 |
| US 41 | Ridge Rd Extension to SR 54 | 14559 | 14552 | 23 | 2 | 24,953 | 14.72 | 8,164.67 | 554.79 | 1.35 | 11,006 |
| US 41 | Ridge Rd Extension to SR 54 | 14559 | 14565 | 23 | 2 | 24,070 | 3.77 | 7,064.53 | 1,872.70 | 1.96 | 13,872 |
| US 41 | Ridge Rd Extension to SR 54 | 14565 | 14559 | 23 | 2 | 24,030 | 3.79 | 7,052.66 | 1,858.59 | 1.96 | 13,826 |
| US 41 | Ridge Rd Extension to SR 54 | 14565 | 14578 | 23 | 2 | 21,808 | 5.29 | 14,715.83 | 2,779.28 | 1.78 | 26,181 |
| US 41 | Ridge Rd Extension to SR 54 | 14578 | 14565 | 23 | 2 | 21,768 | 5.33 | 14,688.85 | 2,757.42 | 1.78 | 26,085 |
| US 41 | Ridge Rd Extension to SR 54 | 14578 | 14630 | 23 | 2 | 18,834 | 8.37 | 21,517.60 | 2,572.30 | 1.54 | 33,061 |
| US 41 | Ridge Rd Extension to SR 54 | 14630 | 14578 | 23 | 2 | 18,776 | 8.44 | 21,451.35 | 2,541.57 | 1.53 | 32,858 |
| US 41 | Ridge Rd Extension to SR 54 | 14630 | 14636 | 23 | 2 | 17,490 | 10.31 | 3,564.40 | 345.70 | 1.43 | 5,086 |
| US 41 | Ridge Rd Extension to SR 54 | 14636 | 14630 | 23 | 2 | 17,433 | 10.40 | 3,552.79 | 341.61 | 1.42 | 5,053 |
| US 41 | SR 52 to Ridge Rd Extension | 14636 | 14662 | 31 | 1 | 19,025 | 21.58 | 9,329.71 | 432.28 | 1.19 | 11,093 |
| US 41 | SR 52 to Ridge Rd Extension | 14662 | 14636 | 31 | 1 | 18,994 | 21.65 | 9,314.87 | 430.26 | 1.19 | 11,058 |
| US 41 | SR 52 to Ridge Rd Extension | 14662 | 14671 | 31 | 1 | 18,028 | 24.18 | 2,691.56 | 111.31 | 1.13 | 3,033 |
| US 41 | SR 52 to Ridge Rd Extension | 14671 | 14662 | 31 | 1 | 18,013 | 24.22 | 2,689.29 | 111.05 | 1.13 | 3,028 |
| US 41 | SR 52 to Ridge Rd Extension | 14671 | 14676 | 31 | 1 | 18,028 | 23.57 | 2,873.68 | 121.92 | 1.13 | 3,238 |
| US 41 | SR 52 to Ridge Rd Extension | 14676 | 14671 | 31 | 1 | 18,010 | 23.61 | 2,870.77 | 121.58 | 1.13 | 3,231 |
| US 41 | SR 52 to Ridge Rd Extension | 14676 | 14687 | 31 | 1 | 18,028 | 23.95 | 4,824.33 | 201.43 | 1.13 | 5,436 |
| US 41 | SR 52 to Ridge Rd Extension | 14687 | 14676 | 31 | 1 | 18,010 | 23.99 | 4,819.44 | 200.87 | 1.13 | 5,425 |
| US 41 | SR 52 to Ridge Rd Extension | 14687 | 14692 | 31 | 1 | 17,922 | 24.31 | 2,156.04 | 88.68 | 1.12 | 2,415 |
| US 41 | SR 52 to Ridge Rd Extension | 14692 | 14687 | 31 | 1 | 17,906 | 24.35 | 2,154.08 | 88.46 | 1.12 | 2,411 |
| US 41 | SR 52 to Ridge Rd Extension | 14692 | 14701 | 31 | 1 | 17,922 | 23.68 | 3,087.99 | 130.41 | 1.12 | 3,459 |
| US 41 | SR 52 to Ridge Rd Extension | 14701 | 14692 | 31 | 1 | 17,906 | 23.72 | 3,085.19 | 130.09 | 1.12 | 3,453 |
| US 41 | SR 52 to Ridge Rd Extension | 14701 | 14717 | 31 | 1 | 17,922 | 24.15 | 8,188.64 | 339.06 | 1.12 | 9,172 |
| US 41 | SR 52 to Ridge Rd Extension | 14717 | 14701 | 31 | 1 | 17,906 | 24.19 | 8,181.21 | 338.23 | 1.12 | 9,156 |
| US 41 | SR 52 to Ridge Rd Extension | 14717 | 14781 | 31 | 1 | 17,433 | 25.26 | 14,326.66 | 567.09 | 1.09 | 15,610 |
| US 41 | SR 52 to Ridge Rd Extension | 14781 | 14717 | 31 | 1 | 17,412 | 25.31 | 14,308.95 | 565.27 | 1.09 | 15,571 |
| Totals: | | | | | | | | 2,184,719 | 111,308 | | 2,312,943 |

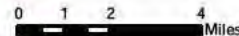
Avg. Speed: 19.63 Weighted VC Ratio: 1.059



**Tindale
Oliver**

Legend

- | | | | |
|-------------------|----------|------------|-----------|
| V/C Ratio (LOS E) | >0.5-0.8 | >0.95-1.05 | >1.2 |
| | < 0.5 | >0.8-0.95 | >1.05-1.2 |



Alternative 11
 Ridge Road Extension Analysis - TBRPM Model
 Peak Season Daily Traffic Volume (Two-way)
 and V/C Ratio by Roadway Segment

Ridge Road Extension Analysis: Alternative 11 - Add Four Elevated Lanes to SR 54

| Name | From - To | A-Node | B-Node | Facility Type | Number of Lanes | Volume | C. Speed | VMT | VHT | VC Ratio LOS-E | VMT*VCE |
|---------------|------------------------------|--------|--------|---------------|-----------------|--------|----------|-----------|--------|----------------|---------|
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14370 | 14373 | 41 | 1 | 11,164 | 11.35 | 2,213.81 | 195.10 | 1.36 | 3,006 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14373 | 14370 | 41 | 1 | 11,101 | 11.50 | 2,201.36 | 191.48 | 1.35 | 2,972 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14373 | 14381 | 41 | 1 | 11,164 | 11.12 | 1,612.08 | 144.93 | 1.36 | 2,189 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14381 | 14373 | 41 | 1 | 11,101 | 11.27 | 1,603.01 | 142.24 | 1.35 | 2,164 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14381 | 14407 | 41 | 1 | 8,900 | 17.61 | 4,821.99 | 273.79 | 1.08 | 5,219 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14407 | 14381 | 41 | 1 | 8,854 | 17.76 | 4,797.22 | 270.07 | 1.08 | 5,166 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14407 | 14439 | 41 | 1 | 3,972 | 31.83 | 2,663.73 | 83.69 | 0.48 | 1,287 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14439 | 14407 | 41 | 1 | 3,926 | 31.89 | 2,633.15 | 82.56 | 0.48 | 1,257 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14439 | 14470 | 41 | 2 | 8,085 | 32.04 | 4,180.67 | 130.47 | 0.48 | 2,007 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14470 | 14439 | 41 | 2 | 8,057 | 32.06 | 4,166.33 | 129.94 | 0.48 | 1,993 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14470 | 14528 | 32 | 1 | 9,823 | 23.50 | 11,167.64 | 475.24 | 0.93 | 10,414 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14528 | 14470 | 32 | 1 | 9,879 | 23.34 | 11,231.10 | 481.28 | 0.94 | 10,533 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14528 | 14551 | 32 | 1 | 6,782 | 31.52 | 4,329.55 | 137.37 | 0.64 | 2,788 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14551 | 14528 | 32 | 1 | 6,849 | 31.38 | 4,372.32 | 139.35 | 0.65 | 2,843 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14551 | 14568 | 32 | 1 | 7,888 | 28.69 | 4,238.86 | 147.73 | 0.75 | 3,174 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14568 | 14551 | 32 | 1 | 7,964 | 28.50 | 4,279.75 | 150.17 | 0.76 | 3,236 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14568 | 14585 | 32 | 1 | 7,888 | 28.85 | 4,973.20 | 172.36 | 0.75 | 3,724 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14585 | 14568 | 32 | 1 | 7,964 | 28.66 | 5,021.18 | 175.20 | 0.76 | 3,796 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14585 | 14623 | 32 | 1 | 8,747 | 26.57 | 5,309.13 | 199.79 | 0.83 | 4,408 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14623 | 14585 | 32 | 1 | 8,822 | 26.36 | 5,354.67 | 203.12 | 0.84 | 4,484 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14623 | 14700 | 32 | 1 | 6,991 | 30.97 | 9,274.88 | 299.47 | 0.66 | 6,156 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14700 | 14623 | 32 | 1 | 7,080 | 30.78 | 9,393.50 | 305.23 | 0.67 | 6,314 |
| SR 52 | Moon Lake to Suncoast | 14691 | 14693 | 23 | 3 | 17,831 | 34.96 | 6,848.82 | 195.89 | 0.64 | 4,398 |
| SR 52 | Moon Lake to Suncoast | 14691 | 14713 | 23 | 3 | 17,939 | 35.10 | 17,495.95 | 498.46 | 0.65 | 11,303 |
| SR 52 | Moon Lake to Suncoast | 14693 | 14691 | 23 | 3 | 17,939 | 34.90 | 6,890.39 | 197.44 | 0.65 | 4,452 |
| SR 52 | Moon Lake to Suncoast | 14693 | 14694 | 23 | 3 | 17,931 | 35.25 | 4,789.44 | 135.87 | 0.65 | 3,093 |
| SR 52 | Moon Lake to Suncoast | 14694 | 14693 | 23 | 3 | 18,031 | 35.19 | 4,816.12 | 136.86 | 0.65 | 3,127 |
| SR 52 | Moon Lake to Suncoast | 14694 | 14700 | 23 | 3 | 17,052 | 35.62 | 2,593.63 | 72.81 | 0.61 | 1,593 |
| SR 52 | Moon Lake to Suncoast | 14700 | 14694 | 23 | 3 | 17,131 | 35.58 | 2,605.57 | 73.23 | 0.62 | 1,608 |
| SR 52 | Moon Lake to Suncoast | 14713 | 14691 | 23 | 3 | 17,831 | 35.16 | 17,390.40 | 494.55 | 0.64 | 11,168 |
| SR 52 | Moon Lake to Suncoast | 14713 | 14718 | 23 | 3 | 17,939 | 21.48 | 3,948.38 | 183.79 | 0.98 | 3,852 |
| SR 52 | Moon Lake to Suncoast | 14718 | 14713 | 23 | 3 | 17,831 | 21.64 | 3,924.56 | 181.37 | 0.97 | 3,806 |
| SR 52 | Moon Lake to Suncoast | 14718 | 14723 | 23 | 3 | 17,943 | 21.57 | 2,305.62 | 106.90 | 0.98 | 2,250 |
| SR 52 | Moon Lake to Suncoast | 14723 | 14718 | 23 | 3 | 17,831 | 21.73 | 2,291.33 | 105.45 | 0.97 | 2,222 |
| SR 52 | Moon Lake to Suncoast | 14723 | 14727 | 23 | 3 | 19,126 | 19.60 | 1,845.63 | 94.18 | 1.04 | 1,920 |
| SR 52 | Moon Lake to Suncoast | 14727 | 14723 | 23 | 3 | 19,011 | 19.76 | 1,834.59 | 92.82 | 1.03 | 1,897 |
| SR 52 | Moon Lake to Suncoast | 14727 | 14734 | 23 | 3 | 19,126 | 19.53 | 6,389.89 | 327.15 | 1.04 | 6,647 |
| SR 52 | Moon Lake to Suncoast | 14734 | 14727 | 23 | 3 | 19,011 | 19.70 | 6,351.69 | 322.44 | 1.03 | 6,567 |
| SR 52 | Moon Lake to Suncoast | 14734 | 14738 | 23 | 3 | 20,123 | 18.20 | 3,692.57 | 202.86 | 1.09 | 4,041 |
| SR 52 | Moon Lake to Suncoast | 14738 | 14734 | 23 | 3 | 19,971 | 18.43 | 3,664.71 | 198.90 | 1.09 | 3,981 |
| SR 52 | Moon Lake to Suncoast | 14738 | 14749 | 23 | 3 | 20,200 | 17.89 | 7,229.49 | 404.10 | 1.10 | 7,942 |
| SR 52 | Moon Lake to Suncoast | 14749 | 14738 | 23 | 3 | 20,060 | 18.09 | 7,179.44 | 396.81 | 1.09 | 7,833 |
| SR 52 | Moon Lake to Suncoast | 14749 | 14752 | 23 | 3 | 12,062 | 27.53 | 1,324.37 | 48.11 | 0.66 | 869 |
| SR 52 | Moon Lake to Suncoast | 14752 | 14749 | 23 | 3 | 23,632 | 13.06 | 2,594.75 | 198.74 | 1.29 | 3,335 |
| SR 52 | Suncoast to US 41 | 14752 | 14757 | 32 | 1 | 16,061 | 8.86 | 1,610.90 | 181.81 | 1.52 | 2,456 |
| SR 52 | Suncoast to US 41 | 14757 | 14752 | 32 | 1 | 15,767 | 9.30 | 1,581.45 | 170.11 | 1.50 | 2,367 |
| SR 52 | Suncoast to US 41 | 14757 | 14767 | 32 | 1 | 14,922 | 10.90 | 7,461.00 | 684.38 | 1.42 | 10,570 |
| SR 52 | Suncoast to US 41 | 14762 | 14765 | 32 | 1 | 12,181 | 16.88 | 1,538.51 | 91.16 | 1.16 | 1,779 |
| SR 52 | Suncoast to US 41 | 14762 | 14767 | 32 | 1 | 11,275 | 19.30 | 13,283.36 | 688.15 | 1.07 | 14,219 |
| SR 52 | Suncoast to US 41 | 14765 | 14762 | 32 | 1 | 12,031 | 17.27 | 1,519.53 | 88.00 | 1.14 | 1,736 |
| SR 52 | Suncoast to US 41 | 14765 | 14773 | 32 | 1 | 12,295 | 16.45 | 2,787.33 | 169.43 | 1.17 | 3,254 |
| SR 52 | Suncoast to US 41 | 14767 | 14757 | 32 | 1 | 14,644 | 11.41 | 7,321.98 | 641.75 | 1.39 | 10,179 |
| SR 52 | Suncoast to US 41 | 14767 | 14762 | 32 | 1 | 11,417 | 18.91 | 13,450.94 | 711.36 | 1.08 | 14,580 |
| SR 52 | Suncoast to US 41 | 14773 | 14765 | 32 | 1 | 12,150 | 16.82 | 2,754.40 | 163.74 | 1.15 | 3,177 |
| SR 52 | Suncoast to US 41 | 14773 | 14774 | 32 | 1 | 11,809 | 17.89 | 5,764.12 | 322.20 | 1.12 | 6,462 |
| SR 52 | Suncoast to US 41 | 14774 | 14773 | 32 | 1 | 11,659 | 18.30 | 5,690.72 | 311.05 | 1.11 | 6,299 |
| SR 52 | Suncoast to US 41 | 14774 | 14781 | 32 | 1 | 11,050 | 19.89 | 4,837.90 | 243.25 | 1.05 | 5,075 |
| SR 52 | Suncoast to US 41 | 14781 | 14774 | 32 | 1 | 10,913 | 20.28 | 4,777.62 | 235.60 | 1.04 | 4,950 |
| SR 54 | Starkey to Suncoast | 14107 | 14109 | 23 | 3 | 24,009 | 30.07 | 21,459.25 | 713.73 | 0.86 | 18,555 |
| SR 54 | Starkey to Suncoast | 14107 | 14114 | 23 | 3 | 23,864 | 30.11 | 17,335.04 | 575.72 | 0.86 | 14,899 |
| SR 54 | Starkey to Suncoast | 14109 | 14107 | 23 | 3 | 23,366 | 30.73 | 20,884.23 | 679.62 | 0.84 | 17,574 |

Ridge Road Extension Analysis: Alternative 11 - Add Four Elevated Lanes to SR 54

| Name | From - To | A-Node | B-Node | Facility Type | Number of Lanes | Volume | C. Speed | VMT | VHT | VC Ratio LOS-E | VMT*VCE |
|----------|---------------------|--------|--------|---------------|-----------------|--------|----------|-----------|----------|----------------|---------|
| SR 54 | Starkey to Suncoast | 14109 | 14118 | 23 | 3 | 23,986 | 30.26 | 7,339.74 | 242.55 | 0.86 | 6,340 |
| SR 54 | Starkey to Suncoast | 14114 | 14107 | 23 | 3 | 24,535 | 29.40 | 17,822.16 | 606.15 | 0.88 | 15,748 |
| SR 54 | Starkey to Suncoast | 14114 | 14121 | 23 | 3 | 23,864 | 29.93 | 3,596.35 | 120.15 | 0.86 | 3,091 |
| SR 54 | Starkey to Suncoast | 14118 | 14109 | 23 | 3 | 23,339 | 30.93 | 7,141.65 | 230.89 | 0.84 | 6,003 |
| SR 54 | Starkey to Suncoast | 14118 | 14120 | 23 | 3 | 23,986 | 29.43 | 2,825.56 | 96.01 | 0.86 | 2,441 |
| SR 54 | Starkey to Suncoast | 14120 | 14118 | 23 | 3 | 23,339 | 30.08 | 2,749.30 | 91.39 | 0.84 | 2,311 |
| SR 54 | Starkey to Suncoast | 14120 | 14124 | 23 | 3 | 28,346 | 24.93 | 3,033.07 | 121.67 | 1.02 | 3,096 |
| SR 54 | Starkey to Suncoast | 14121 | 14114 | 23 | 3 | 24,535 | 29.23 | 3,697.41 | 126.50 | 0.88 | 3,267 |
| SR 54 | Starkey to Suncoast | 14124 | 14120 | 23 | 3 | 27,759 | 25.63 | 2,970.17 | 115.89 | 1.00 | 2,969 |
| SR 54 | Starkey to Suncoast | 14124 | 14151 | 23 | 3 | 31,716 | 20.96 | 23,222.66 | 1,108.03 | 1.14 | 26,526 |
| SR 54 | Starkey to Suncoast | 14151 | 14124 | 23 | 3 | 31,055 | 21.74 | 22,738.48 | 1,045.76 | 1.12 | 25,431 |
| SR 54 | Starkey to Suncoast | 14151 | 14163 | 23 | 3 | 31,067 | 22.02 | 9,935.13 | 451.22 | 1.12 | 11,116 |
| SR 54 | Starkey to Suncoast | 14163 | 14151 | 23 | 3 | 30,439 | 22.78 | 9,734.53 | 427.34 | 1.10 | 10,672 |
| SR 54 | Starkey to Suncoast | 14163 | 14167 | 23 | 3 | 30,576 | 22.73 | 5,898.03 | 259.44 | 1.10 | 6,495 |
| SR 54 | Starkey to Suncoast | 14167 | 14163 | 23 | 3 | 29,981 | 23.46 | 5,783.36 | 246.50 | 1.08 | 6,245 |
| SR 54 | Starkey to Suncoast | 14167 | 14172 | 23 | 3 | 26,782 | 26.84 | 11,995.86 | 446.98 | 0.96 | 11,571 |
| SR 54 | Starkey to Suncoast | 14172 | 14167 | 23 | 3 | 26,289 | 27.41 | 11,774.63 | 429.57 | 0.95 | 11,148 |
| SR 54 | Starkey to Suncoast | 14172 | 14177 | 23 | 3 | 26,557 | 27.15 | 11,918.69 | 438.92 | 0.96 | 11,399 |
| SR 54 | Starkey to Suncoast | 14174 | 14181 | 23 | 3 | 25,961 | 27.90 | 26,311.97 | 943.13 | 0.93 | 24,601 |
| SR 54 | Starkey to Suncoast | 14174 | 14199 | 23 | 3 | 23,627 | 30.40 | 11,657.48 | 383.48 | 0.85 | 9,919 |
| SR 54 | Starkey to Suncoast | 14177 | 14172 | 23 | 3 | 26,084 | 27.70 | 11,706.70 | 422.63 | 0.94 | 10,998 |
| SR 54 | Starkey to Suncoast | 14177 | 14181 | 23 | 3 | 26,043 | 27.67 | 14,120.48 | 510.23 | 0.94 | 13,244 |
| SR 54 | Starkey to Suncoast | 14181 | 14174 | 23 | 3 | 26,452 | 27.33 | 26,808.62 | 980.78 | 0.95 | 25,539 |
| SR 54 | Starkey to Suncoast | 14181 | 14177 | 23 | 3 | 25,577 | 28.20 | 13,867.80 | 491.73 | 0.92 | 12,774 |
| SR 54 | Starkey to Suncoast | 14199 | 14174 | 23 | 3 | 23,344 | 30.69 | 11,517.93 | 375.35 | 0.84 | 9,683 |
| SR 54 | Starkey to Suncoast | 14199 | 14210 | 23 | 4 | 26,896 | 32.28 | 5,661.62 | 175.39 | 0.79 | 4,479 |
| SR 54 | Starkey to Suncoast | 14210 | 14199 | 23 | 4 | 26,199 | 32.79 | 5,514.81 | 168.17 | 0.77 | 4,249 |
| SR 54 | Starkey to Suncoast | 14210 | 14217 | 23 | 3 | 26,449 | 27.62 | 3,046.94 | 110.32 | 0.95 | 2,902 |
| SR 54 | Starkey to Suncoast | 14217 | 14210 | 23 | 3 | 26,576 | 27.47 | 3,061.53 | 111.44 | 0.96 | 2,930 |
| SR 54 | Suncoast to US 41 | 14217 | 14227 | 23 | 4 | 27,171 | 32.09 | 7,803.64 | 243.19 | 0.80 | 6,236 |
| SR 54 | Suncoast to US 41 | 14227 | 14217 | 23 | 4 | 26,464 | 32.62 | 7,600.38 | 233.01 | 0.78 | 5,916 |
| SR 54 | Suncoast to US 41 | 14227 | 14246 | 23 | 3 | 26,941 | 26.65 | 12,064.08 | 452.74 | 0.97 | 11,705 |
| SR 54 | Suncoast to US 41 | 14246 | 14227 | 23 | 3 | 26,464 | 27.20 | 11,850.45 | 435.65 | 0.95 | 11,294 |
| SR 54 | Suncoast to US 41 | 14246 | 14257 | 23 | 3 | 24,499 | 29.37 | 10,343.48 | 352.17 | 0.88 | 9,126 |
| SR 54 | Suncoast to US 41 | 14257 | 14246 | 23 | 3 | 24,058 | 29.84 | 10,157.45 | 340.43 | 0.87 | 8,801 |
| SR 54 | Suncoast to US 41 | 14257 | 14268 | 23 | 3 | 24,502 | 29.72 | 6,718.47 | 226.07 | 0.88 | 5,929 |
| SR 54 | Suncoast to US 41 | 14268 | 14257 | 23 | 3 | 24,031 | 30.22 | 6,589.16 | 218.02 | 0.87 | 5,703 |
| SR 54 | Suncoast to US 41 | 14268 | 14285 | 23 | 3 | 22,513 | 31.52 | 20,948.80 | 664.59 | 0.81 | 16,986 |
| SR 54 | Suncoast to US 41 | 14285 | 14268 | 23 | 3 | 22,042 | 31.96 | 20,510.35 | 641.71 | 0.79 | 16,282 |
| SR 54 | Suncoast to US 41 | 14285 | 15330 | 23 | 3 | 24,641 | 29.55 | 8,479.08 | 286.98 | 0.89 | 7,525 |
| SR 54 | Suncoast to US 41 | 14313 | 14316 | 23 | 3 | 24,755 | 29.19 | 11,738.89 | 402.12 | 0.89 | 10,466 |
| SR 54 | Suncoast to US 41 | 14313 | 15330 | 23 | 3 | 22,447 | 31.56 | 12,350.42 | 391.39 | 0.81 | 9,984 |
| SR 54 | Suncoast to US 41 | 14314 | 14316 | 23 | 3 | 27,782 | 25.67 | 15,427.40 | 601.07 | 1.00 | 15,436 |
| SR 54 | Suncoast to US 41 | 14314 | 14329 | 23 | 3 | 30,639 | 22.29 | 11,434.54 | 513.04 | 1.10 | 12,617 |
| SR 54 | Suncoast to US 41 | 14316 | 14313 | 23 | 3 | 24,529 | 29.44 | 11,631.70 | 395.14 | 0.88 | 10,275 |
| SR 54 | Suncoast to US 41 | 14316 | 14314 | 23 | 3 | 28,013 | 25.39 | 15,555.70 | 612.65 | 1.01 | 15,694 |
| SR 54 | Suncoast to US 41 | 14327 | 14330 | 23 | 4 | 42,466 | 17.47 | 9,584.64 | 548.77 | 1.25 | 11,971 |
| SR 54 | Suncoast to US 41 | 14329 | 14314 | 23 | 3 | 30,398 | 22.58 | 11,344.42 | 502.45 | 1.09 | 12,419 |
| SR 54 | Suncoast to US 41 | 14329 | 14330 | 23 | 3 | 29,574 | 23.62 | 3,936.33 | 166.66 | 1.07 | 4,193 |
| SR 54 | Suncoast to US 41 | 14330 | 14327 | 23 | 4 | 42,650 | 17.30 | 9,626.00 | 556.26 | 1.25 | 12,075 |
| SR 54 | Suncoast to US 41 | 14330 | 14329 | 23 | 3 | 29,333 | 23.91 | 3,904.21 | 163.28 | 1.06 | 4,124 |
| SR 54 | Suncoast to US 41 | 15330 | 14285 | 23 | 3 | 24,309 | 29.91 | 8,364.64 | 279.71 | 0.88 | 7,323 |
| SR 54 | Suncoast to US 41 | 15330 | 14313 | 23 | 3 | 24,130 | 29.87 | 13,276.51 | 444.50 | 0.87 | 11,538 |
| SR 54 EL | Starkey to US 100 | 18155 | 18156 | 92 | 2 | 13,465 | 49.02 | 1,577.61 | 32.18 | 0.44 | 693 |
| SR 54 EL | Starkey to US 101 | 18156 | 18157 | 92 | 2 | 13,465 | 48.49 | 1,200.36 | 24.76 | 0.44 | 527 |
| SR 54 EL | Starkey to US 102 | 18157 | 18158 | 92 | 2 | 13,465 | 51.62 | 1,277.94 | 24.76 | 0.44 | 561 |
| SR 54 EL | Starkey to US 103 | 18158 | 18159 | 92 | 2 | 13,465 | 50.31 | 5,978.48 | 118.83 | 0.44 | 2,625 |
| SR 54 EL | Starkey to US 104 | 18159 | 18160 | 92 | 2 | 13,465 | 49.70 | 1,722.51 | 34.66 | 0.44 | 756 |
| SR 54 EL | Starkey to US 105 | 18160 | 18161 | 99 | 2 | 13,465 | 1.34 | 663.13 | 495.52 | 0.35 | 233 |
| SR 54 EL | Starkey to US 106 | 18161 | 18162 | 92 | 2 | 13,465 | 48.58 | 1,563.59 | 32.18 | 0.44 | 687 |
| SR 54 EL | Starkey to US 107 | 18162 | 18124 | 92 | 2 | 13,465 | 50.38 | 2,369.81 | 47.04 | 0.44 | 1,041 |

Ridge Road Extension Analysis: Alternative 11 - Add Four Elevated Lanes to SR 54

| Name | From - To | A-Node | B-Node | Facility Type | Number of Lanes | Volume | C. Speed | VMT | VHT | VC Ratio LOS-E | VMT*VCE |
|----------|-------------------|--------|--------|---------------|-----------------|--------|----------|-----------|--------|----------------|---------|
| SR 54 EL | Starkey to US 108 | 18164 | 18165 | 92 | 2 | 13,523 | 50.15 | 2,118.00 | 42.24 | 0.44 | 934 |
| SR 54 EL | Starkey to US 109 | 18165 | 18166 | 99 | 2 | 13,523 | 1.40 | 698.52 | 497.64 | 0.35 | 246 |
| SR 54 EL | Starkey to US 110 | 18166 | 18167 | 92 | 2 | 13,523 | 50.89 | 2,275.75 | 44.72 | 0.44 | 1,004 |
| SR 54 EL | Starkey to US 111 | 18167 | 18168 | 92 | 2 | 13,523 | 49.80 | 5,815.86 | 116.77 | 0.44 | 2,565 |
| SR 54 EL | Starkey to US 112 | 18168 | 18169 | 92 | 2 | 13,523 | 49.57 | 1,477.98 | 29.81 | 0.44 | 652 |
| SR 54 EL | Starkey to US 113 | 18169 | 18170 | 92 | 2 | 13,523 | 50.56 | 1,381.82 | 27.33 | 0.44 | 609 |
| SR 54 EL | Starkey to US 114 | 18170 | 18171 | 92 | 2 | 13,523 | 50.23 | 1,622.40 | 32.30 | 0.44 | 715 |
| SR 54 EL | Starkey to US 115 | 18171 | 18172 | 92 | 2 | 13,523 | 50.21 | 5,488.51 | 109.32 | 0.44 | 2,420 |
| SR 54 EL | Starkey to US 116 | 18172 | 18122 | 92 | 2 | 13,523 | 51.00 | 1,647.20 | 32.30 | 0.44 | 726 |
| SR 54 EL | Starkey to US 117 | 18173 | 18125 | 71 | 2 | 13,523 | 29.25 | 2,549.29 | 87.14 | 0.42 | 1,074 |
| SR 54 EL | Starkey to US 118 | 18174 | 14330 | 71 | 2 | 13,465 | 29.45 | 2,420.29 | 82.19 | 0.42 | 1,015 |
| SR 54 EL | Starkey to US 119 | 18175 | 18128 | 99 | 2 | 18,736 | 0.94 | 889.85 | 948.04 | 0.49 | 435 |
| SR 54 EL | Starkey to US 120 | 18176 | 18133 | 92 | 2 | 19,292 | 45.66 | 6,787.82 | 148.65 | 0.63 | 4,270 |
| SR 54 EL | Starkey to US 121 | 18177 | 18123 | 92 | 2 | 13,601 | 52.60 | 1,053.54 | 20.03 | 0.44 | 467 |
| SR 54 EL | Starkey to US 41 | 14130 | 18110 | 71 | 2 | 18,736 | 28.60 | 5,558.59 | 194.34 | 0.58 | 3,243 |
| SR 54 EL | Starkey to US 42 | 14167 | 18113 | 71 | 1 | 2,658 | 29.81 | 740.16 | 24.83 | 0.17 | 123 |
| SR 54 EL | Starkey to US 43 | 14167 | 18115 | 71 | 1 | 5,720 | 29.48 | 1,589.57 | 53.91 | 0.36 | 566 |
| SR 54 EL | Starkey to US 44 | 14199 | 18117 | 71 | 2 | 2,045 | 30.23 | 597.64 | 19.77 | 0.06 | 38 |
| SR 54 EL | Starkey to US 45 | 14227 | 18118 | 71 | 2 | 231 | 30.11 | 77.56 | 2.58 | 0.01 | 1 |
| SR 54 EL | Starkey to US 46 | 14227 | 18119 | 71 | 2 | 0 | 29.93 | 0.00 | 0.00 | 0.00 | 0 |
| SR 54 EL | Starkey to US 47 | 14285 | 18150 | 71 | 1 | 735 | 30.01 | 150.81 | 5.02 | 0.05 | 7 |
| SR 54 EL | Starkey to US 48 | 14285 | 18177 | 71 | 1 | 546 | 30.10 | 186.38 | 6.19 | 0.03 | 6 |
| SR 54 EL | Starkey to US 49 | 14330 | 18173 | 71 | 2 | 13,523 | 29.99 | 1,857.19 | 61.92 | 0.42 | 782 |
| SR 54 EL | Starkey to US 50 | 18110 | 18126 | 92 | 2 | 18,736 | 45.77 | 7,570.42 | 165.42 | 0.61 | 4,625 |
| SR 54 EL | Starkey to US 51 | 18111 | 14130 | 71 | 2 | 19,292 | 28.45 | 6,016.71 | 211.47 | 0.60 | 3,615 |
| SR 54 EL | Starkey to US 52 | 18112 | 14167 | 71 | 1 | 5,830 | 29.57 | 1,567.93 | 53.02 | 0.36 | 569 |
| SR 54 EL | Starkey to US 53 | 18112 | 18136 | 92 | 2 | 12,906 | 50.24 | 3,548.03 | 70.63 | 0.42 | 1,493 |
| SR 54 EL | Starkey to US 54 | 18113 | 18129 | 92 | 2 | 15,564 | 48.19 | 15,620.59 | 324.12 | 0.51 | 7,928 |
| SR 54 EL | Starkey to US 55 | 18114 | 14167 | 71 | 1 | 2,075 | 30.15 | 573.64 | 19.02 | 0.13 | 74 |
| SR 54 EL | Starkey to US 56 | 18114 | 18131 | 92 | 2 | 13,572 | 49.10 | 3,802.65 | 77.45 | 0.44 | 1,683 |
| SR 54 EL | Starkey to US 57 | 18115 | 18132 | 92 | 2 | 19,292 | 45.22 | 15,211.46 | 336.41 | 0.63 | 9,569 |
| SR 54 EL | Starkey to US 58 | 18116 | 14199 | 71 | 2 | 2,411 | 29.95 | 698.02 | 23.31 | 0.08 | 52 |
| SR 54 EL | Starkey to US 59 | 18116 | 18118 | 92 | 2 | 13,153 | 50.12 | 16,273.59 | 324.68 | 0.43 | 6,980 |
| SR 54 EL | Starkey to US 60 | 18117 | 18142 | 92 | 2 | 15,646 | 48.48 | 3,918.38 | 80.83 | 0.51 | 1,999 |
| SR 54 EL | Starkey to US 61 | 18118 | 18147 | 92 | 2 | 13,384 | 51.06 | 1,758.52 | 34.44 | 0.44 | 767 |
| SR 54 EL | Starkey to US 62 | 18119 | 18117 | 92 | 2 | 13,601 | 49.89 | 17,111.17 | 342.97 | 0.44 | 7,589 |
| SR 54 EL | Starkey to US 63 | 18120 | 14285 | 71 | 1 | 654 | 29.97 | 268.03 | 8.94 | 0.04 | 11 |
| SR 54 EL | Starkey to US 64 | 18120 | 18152 | 92 | 2 | 12,730 | 50.08 | 8,009.65 | 159.95 | 0.42 | 3,325 |
| SR 54 EL | Starkey to US 65 | 18121 | 18154 | 92 | 2 | 13,465 | 50.71 | 2,008.46 | 39.61 | 0.44 | 882 |
| SR 54 EL | Starkey to US 66 | 18122 | 18151 | 71 | 1 | 468 | 30.50 | 59.46 | 1.95 | 0.03 | 2 |
| SR 54 EL | Starkey to US 67 | 18122 | 18153 | 92 | 2 | 13,055 | 50.22 | 2,154.73 | 42.91 | 0.43 | 917 |
| SR 54 EL | Starkey to US 68 | 18123 | 18149 | 99 | 2 | 13,601 | 1.35 | 676.19 | 501.09 | 0.35 | 240 |
| SR 54 EL | Starkey to US 69 | 18124 | 18174 | 71 | 2 | 13,465 | 28.90 | 1,583.41 | 54.79 | 0.42 | 664 |
| SR 54 EL | Starkey to US 70 | 18125 | 18164 | 92 | 2 | 13,523 | 48.53 | 1,567.58 | 32.30 | 0.44 | 691 |
| SR 54 EL | Starkey to US 71 | 18126 | 18127 | 92 | 2 | 18,736 | 45.59 | 22,966.24 | 503.77 | 0.61 | 14,031 |
| SR 54 EL | Starkey to US 72 | 18127 | 18175 | 92 | 2 | 18,736 | 45.62 | 14,406.08 | 315.79 | 0.61 | 8,802 |
| SR 54 EL | Starkey to US 73 | 18128 | 18112 | 92 | 2 | 18,736 | 45.82 | 14,813.72 | 323.31 | 0.61 | 9,051 |
| SR 54 EL | Starkey to US 74 | 18129 | 18137 | 92 | 2 | 15,564 | 48.97 | 2,038.80 | 41.63 | 0.51 | 1,035 |
| SR 54 EL | Starkey to US 75 | 18130 | 18114 | 92 | 2 | 15,646 | 47.71 | 15,711.76 | 329.30 | 0.51 | 8,016 |
| SR 54 EL | Starkey to US 76 | 18131 | 18115 | 92 | 2 | 13,572 | 50.03 | 3,749.61 | 74.95 | 0.44 | 1,659 |
| SR 54 EL | Starkey to US 77 | 18132 | 18176 | 99 | 2 | 19,292 | 0.90 | 874.59 | 976.18 | 0.50 | 440 |
| SR 54 EL | Starkey to US 78 | 18133 | 18134 | 92 | 2 | 19,292 | 45.08 | 7,934.92 | 176.03 | 0.63 | 4,992 |
| SR 54 EL | Starkey to US 79 | 18134 | 18135 | 92 | 2 | 19,292 | 45.26 | 23,372.31 | 516.36 | 0.63 | 14,703 |
| SR 54 EL | Starkey to US 80 | 18135 | 18111 | 92 | 2 | 19,292 | 44.84 | 7,366.94 | 164.29 | 0.63 | 4,634 |
| SR 54 EL | Starkey to US 81 | 18136 | 18113 | 92 | 2 | 12,906 | 50.41 | 3,441.49 | 68.27 | 0.42 | 1,448 |
| SR 54 EL | Starkey to US 82 | 18137 | 18138 | 92 | 2 | 15,564 | 47.86 | 9,962.28 | 208.15 | 0.51 | 5,056 |
| SR 54 EL | Starkey to US 83 | 18138 | 18139 | 92 | 2 | 15,564 | 47.86 | 2,561.64 | 53.52 | 0.51 | 1,300 |
| SR 54 EL | Starkey to US 84 | 18139 | 18140 | 99 | 2 | 15,564 | 0.98 | 702.95 | 715.96 | 0.41 | 285 |
| SR 54 EL | Starkey to US 85 | 18140 | 18141 | 92 | 2 | 15,564 | 46.95 | 2,513.04 | 53.52 | 0.51 | 1,275 |
| SR 54 EL | Starkey to US 86 | 18141 | 18116 | 92 | 2 | 15,564 | 48.69 | 3,764.32 | 77.31 | 0.51 | 1,911 |
| SR 54 EL | Starkey to US 87 | 18142 | 18143 | 92 | 2 | 15,646 | 46.55 | 2,229.56 | 47.90 | 0.51 | 1,138 |

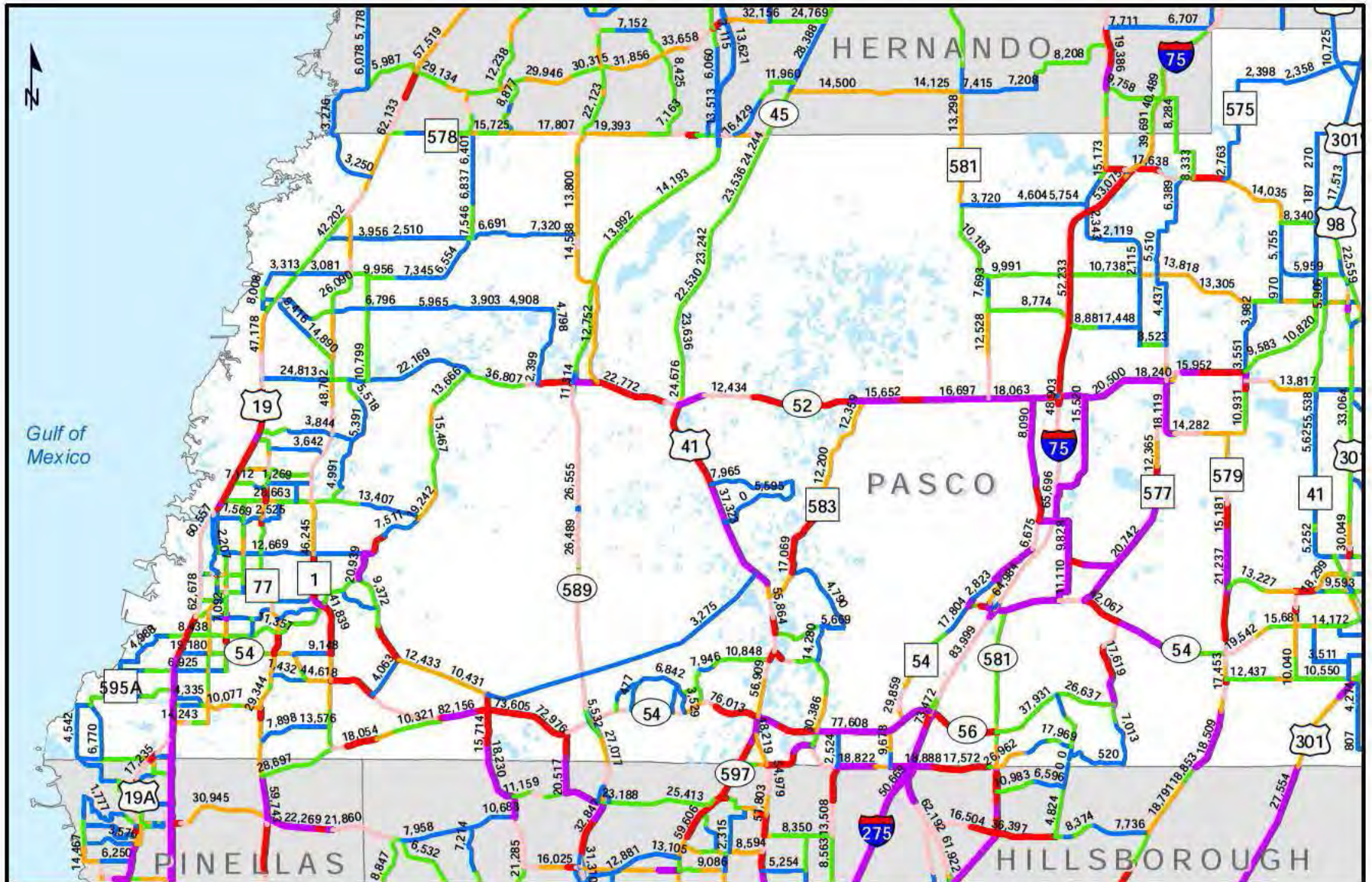
Ridge Road Extension Analysis: Alternative 11 - Add Four Elevated Lanes to SR 54

| Name | From - To | A-Node | B-Node | Facility Type | Number of Lanes | Volume | C. Speed | VMT | VHT | VC Ratio LOS-E | VMT*VCE |
|--------------|-----------------------------|--------|--------|---------------|-----------------|--------|----------|-----------|----------|----------------|---------|
| SR 54 EL | Starkey to US 88 | 18143 | 18144 | 99 | 2 | 15,646 | 0.90 | 645.21 | 719.74 | 0.41 | 263 |
| SR 54 EL | Starkey to US 89 | 18144 | 18145 | 92 | 2 | 15,646 | 49.38 | 2,069.49 | 41.91 | 0.51 | 1,056 |
| SR 54 EL | Starkey to US 90 | 18145 | 18146 | 92 | 2 | 15,646 | 48.06 | 10,214.32 | 212.55 | 0.51 | 5,211 |
| SR 54 EL | Starkey to US 91 | 18146 | 18130 | 92 | 2 | 15,646 | 47.77 | 2,287.86 | 47.90 | 0.51 | 1,167 |
| SR 54 EL | Starkey to US 92 | 18147 | 18148 | 92 | 2 | 13,384 | 49.73 | 15,169.44 | 305.06 | 0.44 | 6,621 |
| SR 54 EL | Starkey to US 93 | 18148 | 18120 | 99 | 2 | 13,384 | 1.48 | 726.92 | 492.54 | 0.35 | 254 |
| SR 54 EL | Starkey to US 94 | 18149 | 18119 | 92 | 2 | 13,601 | 49.96 | 17,259.86 | 345.47 | 0.44 | 7,655 |
| SR 54 EL | Starkey to US 95 | 18150 | 18121 | 71 | 1 | 735 | 30.48 | 97.12 | 3.19 | 0.05 | 4 |
| SR 54 EL | Starkey to US 96 | 18151 | 14285 | 71 | 1 | 468 | 30.16 | 94.08 | 3.12 | 0.03 | 3 |
| SR 54 EL | Starkey to US 97 | 18152 | 18121 | 92 | 2 | 12,730 | 51.74 | 1,559.05 | 30.13 | 0.42 | 647 |
| SR 54 EL | Starkey to US 98 | 18153 | 18177 | 92 | 2 | 13,055 | 50.60 | 6,513.33 | 128.73 | 0.43 | 2,773 |
| SR 54 EL | Starkey to US 99 | 18154 | 18155 | 92 | 2 | 13,465 | 49.48 | 5,757.60 | 116.35 | 0.44 | 2,528 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14121 | 14150 | 43 | 2 | 6,970 | 28.79 | 2,516.95 | 87.43 | 0.46 | 1,158 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14150 | 14121 | 43 | 2 | 6,969 | 28.79 | 2,516.57 | 87.41 | 0.46 | 1,158 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14150 | 14241 | 43 | 1 | 7,247 | 18.75 | 13,234.39 | 705.80 | 0.96 | 12,753 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14241 | 14150 | 43 | 1 | 7,248 | 18.75 | 13,236.80 | 706.10 | 0.96 | 12,758 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14241 | 14255 | 43 | 1 | 7,247 | 18.83 | 1,857.29 | 98.62 | 0.96 | 1,790 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14255 | 14241 | 43 | 1 | 7,248 | 18.83 | 1,857.63 | 98.66 | 0.96 | 1,790 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14255 | 14295 | 43 | 1 | 5,256 | 25.06 | 3,070.13 | 122.52 | 0.70 | 2,146 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14295 | 14255 | 43 | 1 | 5,239 | 25.11 | 3,060.02 | 121.89 | 0.70 | 2,132 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14295 | 14297 | 43 | 1 | 4,221 | 27.91 | 620.85 | 22.25 | 0.56 | 348 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14297 | 14295 | 43 | 1 | 4,196 | 27.95 | 617.23 | 22.08 | 0.56 | 344 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14297 | 14336 | 43 | 1 | 4,221 | 27.58 | 3,533.04 | 128.12 | 0.56 | 1,983 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14336 | 14297 | 43 | 1 | 4,196 | 27.62 | 3,512.47 | 127.16 | 0.56 | 1,960 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14336 | 14361 | 41 | 1 | 10,285 | 13.40 | 5,793.43 | 432.43 | 1.25 | 7,247 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14361 | 14336 | 41 | 1 | 10,259 | 13.47 | 5,778.99 | 429.11 | 1.25 | 7,211 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14361 | 14370 | 41 | 1 | 10,285 | 13.49 | 2,079.59 | 154.14 | 1.25 | 2,601 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14370 | 14361 | 41 | 1 | 10,259 | 13.56 | 2,074.41 | 152.95 | 1.25 | 2,588 |
| Suncoast | Ridge Rd Extension to SR 54 | 14213 | 14235 | 92 | 2 | 19,605 | 46.43 | 8,332.09 | 179.47 | 0.64 | 5,327 |
| Suncoast | Ridge Rd Extension to SR 54 | 14217 | 14235 | 71 | 2 | 6,358 | 29.78 | 2,590.76 | 87.00 | 0.20 | 513 |
| Suncoast | Ridge Rd Extension to SR 54 | 14233 | 14210 | 71 | 2 | 6,359 | 29.91 | 2,634.33 | 88.07 | 0.20 | 522 |
| Suncoast | Ridge Rd Extension to SR 54 | 14233 | 14211 | 92 | 2 | 19,677 | 45.69 | 8,429.83 | 184.48 | 0.64 | 5,409 |
| Suncoast | Ridge Rd Extension to SR 54 | 14235 | 14292 | 92 | 2 | 25,963 | 33.84 | 24,908.52 | 736.02 | 1.01 | 25,196 |
| Suncoast | Ridge Rd Extension to SR 54 | 14291 | 14233 | 92 | 2 | 26,036 | 33.71 | 24,973.72 | 740.76 | 1.01 | 25,333 |
| Suncoast | Ridge Rd Extension to SR 54 | 14292 | 14391 | 92 | 2 | 25,963 | 33.90 | 50,133.79 | 1,478.68 | 1.01 | 50,712 |
| Suncoast | Ridge Rd Extension to SR 54 | 14390 | 14291 | 92 | 2 | 26,036 | 33.88 | 50,413.49 | 1,488.19 | 1.01 | 51,139 |
| Suncoast | Ridge Rd Extension to SR 54 | 14391 | 14449 | 92 | 2 | 25,963 | 34.02 | 19,627.73 | 576.88 | 1.01 | 19,854 |
| Suncoast | Ridge Rd Extension to SR 54 | 14449 | 14472 | 92 | 2 | 25,963 | 33.63 | 7,357.80 | 218.82 | 1.01 | 7,443 |
| Suncoast | Ridge Rd Extension to SR 54 | 14451 | 14390 | 92 | 2 | 26,036 | 33.65 | 20,659.56 | 613.96 | 1.01 | 20,957 |
| Suncoast | Ridge Rd Extension to SR 54 | 14471 | 14451 | 92 | 2 | 26,036 | 33.74 | 6,529.83 | 193.53 | 1.01 | 6,624 |
| Suncoast | Ridge Rd Extension to SR 54 | 14472 | 14485 | 92 | 2 | 25,963 | 21.59 | 3,336.19 | 154.50 | 1.01 | 3,375 |
| Suncoast | Ridge Rd Extension to SR 54 | 14484 | 14471 | 92 | 2 | 26,036 | 15.28 | 3,192.01 | 208.88 | 1.01 | 3,238 |
| Suncoast | Ridge Rd Extension to SR 54 | 14485 | 14492 | 99 | 2 | 25,963 | 0.56 | 1,814.79 | 3,219.36 | 0.71 | 1,285 |
| Suncoast | Ridge Rd Extension to SR 54 | 14490 | 14484 | 99 | 2 | 26,036 | 0.57 | 1,835.54 | 3,228.46 | 0.71 | 1,303 |
| Suncoast | Ridge Rd Extension to SR 54 | 14492 | 14501 | 92 | 2 | 25,963 | 16.47 | 3,637.36 | 220.81 | 1.01 | 3,679 |
| Suncoast | Ridge Rd Extension to SR 54 | 14500 | 14490 | 92 | 2 | 26,036 | 22.70 | 3,681.49 | 162.17 | 1.01 | 3,734 |
| Suncoast | Ridge Rd Extension to SR 54 | 14501 | 14510 | 92 | 2 | 25,963 | 34.46 | 7,082.60 | 205.56 | 1.01 | 7,164 |
| Suncoast | Ridge Rd Extension to SR 54 | 14508 | 14500 | 92 | 2 | 26,036 | 33.51 | 6,709.48 | 200.21 | 1.01 | 6,806 |
| Suncoast | Ridge Rd Extension to SR 54 | 14510 | 15304 | 92 | 2 | 25,963 | 33.93 | 24,744.96 | 729.39 | 1.01 | 25,030 |
| Suncoast | Ridge Rd Extension to SR 54 | 14557 | 15303 | 92 | 2 | 26,036 | 33.62 | 7,852.46 | 233.57 | 1.01 | 7,965 |
| Suncoast | Ridge Rd Extension to SR 54 | 15303 | 14508 | 92 | 2 | 26,036 | 33.91 | 25,348.64 | 747.43 | 1.01 | 25,713 |
| Suncoast | Ridge Rd Extension to SR 54 | 15304 | 14558 | 92 | 2 | 25,963 | 34.21 | 7,939.36 | 232.08 | 1.01 | 8,031 |
| Suncoast | SR 52 to Ridge Rd Extension | 14558 | 14645 | 92 | 2 | 25,963 | 33.89 | 53,703.65 | 1,584.77 | 1.01 | 54,323 |
| Suncoast | SR 52 to Ridge Rd Extension | 14644 | 14557 | 92 | 2 | 26,036 | 33.84 | 53,746.10 | 1,588.30 | 1.01 | 54,520 |
| Suncoast | SR 52 to Ridge Rd Extension | 14645 | 14722 | 92 | 2 | 25,963 | 33.99 | 29,753.14 | 875.27 | 1.01 | 30,096 |
| Suncoast | SR 52 to Ridge Rd Extension | 14722 | 14748 | 92 | 2 | 11,293 | 47.94 | 4,008.00 | 83.61 | 0.44 | 1,764 |
| Suncoast | SR 52 to Ridge Rd Extension | 14722 | 14752 | 71 | 1 | 14,669 | 22.94 | 5,647.68 | 246.24 | 0.96 | 5,395 |
| Suncoast | SR 52 to Ridge Rd Extension | 14725 | 14644 | 92 | 2 | 26,036 | 33.72 | 30,829.22 | 914.27 | 1.01 | 31,273 |
| Suncoast | SR 52 to Ridge Rd Extension | 14747 | 14725 | 92 | 2 | 11,387 | 47.92 | 3,652.93 | 76.23 | 0.44 | 1,621 |
| Suncoast | SR 52 to Ridge Rd Extension | 14749 | 14725 | 71 | 1 | 14,649 | 23.10 | 5,009.97 | 216.92 | 0.95 | 4,779 |
| US 41 | Ridge Rd Extension to SR 54 | 14327 | 14350 | 23 | 3 | 26,494 | 29.82 | 12,693.42 | 425.67 | 0.87 | 11,011 |

Ridge Road Extension Analysis: Alternative 11 - Add Four Elevated Lanes to SR 54

| Name | From - To | A-Node | B-Node | Facility Type | Number of Lanes | Volume | C. Speed | VMT | VHT | VC Ratio LOS-E | VMT*VCE | |
|-------|-----------------------------|--------|--------|---------------|-----------------|--------|----------|----------------|-----------|----------------|---------|-----------|
| US 41 | Ridge Rd Extension to SR 54 | 14350 | 14327 | 23 | 3 | 26,464 | 29.85 | 12,678.77 | 424.76 | 0.87 | 10,985 | |
| US 41 | Ridge Rd Extension to SR 54 | 14350 | 14357 | 23 | 3 | 26,016 | 30.99 | 3,694.30 | 119.20 | 0.85 | 3,147 | |
| US 41 | Ridge Rd Extension to SR 54 | 14357 | 14350 | 23 | 3 | 26,001 | 31.01 | 3,692.16 | 119.07 | 0.85 | 3,143 | |
| US 41 | Ridge Rd Extension to SR 54 | 14357 | 14388 | 23 | 3 | 28,014 | 28.35 | 15,376.84 | 542.48 | 0.92 | 14,103 | |
| US 41 | Ridge Rd Extension to SR 54 | 14388 | 14357 | 23 | 3 | 28,014 | 28.35 | 15,376.80 | 542.47 | 0.92 | 14,103 | |
| US 41 | Ridge Rd Extension to SR 54 | 14388 | 14415 | 23 | 3 | 28,014 | 25.63 | 14,099.40 | 550.02 | 1.01 | 14,225 | |
| US 41 | Ridge Rd Extension to SR 54 | 14415 | 14388 | 23 | 3 | 28,014 | 25.63 | 14,099.37 | 550.02 | 1.01 | 14,225 | |
| US 41 | Ridge Rd Extension to SR 54 | 14415 | 14443 | 23 | 3 | 32,707 | 19.66 | 8,814.43 | 448.32 | 1.18 | 10,383 | |
| US 41 | Ridge Rd Extension to SR 54 | 14443 | 14415 | 23 | 3 | 32,658 | 19.72 | 8,801.20 | 446.36 | 1.18 | 10,351 | |
| US 41 | Ridge Rd Extension to SR 54 | 14443 | 14491 | 23 | 3 | 28,058 | 25.50 | 15,145.97 | 593.98 | 1.01 | 15,305 | |
| US 41 | Ridge Rd Extension to SR 54 | 14491 | 14443 | 23 | 3 | 28,333 | 25.17 | 15,293.96 | 607.66 | 1.02 | 15,606 | |
| US 41 | Ridge Rd Extension to SR 54 | 14491 | 14503 | 23 | 3 | 33,294 | 19.14 | 7,151.51 | 373.55 | 1.20 | 8,575 | |
| US 41 | Ridge Rd Extension to SR 54 | 14503 | 14491 | 23 | 3 | 33,306 | 19.13 | 7,154.06 | 373.95 | 1.20 | 8,581 | |
| US 41 | Ridge Rd Extension to SR 54 | 14503 | 14509 | 23 | 3 | 30,538 | 22.58 | 6,812.93 | 301.69 | 1.10 | 7,493 | |
| US 41 | Ridge Rd Extension to SR 54 | 14509 | 14503 | 23 | 3 | 30,526 | 22.60 | 6,810.45 | 301.40 | 1.10 | 7,487 | |
| US 41 | Ridge Rd Extension to SR 54 | 14509 | 14531 | 23 | 3 | 28,569 | 24.89 | 17,786.85 | 714.52 | 1.03 | 18,301 | |
| US 41 | Ridge Rd Extension to SR 54 | 14531 | 14509 | 23 | 3 | 28,552 | 24.91 | 17,776.70 | 713.55 | 1.03 | 18,280 | |
| US 41 | Ridge Rd Extension to SR 54 | 14531 | 14541 | 23 | 3 | 24,964 | 28.78 | 9,096.96 | 316.07 | 0.90 | 8,179 | |
| US 41 | Ridge Rd Extension to SR 54 | 14541 | 14531 | 23 | 3 | 24,944 | 28.80 | 9,089.56 | 315.57 | 0.90 | 8,166 | |
| US 41 | Ridge Rd Extension to SR 54 | 14541 | 14550 | 23 | 2 | 24,687 | 15.25 | 11,133.84 | 730.22 | 1.33 | 14,848 | |
| US 41 | Ridge Rd Extension to SR 54 | 14550 | 14541 | 23 | 2 | 24,669 | 15.27 | 11,125.65 | 728.40 | 1.33 | 14,827 | |
| US 41 | Ridge Rd Extension to SR 54 | 14550 | 14552 | 23 | 2 | 24,687 | 15.11 | 6,060.66 | 401.11 | 1.33 | 8,083 | |
| US 41 | Ridge Rd Extension to SR 54 | 14552 | 14550 | 23 | 2 | 24,669 | 15.14 | 6,056.20 | 400.11 | 1.33 | 8,071 | |
| US 41 | Ridge Rd Extension to SR 54 | 14552 | 14559 | 23 | 2 | 24,400 | 15.53 | 7,983.64 | 514.09 | 1.32 | 10,523 | |
| US 41 | Ridge Rd Extension to SR 54 | 14559 | 14552 | 23 | 2 | 24,408 | 15.52 | 7,986.21 | 514.65 | 1.32 | 10,530 | |
| US 41 | Ridge Rd Extension to SR 54 | 14559 | 14565 | 23 | 2 | 23,504 | 4.10 | 6,898.34 | 1,683.19 | 1.92 | 13,227 | |
| US 41 | Ridge Rd Extension to SR 54 | 14565 | 14559 | 23 | 2 | 23,506 | 4.10 | 6,898.88 | 1,683.78 | 1.92 | 13,229 | |
| US 41 | Ridge Rd Extension to SR 54 | 14565 | 14578 | 23 | 2 | 21,369 | 5.66 | 14,419.85 | 2,547.77 | 1.74 | 25,138 | |
| US 41 | Ridge Rd Extension to SR 54 | 14578 | 14565 | 23 | 2 | 21,353 | 5.67 | 14,409.05 | 2,539.67 | 1.74 | 25,101 | |
| US 41 | Ridge Rd Extension to SR 54 | 14578 | 14630 | 23 | 2 | 18,521 | 8.78 | 21,159.95 | 2,410.55 | 1.51 | 31,971 | |
| US 41 | Ridge Rd Extension to SR 54 | 14630 | 14578 | 23 | 2 | 18,487 | 8.82 | 21,121.10 | 2,393.58 | 1.51 | 31,854 | |
| US 41 | Ridge Rd Extension to SR 54 | 14630 | 14636 | 23 | 2 | 17,212 | 10.75 | 3,507.79 | 326.22 | 1.40 | 4,925 | |
| US 41 | Ridge Rd Extension to SR 54 | 14636 | 14630 | 23 | 2 | 17,182 | 10.80 | 3,501.68 | 324.18 | 1.40 | 4,908 | |
| US 41 | SR 52 to Ridge Rd Extension | 14636 | 14662 | 31 | 1 | 18,787 | 22.11 | 9,213.01 | 416.68 | 1.17 | 10,818 | |
| US 41 | SR 52 to Ridge Rd Extension | 14662 | 14636 | 31 | 1 | 18,794 | 22.10 | 9,216.41 | 417.13 | 1.17 | 10,826 | |
| US 41 | SR 52 to Ridge Rd Extension | 14662 | 14671 | 31 | 1 | 17,784 | 24.75 | 2,655.15 | 107.28 | 1.11 | 2,951 | |
| US 41 | SR 52 to Ridge Rd Extension | 14671 | 14662 | 31 | 1 | 17,810 | 24.69 | 2,659.02 | 107.70 | 1.11 | 2,960 | |
| US 41 | SR 52 to Ridge Rd Extension | 14671 | 14676 | 31 | 1 | 17,780 | 24.13 | 2,834.14 | 117.43 | 1.11 | 3,149 | |
| US 41 | SR 52 to Ridge Rd Extension | 14676 | 14671 | 31 | 1 | 17,800 | 24.09 | 2,837.32 | 117.78 | 1.11 | 3,157 | |
| US 41 | SR 52 to Ridge Rd Extension | 14676 | 14687 | 31 | 1 | 17,780 | 24.52 | 4,757.94 | 194.01 | 1.11 | 5,287 | |
| US 41 | SR 52 to Ridge Rd Extension | 14687 | 14676 | 31 | 1 | 17,800 | 24.48 | 4,763.27 | 194.60 | 1.11 | 5,299 | |
| US 41 | SR 52 to Ridge Rd Extension | 14687 | 14692 | 31 | 1 | 17,675 | 24.89 | 2,126.35 | 85.44 | 1.10 | 2,349 | |
| US 41 | SR 52 to Ridge Rd Extension | 14692 | 14687 | 31 | 1 | 17,687 | 24.86 | 2,127.79 | 85.59 | 1.11 | 2,352 | |
| US 41 | SR 52 to Ridge Rd Extension | 14692 | 14701 | 31 | 1 | 17,675 | 24.24 | 3,045.48 | 125.65 | 1.10 | 3,364 | |
| US 41 | SR 52 to Ridge Rd Extension | 14701 | 14692 | 31 | 1 | 17,687 | 24.21 | 3,047.54 | 125.87 | 1.11 | 3,369 | |
| US 41 | SR 52 to Ridge Rd Extension | 14701 | 14717 | 31 | 1 | 17,675 | 24.72 | 8,075.91 | 326.68 | 1.10 | 8,922 | |
| US 41 | SR 52 to Ridge Rd Extension | 14717 | 14701 | 31 | 1 | 17,687 | 24.69 | 8,081.36 | 327.27 | 1.11 | 8,934 | |
| US 41 | SR 52 to Ridge Rd Extension | 14717 | 14781 | 31 | 1 | 17,199 | 25.81 | 14,133.96 | 547.65 | 1.07 | 15,193 | |
| US 41 | SR 52 to Ridge Rd Extension | 14781 | 14717 | 31 | 1 | 17,220 | 25.76 | 14,151.27 | 549.36 | 1.08 | 15,230 | |
| | | | | | | | | Totals: | 2,327,651 | 105,249 | | 2,149,763 |

Avg. Speed: 22.12 Weighted VC Ratio: 0.924



**Tindale
Oliver**

Legend

V/C Ratio (LOS E) — >0.5-0.8 — >0.95-1.05 — >1.2
— < 0.5 — >0.8-0.95 — >1.05-1.2



Alternative 12
 Ridge Road Extension Analysis - TBRPM Model
 Peak Season Daily Traffic Volume (Two-way)
 and V/C Ratio by Roadway Segment

Ridge Road Extension Analysis: Alternative 12 - Add Tower Road as Two Lanes, Add Two Lanes to SR 54

| Name | From - To | A-Node | B-Node | Facility Type | Number of Lanes | Volume | C. Speed | VMT | VHT | VC Ratio LOS-E | VMT*VCE |
|---------------|------------------------------|--------|--------|---------------|-----------------|--------|----------|-----------|----------|----------------|---------|
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14370 | 14373 | 41 | 1 | 10,954 | 11.86 | 2,172.16 | 183.23 | 1.33 | 2,894 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14373 | 14370 | 41 | 1 | 10,965 | 11.83 | 2,174.33 | 183.83 | 1.33 | 2,900 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14373 | 14381 | 41 | 1 | 10,954 | 11.62 | 1,581.74 | 136.11 | 1.33 | 2,107 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14381 | 14373 | 41 | 1 | 10,965 | 11.59 | 1,583.32 | 136.56 | 1.33 | 2,111 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14381 | 14407 | 41 | 1 | 8,686 | 18.32 | 4,705.86 | 256.83 | 1.06 | 4,971 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14407 | 14381 | 41 | 1 | 8,680 | 18.34 | 4,703.06 | 256.43 | 1.06 | 4,965 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14407 | 14439 | 41 | 1 | 3,761 | 32.11 | 2,522.40 | 78.55 | 0.46 | 1,154 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14439 | 14407 | 41 | 1 | 3,750 | 32.13 | 2,515.03 | 78.28 | 0.46 | 1,147 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14439 | 14470 | 41 | 2 | 7,869 | 32.19 | 4,069.20 | 126.42 | 0.47 | 1,901 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14470 | 14439 | 41 | 2 | 7,872 | 32.19 | 4,070.66 | 126.47 | 0.47 | 1,902 |
| Gunn Ext | SR 54 to Tower Rd | 14167 | 15441 | 47 | 1 | 6,170 | 12.42 | 2,734.72 | 220.24 | 1.09 | 2,985 |
| Gunn Ext | SR 54 to Tower Rd | 15441 | 14167 | 47 | 1 | 6,227 | 12.23 | 2,759.74 | 225.72 | 1.10 | 3,040 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14470 | 14528 | 32 | 1 | 9,606 | 24.13 | 10,921.20 | 452.57 | 0.91 | 9,960 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14528 | 14470 | 32 | 1 | 9,636 | 24.05 | 10,954.67 | 455.58 | 0.91 | 10,021 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14528 | 14551 | 32 | 1 | 6,590 | 31.91 | 4,206.93 | 131.85 | 0.63 | 2,632 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14551 | 14528 | 32 | 1 | 6,632 | 31.82 | 4,234.12 | 133.05 | 0.63 | 2,666 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14551 | 14568 | 32 | 1 | 7,714 | 29.13 | 4,145.42 | 142.32 | 0.73 | 3,036 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14568 | 14551 | 32 | 1 | 7,753 | 29.03 | 4,166.66 | 143.53 | 0.74 | 3,067 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14568 | 14585 | 32 | 1 | 7,714 | 29.29 | 4,863.58 | 166.04 | 0.73 | 3,562 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14585 | 14568 | 32 | 1 | 7,753 | 29.19 | 4,888.50 | 167.45 | 0.74 | 3,598 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14585 | 14623 | 32 | 1 | 8,559 | 27.09 | 5,195.16 | 191.74 | 0.81 | 4,221 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14623 | 14585 | 32 | 1 | 8,601 | 26.98 | 5,220.81 | 193.52 | 0.82 | 4,263 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14623 | 14700 | 32 | 1 | 6,804 | 31.37 | 9,027.53 | 287.79 | 0.65 | 5,832 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14700 | 14623 | 32 | 1 | 6,861 | 31.25 | 9,102.69 | 291.29 | 0.65 | 5,929 |
| SR 52 | Moon Lake to Suncoast | 14691 | 14693 | 23 | 3 | 18,344 | 34.65 | 7,045.87 | 203.34 | 0.66 | 4,655 |
| SR 52 | Moon Lake to Suncoast | 14691 | 14713 | 23 | 3 | 18,463 | 34.78 | 18,007.18 | 517.81 | 0.66 | 11,974 |
| SR 52 | Moon Lake to Suncoast | 14693 | 14691 | 23 | 3 | 18,463 | 34.58 | 7,091.72 | 205.11 | 0.66 | 4,716 |
| SR 52 | Moon Lake to Suncoast | 14693 | 14694 | 23 | 3 | 18,459 | 34.92 | 4,930.38 | 141.18 | 0.66 | 3,278 |
| SR 52 | Moon Lake to Suncoast | 14694 | 14693 | 23 | 3 | 18,598 | 34.83 | 4,967.61 | 142.61 | 0.67 | 3,327 |
| SR 52 | Moon Lake to Suncoast | 14694 | 14700 | 23 | 3 | 17,609 | 35.32 | 2,678.29 | 75.84 | 0.63 | 1,898 |
| SR 52 | Moon Lake to Suncoast | 14700 | 14694 | 23 | 3 | 17,718 | 35.25 | 2,694.87 | 76.44 | 0.64 | 1,720 |
| SR 52 | Moon Lake to Suncoast | 14713 | 14691 | 23 | 3 | 18,344 | 34.85 | 17,890.74 | 513.34 | 0.66 | 11,819 |
| SR 52 | Moon Lake to Suncoast | 14713 | 14718 | 23 | 3 | 18,463 | 20.72 | 4,063.75 | 196.10 | 1.00 | 4,081 |
| SR 52 | Moon Lake to Suncoast | 14718 | 14713 | 23 | 3 | 18,344 | 20.90 | 4,037.48 | 193.21 | 1.00 | 4,028 |
| SR 52 | Moon Lake to Suncoast | 14718 | 14723 | 23 | 3 | 18,463 | 20.81 | 2,372.45 | 114.00 | 1.00 | 2,382 |
| SR 52 | Moon Lake to Suncoast | 14723 | 14718 | 23 | 3 | 18,347 | 20.98 | 2,357.63 | 112.38 | 1.00 | 2,353 |
| SR 52 | Moon Lake to Suncoast | 14723 | 14727 | 23 | 3 | 19,648 | 18.83 | 1,896.06 | 100.68 | 1.07 | 2,026 |
| SR 52 | Moon Lake to Suncoast | 14727 | 14723 | 23 | 3 | 19,520 | 19.02 | 1,883.69 | 99.04 | 1.06 | 2,000 |
| SR 52 | Moon Lake to Suncoast | 14727 | 14734 | 23 | 3 | 19,648 | 18.77 | 6,564.50 | 349.75 | 1.07 | 7,015 |
| SR 52 | Moon Lake to Suncoast | 14734 | 14727 | 23 | 3 | 19,520 | 18.96 | 6,521.67 | 344.03 | 1.06 | 6,924 |
| SR 52 | Moon Lake to Suncoast | 14734 | 14738 | 23 | 3 | 20,644 | 17.44 | 3,788.17 | 217.18 | 1.12 | 4,253 |
| SR 52 | Moon Lake to Suncoast | 14738 | 14734 | 23 | 3 | 20,494 | 17.66 | 3,760.70 | 212.95 | 1.11 | 4,192 |
| SR 52 | Moon Lake to Suncoast | 14738 | 14749 | 23 | 3 | 20,693 | 17.18 | 7,406.10 | 431.11 | 1.13 | 8,335 |
| SR 52 | Moon Lake to Suncoast | 14749 | 14738 | 23 | 3 | 20,558 | 17.37 | 7,357.54 | 423.48 | 1.12 | 8,226 |
| SR 52 | Moon Lake to Suncoast | 14749 | 14752 | 23 | 3 | 11,870 | 27.67 | 1,303.36 | 47.11 | 0.85 | 841 |
| SR 52 | Moon Lake to Suncoast | 14752 | 14749 | 23 | 3 | 24,097 | 12.48 | 2,645.83 | 211.92 | 1.31 | 3,468 |
| SR 52 | Suncoast to US 41 | 14752 | 14757 | 32 | 1 | 15,892 | 9.11 | 1,593.94 | 174.99 | 1.51 | 2,405 |
| SR 52 | Suncoast to US 41 | 14757 | 14752 | 32 | 1 | 15,621 | 9.52 | 1,566.79 | 164.55 | 1.48 | 2,324 |
| SR 52 | Suncoast to US 41 | 14757 | 14767 | 32 | 1 | 14,795 | 11.13 | 7,397.48 | 664.59 | 1.40 | 10,390 |
| SR 52 | Suncoast to US 41 | 14762 | 14765 | 32 | 1 | 12,248 | 16.71 | 1,546.87 | 92.59 | 1.16 | 1,799 |
| SR 52 | Suncoast to US 41 | 14762 | 14767 | 32 | 1 | 11,312 | 19.20 | 13,326.66 | 694.07 | 1.07 | 14,312 |
| SR 52 | Suncoast to US 41 | 14765 | 14762 | 32 | 1 | 12,077 | 17.15 | 1,525.27 | 88.94 | 1.15 | 1,749 |
| SR 52 | Suncoast to US 41 | 14765 | 14773 | 32 | 1 | 12,389 | 16.22 | 2,808.59 | 173.21 | 1.18 | 3,303 |
| SR 52 | Suncoast to US 41 | 14767 | 14757 | 32 | 1 | 14,509 | 11.66 | 7,254.37 | 621.92 | 1.38 | 9,992 |
| SR 52 | Suncoast to US 41 | 14767 | 14762 | 32 | 1 | 11,460 | 18.79 | 13,501.02 | 718.46 | 1.09 | 14,689 |
| SR 52 | Suncoast to US 41 | 14773 | 14765 | 32 | 1 | 12,190 | 16.72 | 2,763.47 | 165.29 | 1.16 | 3,198 |
| SR 52 | Suncoast to US 41 | 14773 | 14774 | 32 | 1 | 11,909 | 17.62 | 5,812.90 | 329.84 | 1.13 | 6,572 |
| SR 52 | Suncoast to US 41 | 14774 | 14773 | 32 | 1 | 11,710 | 18.16 | 5,715.51 | 314.77 | 1.11 | 6,354 |
| SR 52 | Suncoast to US 41 | 14774 | 14781 | 32 | 1 | 11,152 | 19.60 | 4,882.16 | 249.03 | 1.06 | 5,169 |
| SR 52 | Suncoast to US 41 | 14781 | 14774 | 32 | 1 | 10,956 | 20.15 | 4,796.72 | 238.00 | 1.04 | 4,989 |
| SR 54 | Starkey to Suncoast | 14107 | 14109 | 23 | 4 | 32,918 | 26.85 | 29,422.16 | 1,095.81 | 0.97 | 28,486 |
| SR 54 | Starkey to Suncoast | 14107 | 14114 | 23 | 4 | 34,222 | 25.49 | 24,859.07 | 975.10 | 1.01 | 25,022 |
| SR 54 | Starkey to Suncoast | 14109 | 14107 | 23 | 4 | 32,963 | 26.81 | 29,462.60 | 1,099.09 | 0.97 | 28,564 |

Ridge Road Extension Analysis: Alternative 12 - Add Tower Road as Two Lanes, Add Two Lanes to SR 54

| Name | From - To | A-Node | B-Node | Facility Type | Number of Lanes | Volume | C. Speed | VMT | VHT | VC Ratio LOS-E | VMT*VCE |
|--------------|------------------------|--------|--------|---------------|-----------------|--------|----------|-----------|----------|----------------|---------|
| SR 54 | Starkey to Suncoast | 14109 | 14118 | 23 | 4 | 32,797 | 27.12 | 10,035.94 | 370.07 | 0.96 | 9,681 |
| SR 54 | Starkey to Suncoast | 14114 | 14107 | 23 | 4 | 34,182 | 25.53 | 24,829.50 | 972.42 | 1.01 | 24,962 |
| SR 54 | Starkey to Suncoast | 14114 | 14121 | 23 | 4 | 34,222 | 25.34 | 5,157.30 | 203.50 | 1.01 | 5,191 |
| SR 54 | Starkey to Suncoast | 14118 | 14109 | 23 | 4 | 32,859 | 27.06 | 10,054.98 | 371.60 | 0.97 | 9,718 |
| SR 54 | Starkey to Suncoast | 14118 | 14120 | 23 | 4 | 32,797 | 26.37 | 3,863.51 | 146.49 | 0.96 | 3,727 |
| SR 54 | Starkey to Suncoast | 14120 | 14118 | 23 | 4 | 32,859 | 26.32 | 3,870.84 | 147.09 | 0.97 | 3,741 |
| SR 54 | Starkey to Suncoast | 14120 | 14124 | 23 | 4 | 37,493 | 22.20 | 4,011.70 | 180.69 | 1.10 | 4,424 |
| SR 54 | Starkey to Suncoast | 14121 | 14114 | 23 | 4 | 34,182 | 25.38 | 5,151.16 | 202.94 | 1.01 | 5,179 |
| SR 54 | Starkey to Suncoast | 14124 | 14120 | 23 | 4 | 37,568 | 22.13 | 4,019.78 | 181.66 | 1.10 | 4,442 |
| SR 54 | Starkey to Suncoast | 14124 | 14151 | 23 | 4 | 41,057 | 18.86 | 30,061.88 | 1,593.91 | 1.21 | 36,302 |
| SR 54 | Starkey to Suncoast | 14151 | 14124 | 23 | 4 | 41,099 | 18.82 | 30,092.80 | 1,598.85 | 1.21 | 36,376 |
| SR 54 | Starkey to Suncoast | 14151 | 14163 | 23 | 4 | 41,051 | 19.12 | 13,128.27 | 686.76 | 1.21 | 15,851 |
| SR 54 | Starkey to Suncoast | 14163 | 14151 | 23 | 4 | 41,109 | 19.06 | 13,146.60 | 689.65 | 1.21 | 15,895 |
| SR 54 | Starkey to Suncoast | 14163 | 14167 | 23 | 4 | 40,504 | 19.74 | 7,813.30 | 395.90 | 1.19 | 9,308 |
| SR 54 | Starkey to Suncoast | 14167 | 14163 | 23 | 4 | 40,556 | 19.69 | 7,823.30 | 397.40 | 1.19 | 9,332 |
| SR 54 | Starkey to Suncoast | 14167 | 14172 | 23 | 4 | 37,232 | 22.51 | 16,676.23 | 740.93 | 1.10 | 18,261 |
| SR 54 | Starkey to Suncoast | 14172 | 14167 | 23 | 4 | 37,110 | 22.63 | 16,621.71 | 734.61 | 1.09 | 18,142 |
| SR 54 | Starkey to Suncoast | 14172 | 14177 | 23 | 4 | 36,875 | 22.90 | 16,549.32 | 722.55 | 1.08 | 17,949 |
| SR 54 | Starkey to Suncoast | 14174 | 14181 | 23 | 4 | 36,420 | 23.40 | 36,911.36 | 1,577.34 | 1.07 | 39,538 |
| SR 54 | Starkey to Suncoast | 14174 | 14199 | 23 | 4 | 33,569 | 26.17 | 16,563.12 | 633.00 | 0.99 | 16,353 |
| SR 54 | Starkey to Suncoast | 14177 | 14172 | 23 | 4 | 36,731 | 23.05 | 16,484.66 | 715.30 | 1.08 | 17,809 |
| SR 54 | Starkey to Suncoast | 14177 | 14181 | 23 | 4 | 36,331 | 23.38 | 19,698.83 | 842.62 | 1.07 | 21,050 |
| SR 54 | Starkey to Suncoast | 14181 | 14174 | 23 | 4 | 36,556 | 23.27 | 37,049.35 | 1,592.39 | 1.08 | 39,834 |
| SR 54 | Starkey to Suncoast | 14181 | 14177 | 23 | 4 | 36,192 | 23.51 | 19,623.38 | 834.51 | 1.06 | 20,889 |
| SR 54 | Starkey to Suncoast | 14199 | 14174 | 23 | 4 | 33,161 | 26.56 | 16,361.66 | 616.03 | 0.98 | 15,958 |
| SR 54 | Starkey to Suncoast | 14199 | 14210 | 23 | 4 | 34,513 | 25.46 | 7,264.98 | 285.37 | 1.02 | 7,375 |
| SR 54 | Starkey to Suncoast | 14210 | 14199 | 23 | 4 | 34,145 | 25.82 | 7,187.61 | 278.36 | 1.00 | 7,218 |
| SR 54 | Starkey to Suncoast | 14210 | 14217 | 23 | 4 | 34,413 | 25.64 | 3,964.39 | 154.61 | 1.01 | 4,013 |
| SR 54 | Starkey to Suncoast | 14217 | 14210 | 23 | 4 | 34,798 | 25.26 | 4,008.70 | 158.69 | 1.02 | 4,103 |
| SR 54 | Suncoast to US 41 | 14217 | 14227 | 23 | 4 | 35,540 | 24.45 | 10,207.13 | 417.42 | 1.05 | 10,670 |
| SR 54 | Suncoast to US 41 | 14227 | 14217 | 23 | 4 | 35,337 | 24.65 | 10,148.85 | 411.64 | 1.04 | 10,548 |
| SR 54 | Suncoast to US 41 | 14227 | 14246 | 23 | 4 | 35,540 | 24.17 | 15,914.88 | 658.59 | 1.05 | 16,636 |
| SR 54 | Suncoast to US 41 | 14246 | 14227 | 23 | 4 | 35,337 | 24.36 | 15,824.01 | 649.47 | 1.04 | 16,446 |
| SR 54 | Suncoast to US 41 | 14246 | 14257 | 23 | 4 | 32,519 | 27.07 | 13,729.42 | 507.18 | 0.96 | 13,131 |
| SR 54 | Suncoast to US 41 | 14257 | 14246 | 23 | 4 | 32,332 | 27.25 | 13,650.75 | 501.02 | 0.95 | 12,981 |
| SR 54 | Suncoast to US 41 | 14257 | 14268 | 23 | 4 | 32,511 | 27.40 | 8,914.63 | 325.35 | 0.96 | 8,524 |
| SR 54 | Suncoast to US 41 | 14268 | 14257 | 23 | 4 | 32,329 | 27.57 | 8,864.61 | 321.48 | 0.95 | 8,429 |
| SR 54 | Suncoast to US 41 | 14268 | 14285 | 23 | 4 | 30,533 | 29.03 | 28,410.82 | 978.69 | 0.90 | 25,514 |
| SR 54 | Suncoast to US 41 | 14285 | 14268 | 23 | 4 | 30,375 | 29.17 | 28,264.06 | 968.93 | 0.89 | 25,251 |
| SR 54 | Suncoast to US 41 | 14285 | 15330 | 23 | 4 | 32,742 | 27.16 | 11,266.53 | 414.82 | 0.96 | 10,850 |
| SR 54 | Suncoast to US 41 | 14313 | 14316 | 23 | 4 | 34,754 | 25.00 | 16,480.12 | 659.24 | 1.02 | 16,845 |
| SR 54 | Suncoast to US 41 | 14313 | 15330 | 23 | 4 | 30,805 | 28.76 | 16,948.92 | 589.37 | 0.91 | 15,356 |
| SR 54 | Suncoast to US 41 | 14314 | 14316 | 23 | 4 | 37,906 | 21.85 | 21,049.04 | 963.13 | 1.11 | 23,467 |
| SR 54 | Suncoast to US 41 | 14314 | 14329 | 23 | 4 | 40,753 | 19.18 | 15,209.10 | 792.88 | 1.20 | 18,230 |
| SR 54 | Suncoast to US 41 | 14316 | 14313 | 23 | 4 | 34,563 | 25.19 | 16,389.62 | 650.75 | 1.02 | 16,661 |
| SR 54 | Suncoast to US 41 | 14316 | 14314 | 23 | 4 | 38,108 | 21.66 | 21,161.14 | 977.05 | 1.12 | 23,718 |
| SR 54 | Suncoast to US 41 | 14327 | 14330 | 23 | 4 | 39,162 | 20.51 | 8,838.90 | 431.04 | 1.15 | 10,181 |
| SR 54 | Suncoast to US 41 | 14329 | 14314 | 23 | 4 | 40,536 | 19.38 | 15,128.17 | 780.42 | 1.19 | 18,037 |
| SR 54 | Suncoast to US 41 | 14329 | 14330 | 23 | 4 | 39,691 | 20.22 | 5,282.93 | 261.24 | 1.17 | 6,167 |
| SR 54 | Suncoast to US 41 | 14330 | 14327 | 23 | 4 | 39,366 | 20.31 | 8,884.79 | 437.41 | 1.16 | 10,287 |
| SR 54 | Suncoast to US 41 | 14330 | 14329 | 23 | 4 | 39,478 | 20.43 | 5,254.58 | 257.24 | 1.16 | 6,101 |
| SR 54 | Suncoast to US 41 | 15330 | 14285 | 23 | 4 | 32,432 | 27.46 | 11,159.96 | 406.46 | 0.95 | 10,645 |
| SR 54 | Suncoast to US 41 | 15330 | 14313 | 23 | 4 | 31,963 | 27.69 | 17,585.82 | 635.05 | 0.94 | 16,532 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14121 | 14150 | 43 | 2 | 1,684 | 30.08 | 608.25 | 20.22 | 0.11 | 68 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14150 | 14121 | 43 | 2 | 1,656 | 30.08 | 597.94 | 19.88 | 0.11 | 65 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14150 | 18111 | 43 | 1 | 2,057 | 29.79 | 1,944.17 | 65.26 | 0.27 | 532 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14241 | 14255 | 43 | 1 | 7,928 | 16.54 | 2,031.82 | 122.85 | 1.05 | 2,142 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14241 | 18111 | 43 | 1 | 7,930 | 16.47 | 6,986.76 | 424.34 | 1.05 | 7,368 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14255 | 14241 | 43 | 1 | 7,930 | 16.53 | 2,032.56 | 122.96 | 1.05 | 2,143 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14255 | 14295 | 43 | 1 | 5,768 | 23.58 | 3,369.00 | 142.89 | 0.77 | 2,584 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14295 | 14255 | 43 | 1 | 5,808 | 23.46 | 3,392.23 | 144.62 | 0.77 | 2,620 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14295 | 14297 | 43 | 1 | 4,658 | 26.98 | 685.16 | 25.39 | 0.62 | 424 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14297 | 14295 | 43 | 1 | 4,715 | 26.85 | 693.53 | 25.83 | 0.63 | 435 |

Ridge Road Extension Analysis: Alternative 12 - Add Tower Road as Two Lanes, Add Two Lanes to SR 54

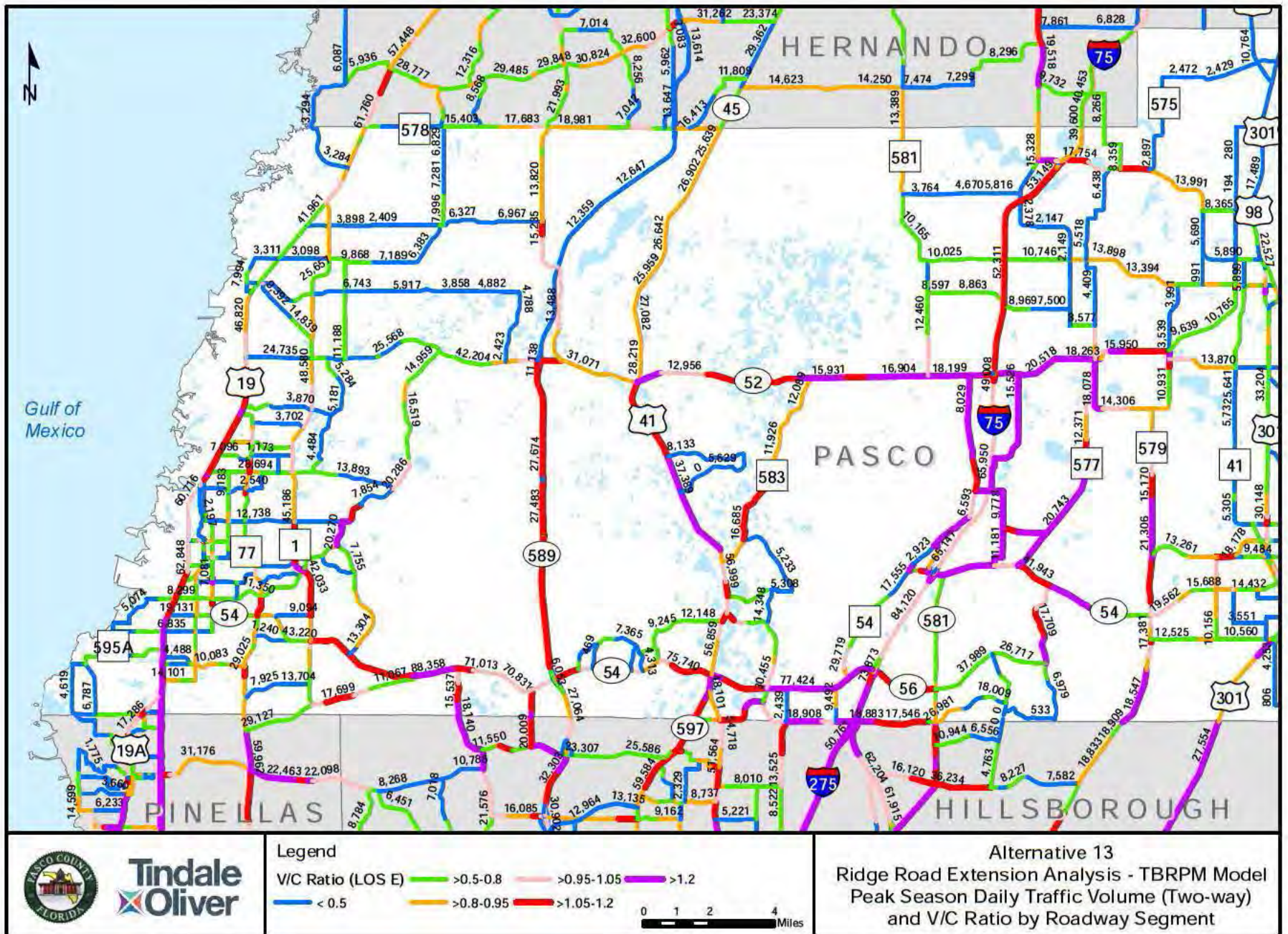
| Name | From - To | A-Node | B-Node | Facility Type | Number of Lanes | Volume | C. Speed | VMT | VHT | VC Ratio LOS-E | VMT*VCE |
|--------------|-----------------------------|--------|--------|---------------|-----------------|--------|----------|-----------|----------|----------------|---------|
| Starkey Blvd | DeCubellis Rd to SR 54 | 14297 | 14336 | 43 | 1 | 4,658 | 26.66 | 3,899.03 | 146.23 | 0.62 | 2,415 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14336 | 14297 | 43 | 1 | 4,715 | 26.53 | 3,946.68 | 148.75 | 0.63 | 2,474 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14336 | 14361 | 41 | 1 | 10,458 | 12.93 | 5,891.11 | 455.62 | 1.27 | 7,493 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14361 | 14336 | 41 | 1 | 10,481 | 12.87 | 5,903.70 | 458.69 | 1.27 | 7,525 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14361 | 14370 | 41 | 1 | 10,458 | 13.02 | 2,114.85 | 162.40 | 1.27 | 2,890 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14370 | 14361 | 41 | 1 | 10,481 | 12.96 | 2,119.17 | 163.49 | 1.27 | 2,701 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 18111 | 14150 | 43 | 1 | 2,006 | 29.81 | 1,896.32 | 63.62 | 0.27 | 506 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 18111 | 14241 | 43 | 1 | 7,928 | 16.47 | 6,984.23 | 423.94 | 1.05 | 7,363 |
| Suncoast | Ridge Rd Extension to SR 54 | 14213 | 14235 | 92 | 2 | 21,038 | 45.21 | 8,941.14 | 197.75 | 0.69 | 6,134 |
| Suncoast | Ridge Rd Extension to SR 54 | 14217 | 14235 | 71 | 2 | 5,451 | 29.80 | 2,221.33 | 74.55 | 0.17 | 377 |
| Suncoast | Ridge Rd Extension to SR 54 | 14233 | 14210 | 71 | 2 | 5,532 | 29.93 | 2,291.77 | 76.58 | 0.17 | 395 |
| Suncoast | Ridge Rd Extension to SR 54 | 14233 | 14211 | 92 | 2 | 21,023 | 44.55 | 9,006.36 | 202.14 | 0.69 | 6,174 |
| Suncoast | Ridge Rd Extension to SR 54 | 14235 | 14292 | 92 | 2 | 26,489 | 33.30 | 25,413.63 | 763.22 | 1.03 | 26,228 |
| Suncoast | Ridge Rd Extension to SR 54 | 14291 | 14233 | 92 | 2 | 26,555 | 33.17 | 25,471.48 | 767.85 | 1.03 | 26,353 |
| Suncoast | Ridge Rd Extension to SR 54 | 14292 | 14391 | 92 | 2 | 26,489 | 33.36 | 51,150.43 | 1,533.32 | 1.03 | 52,789 |
| Suncoast | Ridge Rd Extension to SR 54 | 14390 | 14291 | 92 | 2 | 26,555 | 33.33 | 51,418.30 | 1,542.62 | 1.03 | 53,198 |
| Suncoast | Ridge Rd Extension to SR 54 | 14391 | 14449 | 92 | 2 | 26,489 | 33.48 | 20,025.75 | 598.20 | 1.03 | 20,667 |
| Suncoast | Ridge Rd Extension to SR 54 | 14449 | 14472 | 92 | 2 | 26,489 | 33.08 | 7,507.01 | 226.90 | 1.03 | 7,748 |
| Suncoast | Ridge Rd Extension to SR 54 | 14451 | 14390 | 92 | 2 | 26,555 | 33.11 | 21,071.33 | 636.42 | 1.03 | 21,801 |
| Suncoast | Ridge Rd Extension to SR 54 | 14471 | 14451 | 92 | 2 | 26,555 | 33.20 | 6,659.97 | 200.61 | 1.03 | 6,890 |
| Suncoast | Ridge Rd Extension to SR 54 | 14472 | 14485 | 92 | 2 | 26,489 | 21.25 | 3,403.85 | 160.21 | 1.03 | 3,513 |
| Suncoast | Ridge Rd Extension to SR 54 | 14484 | 14471 | 92 | 2 | 26,555 | 15.04 | 3,255.63 | 216.52 | 1.03 | 3,368 |
| Suncoast | Ridge Rd Extension to SR 54 | 14485 | 14492 | 99 | 2 | 26,489 | 0.56 | 1,851.59 | 3,284.65 | 0.72 | 1,338 |
| Suncoast | Ridge Rd Extension to SR 54 | 14490 | 14484 | 99 | 2 | 26,555 | 0.57 | 1,872.12 | 3,292.81 | 0.72 | 1,356 |
| Suncoast | Ridge Rd Extension to SR 54 | 14492 | 14501 | 92 | 2 | 26,489 | 16.21 | 3,711.12 | 228.97 | 1.03 | 3,830 |
| Suncoast | Ridge Rd Extension to SR 54 | 14500 | 14490 | 92 | 2 | 26,555 | 22.34 | 3,754.87 | 168.10 | 1.03 | 3,885 |
| Suncoast | Ridge Rd Extension to SR 54 | 14501 | 14510 | 92 | 2 | 26,489 | 33.90 | 7,226.22 | 213.15 | 1.03 | 7,458 |
| Suncoast | Ridge Rd Extension to SR 54 | 14508 | 14500 | 92 | 2 | 26,555 | 32.97 | 6,843.20 | 207.53 | 1.03 | 7,080 |
| Suncoast | Ridge Rd Extension to SR 54 | 14510 | 15304 | 92 | 2 | 26,489 | 33.38 | 25,246.75 | 756.35 | 1.03 | 26,056 |
| Suncoast | Ridge Rd Extension to SR 54 | 14557 | 15303 | 92 | 2 | 26,555 | 33.08 | 8,008.96 | 242.12 | 1.03 | 8,286 |
| Suncoast | Ridge Rd Extension to SR 54 | 15303 | 14508 | 92 | 2 | 26,555 | 33.37 | 25,853.87 | 774.77 | 1.03 | 26,749 |
| Suncoast | Ridge Rd Extension to SR 54 | 15304 | 14558 | 92 | 2 | 26,489 | 33.66 | 8,100.36 | 240.66 | 1.03 | 8,360 |
| Suncoast | SR 52 to Ridge Rd Extension | 14558 | 14645 | 92 | 2 | 26,489 | 33.34 | 54,792.67 | 1,643.33 | 1.03 | 56,548 |
| Suncoast | SR 52 to Ridge Rd Extension | 14644 | 14557 | 92 | 2 | 26,555 | 33.30 | 54,817.32 | 1,646.39 | 1.03 | 56,715 |
| Suncoast | SR 52 to Ridge Rd Extension | 14645 | 14722 | 92 | 2 | 26,489 | 33.45 | 30,356.49 | 907.62 | 1.03 | 31,329 |
| Suncoast | SR 52 to Ridge Rd Extension | 14722 | 14748 | 92 | 2 | 11,314 | 47.94 | 4,015.44 | 83.76 | 0.44 | 1,770 |
| Suncoast | SR 52 to Ridge Rd Extension | 14722 | 14752 | 71 | 1 | 15,175 | 22.27 | 5,842.30 | 262.28 | 0.99 | 5,774 |
| Suncoast | SR 52 to Ridge Rd Extension | 14725 | 14644 | 92 | 2 | 26,555 | 33.18 | 31,443.68 | 947.71 | 1.03 | 32,532 |
| Suncoast | SR 52 to Ridge Rd Extension | 14747 | 14725 | 92 | 2 | 11,378 | 47.94 | 3,650.06 | 76.15 | 0.44 | 1,618 |
| Suncoast | SR 52 to Ridge Rd Extension | 14749 | 14725 | 71 | 1 | 15,177 | 22.40 | 5,190.51 | 231.69 | 0.99 | 5,130 |
| Tower Rd | Gunn Ext to US 41 | 14550 | 15533 | 44 | 1 | 1,640 | 29.13 | 63.98 | 2.20 | 0.24 | 15 |
| Tower Rd | Gunn Ext to US 41 | 15319 | 15513 | 44 | 1 | 1,635 | 27.98 | 773.71 | 27.65 | 0.24 | 186 |
| Tower Rd | Gunn Ext to US 41 | 15319 | 15518 | 44 | 1 | 1,640 | 27.94 | 705.83 | 25.26 | 0.24 | 170 |
| Tower Rd | Gunn Ext to US 41 | 15320 | 15321 | 44 | 1 | 1,635 | 27.75 | 676.02 | 24.36 | 0.24 | 162 |
| Tower Rd | Gunn Ext to US 41 | 15320 | 15513 | 44 | 1 | 1,640 | 27.86 | 673.22 | 24.16 | 0.24 | 162 |
| Tower Rd | Gunn Ext to US 41 | 15321 | 15320 | 44 | 1 | 1,640 | 27.75 | 678.04 | 24.44 | 0.24 | 163 |
| Tower Rd | Gunn Ext to US 41 | 15321 | 15514 | 44 | 1 | 1,635 | 27.88 | 404.56 | 14.51 | 0.24 | 97 |
| Tower Rd | Gunn Ext to US 41 | 15323 | 15418 | 44 | 1 | 1,635 | 27.86 | 3,348.01 | 120.18 | 0.24 | 804 |
| Tower Rd | Gunn Ext to US 41 | 15323 | 15514 | 44 | 1 | 1,640 | 27.97 | 668.11 | 23.89 | 0.24 | 161 |
| Tower Rd | Gunn Ext to US 41 | 15418 | 15323 | 44 | 1 | 1,640 | 27.86 | 3,358.01 | 120.54 | 0.24 | 809 |
| Tower Rd | Gunn Ext to US 41 | 15418 | 15533 | 44 | 1 | 1,635 | 27.92 | 1,406.33 | 50.37 | 0.24 | 338 |
| Tower Rd | Gunn Ext to US 41 | 15441 | 18110 | 47 | 1 | 1,635 | 23.78 | 778.01 | 32.71 | 0.29 | 225 |
| Tower Rd | Gunn Ext to US 41 | 15444 | 15518 | 44 | 1 | 1,635 | 27.89 | 3,054.15 | 109.50 | 0.24 | 733 |
| Tower Rd | Gunn Ext to US 41 | 15444 | 18110 | 44 | 1 | 1,640 | 27.90 | 1,785.04 | 63.98 | 0.24 | 430 |
| Tower Rd | Gunn Ext to US 41 | 15513 | 15319 | 44 | 1 | 1,640 | 27.98 | 776.02 | 27.73 | 0.24 | 187 |
| Tower Rd | Gunn Ext to US 41 | 15513 | 15320 | 44 | 1 | 1,635 | 27.86 | 671.22 | 24.09 | 0.24 | 161 |
| Tower Rd | Gunn Ext to US 41 | 15514 | 15321 | 44 | 1 | 1,640 | 27.88 | 405.77 | 14.55 | 0.24 | 98 |
| Tower Rd | Gunn Ext to US 41 | 15514 | 15323 | 44 | 1 | 1,635 | 27.97 | 666.12 | 23.82 | 0.24 | 160 |
| Tower Rd | Gunn Ext to US 41 | 15518 | 15319 | 44 | 1 | 1,635 | 27.94 | 703.72 | 25.19 | 0.24 | 169 |
| Tower Rd | Gunn Ext to US 41 | 15518 | 15444 | 44 | 1 | 1,640 | 27.89 | 3,063.28 | 109.83 | 0.24 | 738 |
| Tower Rd | Gunn Ext to US 41 | 15533 | 14550 | 44 | 1 | 1,635 | 29.13 | 63.79 | 2.19 | 0.24 | 15 |
| Tower Rd | Gunn Ext to US 41 | 15533 | 15418 | 44 | 1 | 1,640 | 27.92 | 1,410.53 | 50.52 | 0.24 | 340 |
| Tower Rd | Gunn Ext to US 41 | 18110 | 15441 | 47 | 1 | 1,640 | 23.78 | 780.34 | 32.82 | 0.29 | 226 |

Ridge Road Extension Analysis: Alternative 12 - Add Tower Road as Two Lanes, Add Two Lanes to SR 54

| Name | From - To | A-Node | B-Node | Facility Type | Number of Lanes | Volume | C. Speed | VMT | VHT | VC Ratio LOS-E | VMT*VCE |
|----------------|-----------------------------|--------|--------|---------------|-----------------|--------|----------|-----------|----------|----------------|-----------|
| Tower Rd | Gunn Ext to US 41 | 18110 | 15444 | 44 | 1 | 1,635 | 27.90 | 1,779.72 | 63.78 | 0.24 | 427 |
| Tower Rd | Starkey to Gunn Ext | 15441 | 15443 | 47 | 1 | 5,190 | 15.91 | 7,489.22 | 470.65 | 0.92 | 6,875 |
| Tower Rd | Starkey to Gunn Ext | 15443 | 15441 | 47 | 1 | 5,241 | 15.73 | 7,563.65 | 480.96 | 0.93 | 7,013 |
| Tower Rd | Starkey to Gunn Ext | 15443 | 18111 | 44 | 1 | 6,190 | 18.82 | 8,043.63 | 427.42 | 0.91 | 7,313 |
| Tower Rd | Starkey to Gunn Ext | 18111 | 15443 | 44 | 1 | 6,243 | 18.63 | 8,113.14 | 435.45 | 0.92 | 7,440 |
| US 41 | Ridge Rd Extension to SR 54 | 14327 | 14350 | 23 | 3 | 26,888 | 29.44 | 12,882.12 | 437.56 | 0.88 | 11,341 |
| US 41 | Ridge Rd Extension to SR 54 | 14350 | 14327 | 23 | 3 | 26,921 | 29.41 | 12,897.90 | 438.57 | 0.88 | 11,368 |
| US 41 | Ridge Rd Extension to SR 54 | 14350 | 14357 | 23 | 3 | 26,442 | 30.58 | 3,754.73 | 122.77 | 0.87 | 3,251 |
| US 41 | Ridge Rd Extension to SR 54 | 14357 | 14350 | 23 | 3 | 26,475 | 30.55 | 3,759.45 | 123.05 | 0.87 | 3,259 |
| US 41 | Ridge Rd Extension to SR 54 | 14357 | 14388 | 23 | 3 | 28,440 | 27.91 | 15,610.64 | 559.33 | 0.93 | 14,536 |
| US 41 | Ridge Rd Extension to SR 54 | 14388 | 14357 | 23 | 3 | 28,469 | 27.88 | 15,626.51 | 560.50 | 0.93 | 14,565 |
| US 41 | Ridge Rd Extension to SR 54 | 14388 | 14415 | 23 | 3 | 28,440 | 25.12 | 14,313.78 | 569.83 | 1.02 | 14,661 |
| US 41 | Ridge Rd Extension to SR 54 | 14415 | 14388 | 23 | 3 | 28,469 | 25.08 | 14,328.33 | 571.21 | 1.03 | 14,691 |
| US 41 | Ridge Rd Extension to SR 54 | 14415 | 14443 | 23 | 3 | 31,855 | 20.65 | 8,585.01 | 415.79 | 1.15 | 9,849 |
| US 41 | Ridge Rd Extension to SR 54 | 14443 | 14415 | 23 | 3 | 31,892 | 20.60 | 8,594.94 | 417.14 | 1.15 | 9,872 |
| US 41 | Ridge Rd Extension to SR 54 | 14443 | 14491 | 23 | 3 | 27,261 | 26.45 | 14,715.33 | 556.29 | 0.98 | 14,447 |
| US 41 | Ridge Rd Extension to SR 54 | 14491 | 14443 | 23 | 3 | 27,323 | 26.38 | 14,749.05 | 559.14 | 0.98 | 14,514 |
| US 41 | Ridge Rd Extension to SR 54 | 14491 | 14503 | 23 | 3 | 32,544 | 20.01 | 6,990.50 | 349.40 | 1.17 | 8,193 |
| US 41 | Ridge Rd Extension to SR 54 | 14503 | 14491 | 23 | 3 | 32,578 | 19.97 | 6,997.69 | 350.44 | 1.17 | 8,210 |
| US 41 | Ridge Rd Extension to SR 54 | 14503 | 14509 | 23 | 3 | 29,820 | 23.45 | 6,652.94 | 283.66 | 1.07 | 7,145 |
| US 41 | Ridge Rd Extension to SR 54 | 14509 | 14503 | 23 | 3 | 29,837 | 23.43 | 6,656.62 | 284.06 | 1.07 | 7,153 |
| US 41 | Ridge Rd Extension to SR 54 | 14509 | 14531 | 23 | 3 | 27,922 | 25.67 | 17,384.39 | 677.16 | 1.01 | 17,482 |
| US 41 | Ridge Rd Extension to SR 54 | 14531 | 14509 | 23 | 3 | 27,941 | 25.65 | 17,396.35 | 678.23 | 1.01 | 17,506 |
| US 41 | Ridge Rd Extension to SR 54 | 14531 | 14541 | 23 | 3 | 25,486 | 28.21 | 9,287.16 | 329.27 | 0.92 | 8,524 |
| US 41 | Ridge Rd Extension to SR 54 | 14541 | 14531 | 23 | 3 | 25,473 | 28.22 | 9,282.25 | 328.92 | 0.92 | 8,515 |
| US 41 | Ridge Rd Extension to SR 54 | 14541 | 14550 | 23 | 2 | 25,218 | 14.48 | 11,373.19 | 785.66 | 1.36 | 15,494 |
| US 41 | Ridge Rd Extension to SR 54 | 14550 | 14541 | 23 | 2 | 25,218 | 14.48 | 11,373.33 | 785.69 | 1.36 | 15,494 |
| US 41 | Ridge Rd Extension to SR 54 | 14550 | 14552 | 23 | 2 | 25,073 | 14.55 | 6,155.43 | 423.03 | 1.35 | 8,337 |
| US 41 | Ridge Rd Extension to SR 54 | 14552 | 14550 | 23 | 2 | 25,078 | 14.54 | 6,156.71 | 423.33 | 1.35 | 8,341 |
| US 41 | Ridge Rd Extension to SR 54 | 14552 | 14559 | 23 | 2 | 24,783 | 14.96 | 8,108.98 | 541.92 | 1.34 | 10,856 |
| US 41 | Ridge Rd Extension to SR 54 | 14559 | 14552 | 23 | 2 | 24,800 | 14.94 | 8,114.61 | 543.21 | 1.34 | 10,871 |
| US 41 | Ridge Rd Extension to SR 54 | 14559 | 14565 | 23 | 2 | 23,858 | 3.89 | 7,002.22 | 1,799.59 | 1.95 | 13,629 |
| US 41 | Ridge Rd Extension to SR 54 | 14565 | 14559 | 23 | 2 | 23,875 | 3.88 | 7,007.27 | 1,805.42 | 1.95 | 13,648 |
| US 41 | Ridge Rd Extension to SR 54 | 14565 | 14578 | 23 | 2 | 21,606 | 5.46 | 14,579.47 | 2,670.38 | 1.76 | 25,698 |
| US 41 | Ridge Rd Extension to SR 54 | 14578 | 14565 | 23 | 2 | 21,623 | 5.45 | 14,591.29 | 2,679.67 | 1.76 | 25,739 |
| US 41 | Ridge Rd Extension to SR 54 | 14578 | 14630 | 23 | 2 | 18,662 | 8.59 | 21,321.09 | 2,482.18 | 1.52 | 32,460 |
| US 41 | Ridge Rd Extension to SR 54 | 14630 | 14578 | 23 | 2 | 18,661 | 8.59 | 21,320.53 | 2,481.93 | 1.52 | 32,458 |
| US 41 | Ridge Rd Extension to SR 54 | 14630 | 14636 | 23 | 2 | 17,325 | 10.57 | 3,530.78 | 333.99 | 1.41 | 4,990 |
| US 41 | Ridge Rd Extension to SR 54 | 14636 | 14630 | 23 | 2 | 17,325 | 10.57 | 3,530.88 | 334.03 | 1.41 | 4,991 |
| US 41 | SR 52 to Ridge Rd Extension | 14636 | 14662 | 31 | 1 | 18,876 | 21.91 | 9,256.59 | 422.43 | 1.18 | 10,920 |
| US 41 | SR 52 to Ridge Rd Extension | 14662 | 14636 | 31 | 1 | 18,904 | 21.85 | 9,270.28 | 424.26 | 1.18 | 10,953 |
| US 41 | SR 52 to Ridge Rd Extension | 14662 | 14671 | 31 | 1 | 17,875 | 24.54 | 2,668.68 | 108.76 | 1.12 | 2,981 |
| US 41 | SR 52 to Ridge Rd Extension | 14671 | 14662 | 31 | 1 | 17,918 | 24.44 | 2,675.08 | 109.47 | 1.12 | 2,996 |
| US 41 | SR 52 to Ridge Rd Extension | 14671 | 14676 | 31 | 1 | 17,884 | 23.90 | 2,850.75 | 119.29 | 1.12 | 3,186 |
| US 41 | SR 52 to Ridge Rd Extension | 14676 | 14671 | 31 | 1 | 17,924 | 23.81 | 2,857.11 | 120.01 | 1.12 | 3,201 |
| US 41 | SR 52 to Ridge Rd Extension | 14676 | 14687 | 31 | 1 | 17,884 | 24.28 | 4,785.82 | 197.09 | 1.12 | 5,349 |
| US 41 | SR 52 to Ridge Rd Extension | 14687 | 14676 | 31 | 1 | 17,924 | 24.19 | 4,796.50 | 198.28 | 1.12 | 5,373 |
| US 41 | SR 52 to Ridge Rd Extension | 14687 | 14692 | 31 | 1 | 17,791 | 24.62 | 2,140.28 | 86.94 | 1.11 | 2,380 |
| US 41 | SR 52 to Ridge Rd Extension | 14692 | 14687 | 31 | 1 | 17,833 | 24.52 | 2,145.32 | 87.49 | 1.11 | 2,391 |
| US 41 | SR 52 to Ridge Rd Extension | 14692 | 14701 | 31 | 1 | 17,791 | 23.98 | 3,065.42 | 127.86 | 1.11 | 3,409 |
| US 41 | SR 52 to Ridge Rd Extension | 14701 | 14692 | 31 | 1 | 17,833 | 23.88 | 3,072.64 | 128.67 | 1.11 | 3,425 |
| US 41 | SR 52 to Ridge Rd Extension | 14701 | 14717 | 31 | 1 | 17,791 | 24.45 | 8,128.80 | 332.42 | 1.11 | 9,039 |
| US 41 | SR 52 to Ridge Rd Extension | 14717 | 14701 | 31 | 1 | 17,833 | 24.36 | 8,147.95 | 334.53 | 1.11 | 9,081 |
| US 41 | SR 52 to Ridge Rd Extension | 14717 | 14781 | 31 | 1 | 17,293 | 25.59 | 14,211.51 | 555.37 | 1.08 | 15,360 |
| US 41 | SR 52 to Ridge Rd Extension | 14781 | 14717 | 31 | 1 | 17,332 | 25.50 | 14,243.10 | 558.56 | 1.08 | 15,428 |
| Totals: | | | | | | | | 2,238,978 | 108,584 | | 2,313,492 |

Avg. Speed: 20.62 Weighted VC Ratio: 1.033

C-3-37



Tindale Oliver

Ridge Road Extension Analysis: Alternative 13 - Add two Lanes to SR 52, Add Two Lanes to SR 54

| Name | From - To | A-Node | B-Node | Facility Type | Number of Lanes | Volume | C. Speed | VMT | VHT | VC Ratio LOS-E | VMT*VCE |
|---------------|------------------------------|--------|--------|---------------|-----------------|--------|----------|-----------|----------|----------------|---------|
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14370 | 14373 | 41 | 1 | 11,107 | 11.48 | 2,202.52 | 191.81 | 1.35 | 2,975 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14373 | 14370 | 41 | 1 | 11,074 | 11.56 | 2,196.06 | 189.95 | 1.35 | 2,958 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14373 | 14381 | 41 | 1 | 11,107 | 11.26 | 1,603.85 | 142.49 | 1.35 | 2,167 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14381 | 14373 | 41 | 1 | 11,074 | 11.33 | 1,599.15 | 141.11 | 1.35 | 2,154 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14381 | 14407 | 41 | 1 | 8,854 | 17.76 | 4,796.93 | 270.03 | 1.08 | 5,165 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14407 | 14381 | 41 | 1 | 8,824 | 17.86 | 4,780.70 | 267.62 | 1.07 | 5,130 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14407 | 14439 | 41 | 1 | 3,944 | 31.87 | 2,644.95 | 83.00 | 0.48 | 1,269 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14439 | 14407 | 41 | 1 | 3,910 | 31.92 | 2,622.54 | 82.17 | 0.48 | 1,247 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14439 | 14470 | 41 | 2 | 8,066 | 32.06 | 4,171.18 | 130.12 | 0.48 | 1,997 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14470 | 14439 | 41 | 2 | 8,055 | 32.07 | 4,164.99 | 129.89 | 0.48 | 1,992 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14470 | 14528 | 32 | 1 | 10,183 | 22.45 | 11,577.40 | 515.78 | 0.97 | 11,193 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14528 | 14470 | 32 | 1 | 10,102 | 22.68 | 11,485.22 | 506.34 | 0.96 | 11,015 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14528 | 14551 | 32 | 1 | 7,165 | 30.69 | 4,573.85 | 149.05 | 0.68 | 3,111 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14551 | 14528 | 32 | 1 | 7,094 | 30.84 | 4,528.81 | 146.83 | 0.67 | 3,050 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14551 | 14568 | 32 | 1 | 8,291 | 27.64 | 4,455.57 | 161.18 | 0.79 | 3,507 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14568 | 14551 | 32 | 1 | 8,228 | 27.81 | 4,421.90 | 159.01 | 0.78 | 3,454 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14568 | 14585 | 32 | 1 | 8,291 | 27.80 | 5,227.46 | 188.05 | 0.79 | 4,115 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14585 | 14568 | 32 | 1 | 8,228 | 27.97 | 5,187.95 | 185.51 | 0.78 | 4,053 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14585 | 14623 | 32 | 1 | 9,214 | 25.25 | 5,592.80 | 221.54 | 0.87 | 4,892 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14623 | 14585 | 32 | 1 | 9,157 | 25.41 | 5,558.13 | 218.74 | 0.87 | 4,832 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14623 | 14700 | 32 | 1 | 7,499 | 29.81 | 9,948.57 | 333.74 | 0.71 | 7,082 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14700 | 14623 | 32 | 1 | 7,460 | 29.90 | 9,897.24 | 330.99 | 0.71 | 7,010 |
| SR 52 | Moon Lake to Suncoast | 14691 | 14693 | 23 | 4 | 20,890 | 35.39 | 8,023.74 | 226.73 | 0.61 | 4,930 |
| SR 52 | Moon Lake to Suncoast | 14691 | 14713 | 23 | 4 | 21,315 | 35.41 | 20,788.08 | 587.13 | 0.63 | 13,032 |
| SR 52 | Moon Lake to Suncoast | 14693 | 14691 | 23 | 4 | 21,315 | 35.20 | 8,186.92 | 232.56 | 0.63 | 5,132 |
| SR 52 | Moon Lake to Suncoast | 14693 | 14694 | 23 | 4 | 20,934 | 35.72 | 5,591.38 | 156.52 | 0.62 | 3,443 |
| SR 52 | Moon Lake to Suncoast | 14694 | 14693 | 23 | 4 | 21,340 | 35.54 | 5,699.84 | 160.37 | 0.63 | 3,577 |
| SR 52 | Moon Lake to Suncoast | 14694 | 14700 | 23 | 4 | 19,986 | 35.99 | 3,039.81 | 84.47 | 0.59 | 1,787 |
| SR 52 | Moon Lake to Suncoast | 14700 | 14694 | 23 | 4 | 20,366 | 35.84 | 3,097.70 | 86.44 | 0.60 | 1,856 |
| SR 52 | Moon Lake to Suncoast | 14713 | 14691 | 23 | 4 | 20,890 | 35.59 | 20,373.75 | 572.39 | 0.61 | 12,518 |
| SR 52 | Moon Lake to Suncoast | 14713 | 14718 | 23 | 4 | 21,315 | 24.17 | 4,691.33 | 194.13 | 0.87 | 4,079 |
| SR 52 | Moon Lake to Suncoast | 14718 | 14713 | 23 | 4 | 20,890 | 24.57 | 4,597.83 | 187.13 | 0.85 | 3,918 |
| SR 52 | Moon Lake to Suncoast | 14718 | 14723 | 23 | 4 | 21,315 | 24.27 | 2,738.92 | 112.87 | 0.87 | 2,381 |
| SR 52 | Moon Lake to Suncoast | 14723 | 14718 | 23 | 4 | 20,887 | 24.68 | 2,683.94 | 108.77 | 0.85 | 2,287 |
| SR 52 | Moon Lake to Suncoast | 14723 | 14727 | 23 | 4 | 22,507 | 22.80 | 2,171.95 | 95.28 | 0.92 | 1,994 |
| SR 52 | Moon Lake to Suncoast | 14727 | 14723 | 23 | 4 | 22,075 | 23.23 | 2,130.19 | 91.69 | 0.90 | 1,918 |
| SR 52 | Moon Lake to Suncoast | 14727 | 14734 | 23 | 4 | 22,507 | 22.72 | 7,519.68 | 330.96 | 0.92 | 6,904 |
| SR 52 | Moon Lake to Suncoast | 14734 | 14727 | 23 | 4 | 22,075 | 23.16 | 7,375.09 | 318.49 | 0.90 | 6,641 |
| SR 52 | Moon Lake to Suncoast | 14734 | 14738 | 23 | 4 | 23,530 | 21.81 | 4,317.83 | 197.99 | 0.96 | 4,144 |
| SR 52 | Moon Lake to Suncoast | 14738 | 14734 | 23 | 4 | 23,060 | 22.30 | 4,231.60 | 189.72 | 0.94 | 3,980 |
| SR 52 | Moon Lake to Suncoast | 14738 | 14749 | 23 | 4 | 23,625 | 21.47 | 8,455.31 | 393.85 | 0.96 | 8,148 |
| SR 52 | Moon Lake to Suncoast | 14749 | 14738 | 23 | 4 | 23,167 | 21.95 | 8,291.42 | 377.78 | 0.94 | 7,835 |
| SR 52 | Moon Lake to Suncoast | 14749 | 14752 | 23 | 3 | 14,071 | 25.76 | 1,545.02 | 59.98 | 0.77 | 1,182 |
| SR 52 | Moon Lake to Suncoast | 14752 | 14749 | 23 | 3 | 28,640 | 7.90 | 3,144.68 | 398.09 | 1.56 | 4,898 |
| SR 52 | Suncoast to US 41 | 14752 | 14757 | 32 | 2 | 20,198 | 16.75 | 2,025.89 | 120.92 | 1.15 | 2,328 |
| SR 52 | Suncoast to US 41 | 14757 | 14752 | 32 | 2 | 19,643 | 17.62 | 1,970.18 | 111.83 | 1.12 | 2,202 |
| SR 52 | Suncoast to US 41 | 14757 | 14767 | 32 | 2 | 19,638 | 17.99 | 9,819.21 | 545.67 | 1.12 | 10,970 |
| SR 52 | Suncoast to US 41 | 14762 | 14765 | 32 | 2 | 16,404 | 23.47 | 2,071.84 | 88.26 | 0.93 | 1,934 |
| SR 52 | Suncoast to US 41 | 14762 | 14767 | 32 | 2 | 15,378 | 25.25 | 18,116.28 | 717.58 | 0.87 | 15,849 |
| SR 52 | Suncoast to US 41 | 14765 | 14762 | 32 | 2 | 16,080 | 24.04 | 2,030.90 | 84.48 | 0.91 | 1,858 |
| SR 52 | Suncoast to US 41 | 14765 | 14773 | 32 | 2 | 16,519 | 23.09 | 3,744.79 | 162.21 | 0.94 | 3,519 |
| SR 52 | Suncoast to US 41 | 14767 | 14757 | 32 | 2 | 19,103 | 18.87 | 9,551.29 | 506.18 | 1.09 | 10,380 |
| SR 52 | Suncoast to US 41 | 14767 | 14762 | 32 | 2 | 15,694 | 24.70 | 18,488.79 | 748.56 | 0.89 | 16,507 |
| SR 52 | Suncoast to US 41 | 14773 | 14765 | 32 | 2 | 16,200 | 23.64 | 3,672.43 | 155.35 | 0.92 | 3,384 |
| SR 52 | Suncoast to US 41 | 14773 | 14774 | 32 | 2 | 15,982 | 24.26 | 7,800.58 | 321.55 | 0.91 | 7,092 |
| SR 52 | Suncoast to US 41 | 14774 | 14773 | 32 | 2 | 15,673 | 24.80 | 7,650.10 | 308.51 | 0.89 | 6,821 |
| SR 52 | Suncoast to US 41 | 14774 | 14781 | 32 | 2 | 15,171 | 25.54 | 6,641.87 | 260.02 | 0.86 | 5,732 |
| SR 52 | Suncoast to US 41 | 14781 | 14774 | 32 | 2 | 14,877 | 26.04 | 6,513.03 | 250.07 | 0.85 | 5,512 |
| SR 54 | Starkey to Suncoast | 14107 | 14109 | 23 | 4 | 35,838 | 23.99 | 32,032.31 | 1,335.08 | 1.05 | 33,764 |
| SR 54 | Starkey to Suncoast | 14107 | 14114 | 23 | 4 | 37,973 | 21.81 | 27,583.93 | 1,264.71 | 1.12 | 30,808 |
| SR 54 | Starkey to Suncoast | 14109 | 14107 | 23 | 4 | 35,938 | 23.89 | 32,121.01 | 1,344.27 | 1.06 | 33,952 |

Ridge Road Extension Analysis: Alternative 13 - Add two Lanes to SR 52, Add Two Lanes to SR 54

| Name | From - To | A-Node | B-Node | Facility Type | Number of Lanes | Volume | C. Speed | VMT | VHT | VC Ratio LOS-E | VMT*VCE |
|--------------|------------------------|--------|--------|---------------|-----------------|--------|----------|-----------|----------|----------------|---------|
| SR 54 | Starkey to Suncoast | 14109 | 14118 | 23 | 4 | 35,752 | 24.21 | 10,940.19 | 451.80 | 1.05 | 11,504 |
| SR 54 | Starkey to Suncoast | 14114 | 14107 | 23 | 4 | 37,860 | 21.92 | 27,501.60 | 1,254.57 | 1.11 | 30,624 |
| SR 54 | Starkey to Suncoast | 14114 | 14121 | 23 | 4 | 37,973 | 21.68 | 5,722.60 | 263.94 | 1.12 | 6,391 |
| SR 54 | Starkey to Suncoast | 14118 | 14109 | 23 | 4 | 35,848 | 24.12 | 10,969.34 | 454.78 | 1.05 | 11,565 |
| SR 54 | Starkey to Suncoast | 14118 | 14120 | 23 | 4 | 35,752 | 23.55 | 4,211.62 | 178.84 | 1.05 | 4,429 |
| SR 54 | Starkey to Suncoast | 14120 | 14118 | 23 | 4 | 35,848 | 23.46 | 4,222.84 | 180.02 | 1.05 | 4,452 |
| SR 54 | Starkey to Suncoast | 14120 | 14124 | 23 | 4 | 40,820 | 19.03 | 4,367.69 | 229.57 | 1.20 | 5,244 |
| SR 54 | Starkey to Suncoast | 14121 | 14114 | 23 | 4 | 37,860 | 21.79 | 5,705.52 | 261.82 | 1.11 | 6,353 |
| SR 54 | Starkey to Suncoast | 14124 | 14120 | 23 | 4 | 40,921 | 18.93 | 4,378.50 | 231.27 | 1.20 | 5,270 |
| SR 54 | Starkey to Suncoast | 14124 | 14151 | 23 | 4 | 44,147 | 16.13 | 32,324.45 | 2,003.63 | 1.30 | 41,971 |
| SR 54 | Starkey to Suncoast | 14151 | 14124 | 23 | 4 | 44,211 | 16.08 | 32,371.44 | 2,013.26 | 1.30 | 42,094 |
| SR 54 | Starkey to Suncoast | 14151 | 14163 | 23 | 4 | 43,430 | 16.96 | 13,889.00 | 818.70 | 1.28 | 17,741 |
| SR 54 | Starkey to Suncoast | 14163 | 14151 | 23 | 4 | 43,528 | 16.88 | 13,920.40 | 824.71 | 1.28 | 17,822 |
| SR 54 | Starkey to Suncoast | 14163 | 14167 | 23 | 4 | 42,870 | 17.55 | 8,269.56 | 471.18 | 1.26 | 10,427 |
| SR 54 | Starkey to Suncoast | 14167 | 14163 | 23 | 4 | 42,999 | 17.44 | 8,294.44 | 475.71 | 1.26 | 10,490 |
| SR 54 | Starkey to Suncoast | 14167 | 14172 | 23 | 4 | 35,706 | 24.01 | 15,992.66 | 666.15 | 1.05 | 16,795 |
| SR 54 | Starkey to Suncoast | 14172 | 14167 | 23 | 4 | 35,819 | 23.90 | 16,043.31 | 671.37 | 1.05 | 16,902 |
| SR 54 | Starkey to Suncoast | 14172 | 14177 | 23 | 4 | 35,435 | 24.32 | 15,903.39 | 653.86 | 1.04 | 16,575 |
| SR 54 | Starkey to Suncoast | 14174 | 14181 | 23 | 4 | 35,477 | 24.33 | 35,955.46 | 1,477.66 | 1.04 | 37,517 |
| SR 54 | Starkey to Suncoast | 14174 | 14199 | 23 | 4 | 32,573 | 27.12 | 16,071.58 | 592.56 | 0.96 | 15,397 |
| SR 54 | Starkey to Suncoast | 14177 | 14172 | 23 | 4 | 35,578 | 24.18 | 15,967.27 | 660.29 | 1.05 | 16,708 |
| SR 54 | Starkey to Suncoast | 14177 | 14181 | 23 | 4 | 34,941 | 24.74 | 18,944.91 | 765.63 | 1.03 | 19,469 |
| SR 54 | Starkey to Suncoast | 14181 | 14174 | 23 | 4 | 35,355 | 24.45 | 35,832.06 | 1,465.36 | 1.04 | 37,260 |
| SR 54 | Starkey to Suncoast | 14181 | 14177 | 23 | 4 | 35,087 | 24.60 | 19,023.94 | 773.29 | 1.03 | 19,632 |
| SR 54 | Starkey to Suncoast | 14199 | 14174 | 23 | 4 | 32,950 | 26.76 | 16,257.57 | 607.48 | 0.97 | 15,756 |
| SR 54 | Starkey to Suncoast | 14199 | 14210 | 23 | 4 | 33,443 | 26.51 | 7,039.65 | 265.55 | 0.98 | 6,924 |
| SR 54 | Starkey to Suncoast | 14210 | 14199 | 23 | 4 | 33,817 | 26.14 | 7,118.43 | 272.28 | 0.99 | 7,080 |
| SR 54 | Starkey to Suncoast | 14210 | 14217 | 23 | 4 | 35,063 | 25.00 | 4,039.22 | 161.59 | 1.03 | 4,165 |
| SR 54 | Starkey to Suncoast | 14217 | 14210 | 23 | 4 | 34,562 | 25.49 | 3,981.55 | 156.17 | 1.02 | 4,047 |
| SR 54 | Suncoast to US 41 | 14217 | 14227 | 23 | 4 | 36,147 | 23.85 | 10,381.36 | 435.29 | 1.06 | 11,037 |
| SR 54 | Suncoast to US 41 | 14227 | 14217 | 23 | 4 | 36,065 | 23.93 | 10,357.94 | 432.83 | 1.06 | 10,987 |
| SR 54 | Suncoast to US 41 | 14227 | 14246 | 23 | 4 | 36,147 | 23.57 | 16,186.54 | 686.79 | 1.06 | 17,209 |
| SR 54 | Suncoast to US 41 | 14246 | 14227 | 23 | 4 | 36,065 | 23.65 | 16,150.02 | 682.91 | 1.06 | 17,131 |
| SR 54 | Suncoast to US 41 | 14246 | 14257 | 23 | 4 | 32,741 | 26.86 | 13,823.36 | 514.66 | 0.96 | 13,312 |
| SR 54 | Suncoast to US 41 | 14257 | 14246 | 23 | 4 | 32,742 | 26.86 | 13,823.47 | 514.67 | 0.96 | 13,312 |
| SR 54 | Suncoast to US 41 | 14257 | 14268 | 23 | 4 | 32,728 | 27.19 | 8,973.93 | 330.01 | 0.96 | 8,638 |
| SR 54 | Suncoast to US 41 | 14268 | 14257 | 23 | 4 | 32,728 | 27.19 | 8,974.01 | 330.02 | 0.96 | 8,638 |
| SR 54 | Suncoast to US 41 | 14268 | 14285 | 23 | 4 | 30,740 | 28.84 | 28,603.42 | 991.69 | 0.90 | 25,861 |
| SR 54 | Suncoast to US 41 | 14285 | 14268 | 23 | 4 | 30,744 | 28.84 | 28,606.95 | 991.93 | 0.90 | 25,867 |
| SR 54 | Suncoast to US 41 | 14285 | 15330 | 23 | 4 | 32,928 | 26.98 | 11,330.65 | 419.96 | 0.97 | 10,974 |
| SR 54 | Suncoast to US 41 | 14313 | 14316 | 23 | 4 | 34,542 | 25.21 | 16,379.74 | 649.83 | 1.02 | 16,641 |
| SR 54 | Suncoast to US 41 | 14313 | 15330 | 23 | 4 | 31,106 | 28.48 | 17,114.44 | 600.83 | 0.91 | 15,658 |
| SR 54 | Suncoast to US 41 | 14314 | 14316 | 23 | 4 | 37,857 | 21.90 | 21,021.97 | 959.80 | 1.11 | 23,407 |
| SR 54 | Suncoast to US 41 | 14314 | 14329 | 23 | 4 | 40,553 | 19.37 | 15,134.44 | 781.38 | 1.19 | 18,051 |
| SR 54 | Suncoast to US 41 | 14316 | 14313 | 23 | 4 | 34,520 | 25.23 | 16,369.53 | 648.88 | 1.02 | 16,620 |
| SR 54 | Suncoast to US 41 | 14316 | 14314 | 23 | 4 | 37,883 | 21.88 | 21,036.70 | 961.61 | 1.11 | 23,440 |
| SR 54 | Suncoast to US 41 | 14327 | 14330 | 23 | 4 | 39,125 | 20.54 | 8,830.45 | 429.88 | 1.15 | 10,161 |
| SR 54 | Suncoast to US 41 | 14329 | 14314 | 23 | 4 | 40,514 | 19.41 | 15,119.83 | 779.15 | 1.19 | 18,017 |
| SR 54 | Suncoast to US 41 | 14329 | 14330 | 23 | 4 | 39,489 | 20.42 | 5,255.97 | 257.44 | 1.16 | 6,104 |
| SR 54 | Suncoast to US 41 | 14330 | 14327 | 23 | 4 | 39,167 | 20.50 | 8,839.96 | 431.19 | 1.15 | 10,183 |
| SR 54 | Suncoast to US 41 | 14330 | 14329 | 23 | 4 | 39,451 | 20.45 | 5,250.88 | 256.73 | 1.16 | 6,093 |
| SR 54 | Suncoast to US 41 | 15330 | 14285 | 23 | 4 | 32,805 | 27.10 | 11,288.06 | 416.54 | 0.96 | 10,891 |
| SR 54 | Suncoast to US 41 | 15330 | 14313 | 23 | 4 | 32,065 | 27.60 | 17,642.38 | 639.32 | 0.94 | 16,639 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14121 | 14150 | 43 | 2 | 6,427 | 29.10 | 2,320.61 | 79.74 | 0.42 | 985 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14150 | 14121 | 43 | 2 | 6,393 | 29.12 | 2,308.47 | 79.28 | 0.42 | 974 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14150 | 14241 | 43 | 1 | 6,669 | 20.71 | 12,179.30 | 588.01 | 0.89 | 10,801 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14241 | 14150 | 43 | 1 | 6,635 | 20.83 | 12,117.75 | 581.85 | 0.88 | 10,692 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14241 | 14255 | 43 | 1 | 6,669 | 20.80 | 1,709.22 | 82.16 | 0.89 | 1,516 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14255 | 14241 | 43 | 1 | 6,635 | 20.92 | 1,700.58 | 81.30 | 0.88 | 1,500 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14255 | 14295 | 43 | 1 | 4,850 | 26.11 | 2,832.85 | 108.52 | 0.64 | 1,827 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14295 | 14255 | 43 | 1 | 4,784 | 26.26 | 2,794.46 | 106.40 | 0.64 | 1,778 |

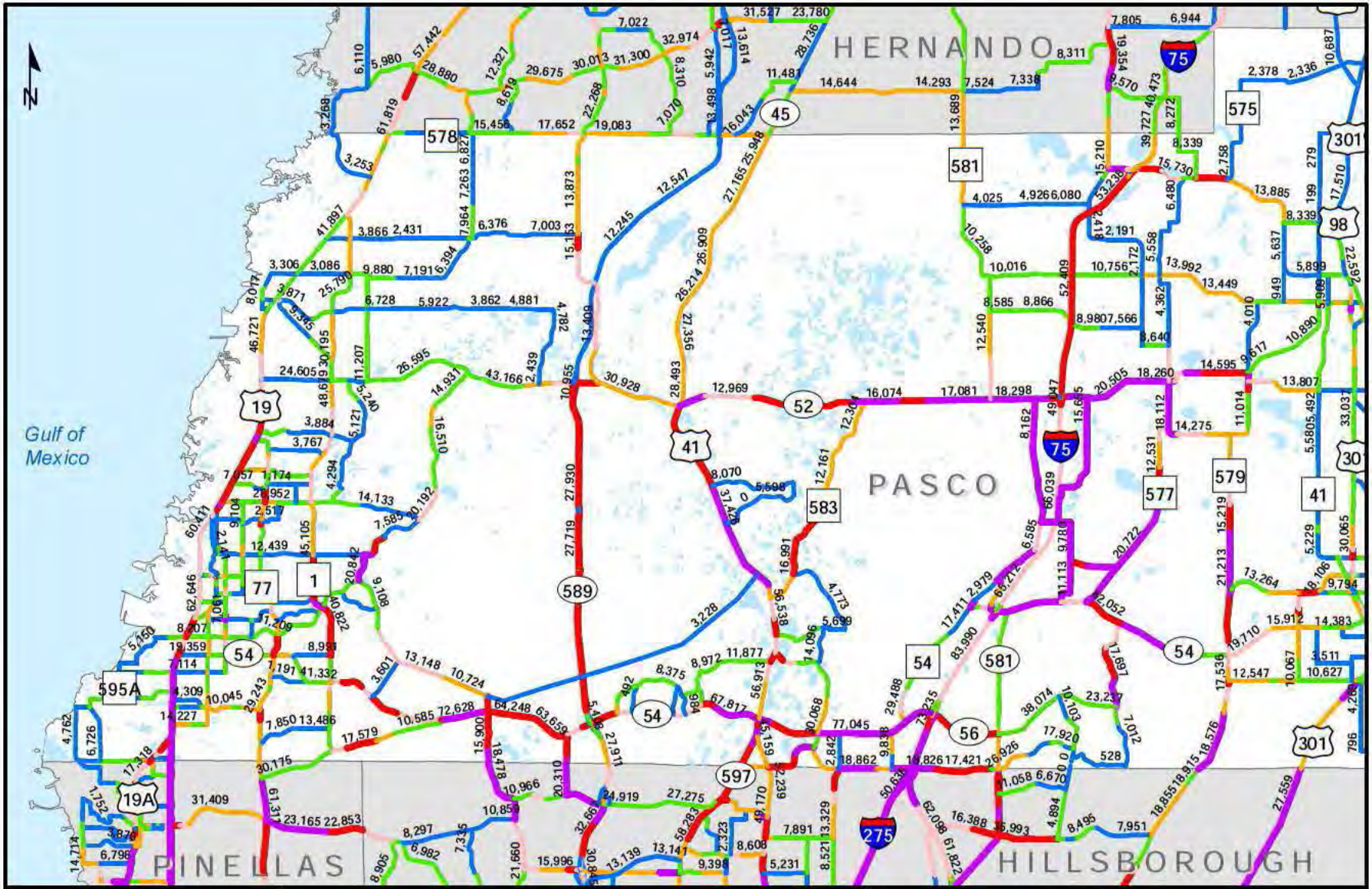
Ridge Road Extension Analysis: Alternative 13 - Add two Lanes to SR 52, Add Two Lanes to SR 54

| Name | From - To | A-Node | B-Node | Facility Type | Number of Lanes | Volume | C. Speed | VMT | VHT | VC Ratio LOS-E | VMT*VCE |
|--------------|-----------------------------|--------|--------|---------------|-----------------|--------|----------|-----------|----------|----------------|---------|
| Starkey Blvd | DeCubellis Rd to SR 54 | 14295 | 14297 | 43 | 1 | 3,917 | 28.45 | 576.14 | 20.25 | 0.52 | 300 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14297 | 14295 | 43 | 1 | 3,838 | 28.58 | 564.58 | 19.76 | 0.51 | 288 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14297 | 14336 | 43 | 1 | 3,917 | 28.11 | 3,278.62 | 116.62 | 0.52 | 1,708 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14336 | 14297 | 43 | 1 | 3,838 | 28.24 | 3,212.84 | 113.77 | 0.51 | 1,640 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14336 | 14361 | 41 | 1 | 10,153 | 13.76 | 5,719.17 | 415.59 | 1.23 | 7,062 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14361 | 14336 | 41 | 1 | 10,117 | 13.86 | 5,699.07 | 411.14 | 1.23 | 7,013 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14361 | 14370 | 41 | 1 | 10,153 | 13.86 | 2,052.93 | 148.13 | 1.23 | 2,535 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14370 | 14361 | 41 | 1 | 10,117 | 13.96 | 2,045.72 | 146.55 | 1.23 | 2,517 |
| Suncoast | Ridge Rd Extension to SR 54 | 14213 | 14235 | 92 | 2 | 21,761 | 44.59 | 9,248.63 | 207.43 | 0.71 | 6,563 |
| Suncoast | Ridge Rd Extension to SR 54 | 14217 | 14235 | 71 | 2 | 5,722 | 29.79 | 2,331.72 | 78.27 | 0.18 | 415 |
| Suncoast | Ridge Rd Extension to SR 54 | 14233 | 14210 | 71 | 2 | 6,053 | 29.92 | 2,507.92 | 83.83 | 0.19 | 473 |
| Suncoast | Ridge Rd Extension to SR 54 | 14233 | 14211 | 92 | 2 | 21,621 | 44.07 | 9,262.28 | 210.20 | 0.71 | 6,530 |
| Suncoast | Ridge Rd Extension to SR 54 | 14235 | 14292 | 92 | 2 | 27,483 | 32.34 | 26,367.65 | 815.41 | 1.07 | 28,234 |
| Suncoast | Ridge Rd Extension to SR 54 | 14291 | 14233 | 92 | 2 | 27,674 | 32.12 | 26,544.94 | 826.55 | 1.08 | 28,621 |
| Suncoast | Ridge Rd Extension to SR 54 | 14292 | 14391 | 92 | 2 | 27,483 | 32.40 | 53,070.61 | 1,638.17 | 1.07 | 56,827 |
| Suncoast | Ridge Rd Extension to SR 54 | 14390 | 14291 | 92 | 2 | 27,674 | 32.27 | 53,585.24 | 1,660.55 | 1.08 | 57,776 |
| Suncoast | Ridge Rd Extension to SR 54 | 14391 | 14449 | 92 | 2 | 27,483 | 32.51 | 20,777.51 | 639.11 | 1.07 | 22,248 |
| Suncoast | Ridge Rd Extension to SR 54 | 14449 | 14472 | 92 | 2 | 27,483 | 32.13 | 7,788.82 | 242.42 | 1.07 | 8,340 |
| Suncoast | Ridge Rd Extension to SR 54 | 14451 | 14390 | 92 | 2 | 27,674 | 32.05 | 21,959.35 | 685.07 | 1.08 | 23,677 |
| Suncoast | Ridge Rd Extension to SR 54 | 14471 | 14451 | 92 | 2 | 27,674 | 32.14 | 6,940.65 | 215.95 | 1.08 | 7,483 |
| Suncoast | Ridge Rd Extension to SR 54 | 14472 | 14485 | 92 | 2 | 27,483 | 20.63 | 3,531.63 | 171.16 | 1.07 | 3,782 |
| Suncoast | Ridge Rd Extension to SR 54 | 14484 | 14471 | 92 | 2 | 27,674 | 14.56 | 3,392.84 | 233.07 | 1.08 | 3,658 |
| Suncoast | Ridge Rd Extension to SR 54 | 14485 | 14492 | 99 | 2 | 27,483 | 0.56 | 1,921.10 | 3,407.95 | 0.75 | 1,440 |
| Suncoast | Ridge Rd Extension to SR 54 | 14490 | 14484 | 99 | 2 | 27,674 | 0.57 | 1,951.02 | 3,431.58 | 0.75 | 1,473 |
| Suncoast | Ridge Rd Extension to SR 54 | 14492 | 14501 | 92 | 2 | 27,483 | 15.74 | 3,850.44 | 244.62 | 1.07 | 4,123 |
| Suncoast | Ridge Rd Extension to SR 54 | 14500 | 14490 | 92 | 2 | 27,674 | 21.63 | 3,913.11 | 180.95 | 1.08 | 4,219 |
| Suncoast | Ridge Rd Extension to SR 54 | 14501 | 14510 | 92 | 2 | 27,483 | 32.92 | 7,497.49 | 227.73 | 1.07 | 8,028 |
| Suncoast | Ridge Rd Extension to SR 54 | 14508 | 14500 | 92 | 2 | 27,674 | 31.92 | 7,131.60 | 223.39 | 1.08 | 7,689 |
| Suncoast | Ridge Rd Extension to SR 54 | 14510 | 15304 | 92 | 2 | 27,483 | 32.42 | 26,194.51 | 808.06 | 1.07 | 28,049 |
| Suncoast | Ridge Rd Extension to SR 54 | 14557 | 15303 | 92 | 2 | 27,674 | 32.03 | 8,346.49 | 260.62 | 1.08 | 8,999 |
| Suncoast | Ridge Rd Extension to SR 54 | 15303 | 14508 | 92 | 2 | 27,674 | 32.31 | 26,943.45 | 834.00 | 1.08 | 29,051 |
| Suncoast | Ridge Rd Extension to SR 54 | 15304 | 14558 | 92 | 2 | 27,483 | 32.69 | 8,404.45 | 257.11 | 1.07 | 8,999 |
| Suncoast | SR 52 to Ridge Rd Extension | 14558 | 14645 | 92 | 2 | 27,483 | 32.38 | 56,849.59 | 1,755.70 | 1.07 | 60,874 |
| Suncoast | SR 52 to Ridge Rd Extension | 14644 | 14557 | 92 | 2 | 27,674 | 32.23 | 57,127.52 | 1,772.24 | 1.08 | 61,595 |
| Suncoast | SR 52 to Ridge Rd Extension | 14645 | 14722 | 92 | 2 | 27,483 | 32.48 | 31,496.07 | 969.68 | 1.07 | 33,726 |
| Suncoast | SR 52 to Ridge Rd Extension | 14722 | 14748 | 92 | 2 | 11,138 | 48.05 | 3,952.84 | 82.27 | 0.43 | 1,715 |
| Suncoast | SR 52 to Ridge Rd Extension | 14722 | 14752 | 71 | 1 | 16,346 | 20.69 | 6,293.05 | 304.13 | 1.06 | 6,699 |
| Suncoast | SR 52 to Ridge Rd Extension | 14725 | 14644 | 92 | 2 | 27,674 | 32.12 | 32,768.83 | 1,020.16 | 1.08 | 35,332 |
| Suncoast | SR 52 to Ridge Rd Extension | 14747 | 14725 | 92 | 2 | 11,290 | 47.99 | 3,621.85 | 75.47 | 0.44 | 1,593 |
| Suncoast | SR 52 to Ridge Rd Extension | 14749 | 14725 | 71 | 1 | 16,384 | 20.76 | 5,603.33 | 269.90 | 1.07 | 5,979 |
| US 41 | Ridge Rd Extension to SR 54 | 14327 | 14350 | 23 | 3 | 26,786 | 29.54 | 12,833.03 | 434.42 | 0.88 | 11,254 |
| US 41 | Ridge Rd Extension to SR 54 | 14350 | 14327 | 23 | 3 | 26,996 | 29.34 | 12,933.98 | 440.89 | 0.88 | 11,432 |
| US 41 | Ridge Rd Extension to SR 54 | 14350 | 14357 | 23 | 3 | 26,307 | 30.71 | 3,735.59 | 121.62 | 0.86 | 3,217 |
| US 41 | Ridge Rd Extension to SR 54 | 14357 | 14350 | 23 | 3 | 26,538 | 30.49 | 3,768.34 | 123.59 | 0.87 | 3,274 |
| US 41 | Ridge Rd Extension to SR 54 | 14357 | 14388 | 23 | 3 | 28,305 | 28.05 | 15,536.46 | 553.92 | 0.93 | 14,398 |
| US 41 | Ridge Rd Extension to SR 54 | 14388 | 14357 | 23 | 3 | 28,554 | 27.79 | 15,673.53 | 563.98 | 0.93 | 14,653 |
| US 41 | Ridge Rd Extension to SR 54 | 14388 | 14415 | 23 | 3 | 28,305 | 25.28 | 14,245.76 | 563.45 | 1.02 | 14,522 |
| US 41 | Ridge Rd Extension to SR 54 | 14415 | 14388 | 23 | 3 | 28,554 | 24.98 | 14,371.45 | 575.31 | 1.03 | 14,779 |
| US 41 | Ridge Rd Extension to SR 54 | 14415 | 14443 | 23 | 3 | 32,386 | 20.03 | 8,727.98 | 435.73 | 1.17 | 10,180 |
| US 41 | Ridge Rd Extension to SR 54 | 14443 | 14415 | 23 | 3 | 32,620 | 19.76 | 8,791.12 | 444.88 | 1.17 | 10,328 |
| US 41 | Ridge Rd Extension to SR 54 | 14443 | 14491 | 23 | 3 | 28,035 | 25.53 | 15,133.13 | 592.82 | 1.01 | 15,279 |
| US 41 | Ridge Rd Extension to SR 54 | 14491 | 14443 | 23 | 3 | 28,149 | 25.39 | 15,194.83 | 598.46 | 1.01 | 15,404 |
| US 41 | Ridge Rd Extension to SR 54 | 14491 | 14503 | 23 | 3 | 33,166 | 19.29 | 7,124.03 | 369.30 | 1.19 | 8,509 |
| US 41 | Ridge Rd Extension to SR 54 | 14503 | 14491 | 23 | 3 | 33,249 | 19.20 | 7,141.98 | 372.07 | 1.20 | 8,552 |
| US 41 | Ridge Rd Extension to SR 54 | 14503 | 14509 | 23 | 3 | 30,430 | 22.71 | 6,789.02 | 298.91 | 1.10 | 7,440 |
| US 41 | Ridge Rd Extension to SR 54 | 14509 | 14503 | 23 | 3 | 30,491 | 22.64 | 6,802.53 | 300.47 | 1.10 | 7,470 |
| US 41 | Ridge Rd Extension to SR 54 | 14509 | 14531 | 23 | 3 | 28,473 | 25.01 | 17,727.52 | 708.86 | 1.03 | 18,179 |
| US 41 | Ridge Rd Extension to SR 54 | 14531 | 14509 | 23 | 3 | 28,526 | 24.95 | 17,760.27 | 711.98 | 1.03 | 18,246 |
| US 41 | Ridge Rd Extension to SR 54 | 14531 | 14541 | 23 | 3 | 25,005 | 28.74 | 9,111.79 | 317.08 | 0.90 | 8,206 |
| US 41 | Ridge Rd Extension to SR 54 | 14541 | 14531 | 23 | 3 | 25,055 | 28.68 | 9,129.98 | 318.31 | 0.90 | 8,238 |
| US 41 | Ridge Rd Extension to SR 54 | 14541 | 14550 | 23 | 2 | 24,731 | 15.18 | 11,153.74 | 734.67 | 1.34 | 14,902 |

Ridge Road Extension Analysis: Alternative 13 - Add two Lanes to SR 52, Add Two Lanes to SR 54

| Name | From - To | A-Node | B-Node | Facility Type | Number of Lanes | Volume | C. Speed | VMT | VHT | VC Ratio LOS-E | VMT*VCE |
|----------------|-----------------------------|--------|--------|---------------|-----------------|--------|----------|-----------|----------|----------------|-----------|
| US 41 | Ridge Rd Extension to SR 54 | 14550 | 14541 | 23 | 2 | 24,780 | 15.11 | 11,175.63 | 739.60 | 1.34 | 14,960 |
| US 41 | Ridge Rd Extension to SR 54 | 14550 | 14552 | 23 | 2 | 24,731 | 15.05 | 6,071.49 | 403.55 | 1.34 | 8,112 |
| US 41 | Ridge Rd Extension to SR 54 | 14552 | 14550 | 23 | 2 | 24,780 | 14.97 | 6,083.41 | 406.26 | 1.34 | 8,143 |
| US 41 | Ridge Rd Extension to SR 54 | 14552 | 14559 | 23 | 2 | 24,454 | 15.45 | 8,001.51 | 517.97 | 1.32 | 10,571 |
| US 41 | Ridge Rd Extension to SR 54 | 14559 | 14552 | 23 | 2 | 24,529 | 15.34 | 8,025.89 | 523.30 | 1.33 | 10,635 |
| US 41 | Ridge Rd Extension to SR 54 | 14559 | 14565 | 23 | 2 | 23,559 | 4.07 | 6,914.60 | 1,700.97 | 1.92 | 13,290 |
| US 41 | Ridge Rd Extension to SR 54 | 14565 | 14559 | 23 | 2 | 23,628 | 4.02 | 6,934.71 | 1,723.18 | 1.93 | 13,367 |
| US 41 | Ridge Rd Extension to SR 54 | 14565 | 14578 | 23 | 2 | 21,408 | 5.63 | 14,446.03 | 2,567.53 | 1.75 | 25,230 |
| US 41 | Ridge Rd Extension to SR 54 | 14578 | 14565 | 23 | 2 | 21,451 | 5.59 | 14,475.38 | 2,589.84 | 1.75 | 25,332 |
| US 41 | Ridge Rd Extension to SR 54 | 14578 | 14630 | 23 | 2 | 18,682 | 8.56 | 21,343.77 | 2,492.43 | 1.52 | 32,529 |
| US 41 | Ridge Rd Extension to SR 54 | 14630 | 14578 | 23 | 2 | 18,707 | 8.53 | 21,372.91 | 2,505.65 | 1.53 | 32,618 |
| US 41 | Ridge Rd Extension to SR 54 | 14630 | 14636 | 23 | 2 | 17,397 | 10.46 | 3,545.50 | 339.07 | 1.42 | 5,032 |
| US 41 | Ridge Rd Extension to SR 54 | 14636 | 14630 | 23 | 2 | 17,426 | 10.41 | 3,551.51 | 341.16 | 1.42 | 5,049 |
| US 41 | SR 52 to Ridge Rd Extension | 14636 | 14662 | 31 | 1 | 19,038 | 21.55 | 9,336.03 | 433.15 | 1.19 | 11,108 |
| US 41 | SR 52 to Ridge Rd Extension | 14662 | 14636 | 31 | 1 | 19,115 | 21.38 | 9,373.76 | 438.35 | 1.19 | 11,198 |
| US 41 | SR 52 to Ridge Rd Extension | 14662 | 14671 | 31 | 1 | 18,057 | 24.11 | 2,695.90 | 111.80 | 1.13 | 3,042 |
| US 41 | SR 52 to Ridge Rd Extension | 14671 | 14662 | 31 | 1 | 18,153 | 23.89 | 2,710.22 | 113.44 | 1.13 | 3,075 |
| US 41 | SR 52 to Ridge Rd Extension | 14671 | 14676 | 31 | 1 | 18,082 | 23.45 | 2,882.34 | 122.92 | 1.13 | 3,257 |
| US 41 | SR 52 to Ridge Rd Extension | 14676 | 14671 | 31 | 1 | 18,172 | 23.24 | 2,896.68 | 124.62 | 1.14 | 3,290 |
| US 41 | SR 52 to Ridge Rd Extension | 14676 | 14687 | 31 | 1 | 18,082 | 23.83 | 4,838.86 | 203.09 | 1.13 | 5,469 |
| US 41 | SR 52 to Ridge Rd Extension | 14687 | 14676 | 31 | 1 | 18,172 | 23.62 | 4,862.93 | 205.89 | 1.14 | 5,523 |
| US 41 | SR 52 to Ridge Rd Extension | 14687 | 14692 | 31 | 1 | 18,002 | 24.13 | 2,165.67 | 89.76 | 1.13 | 2,437 |
| US 41 | SR 52 to Ridge Rd Extension | 14692 | 14687 | 31 | 1 | 18,084 | 23.94 | 2,175.53 | 90.88 | 1.13 | 2,459 |
| US 41 | SR 52 to Ridge Rd Extension | 14692 | 14701 | 31 | 1 | 18,002 | 23.50 | 3,101.79 | 132.00 | 1.13 | 3,490 |
| US 41 | SR 52 to Ridge Rd Extension | 14701 | 14692 | 31 | 1 | 18,084 | 23.31 | 3,115.90 | 133.65 | 1.13 | 3,522 |
| US 41 | SR 52 to Ridge Rd Extension | 14701 | 14717 | 31 | 1 | 18,002 | 23.97 | 8,225.22 | 343.19 | 1.13 | 9,255 |
| US 41 | SR 52 to Ridge Rd Extension | 14717 | 14701 | 31 | 1 | 18,084 | 23.78 | 8,262.66 | 347.49 | 1.13 | 9,339 |
| US 41 | SR 52 to Ridge Rd Extension | 14717 | 14781 | 31 | 1 | 17,516 | 25.07 | 14,394.44 | 574.12 | 1.09 | 15,758 |
| US 41 | SR 52 to Ridge Rd Extension | 14781 | 14717 | 31 | 1 | 17,591 | 24.90 | 14,456.10 | 580.61 | 1.10 | 15,893 |
| Totals: | | | | | | | | 2,268,936 | 109,088 | | 2,377,830 |

Avg. Speed: 20.80 Weighted VC Ratio: 1.048



Legend

V/C Ratio (LOS E)

- >0.5-0.8
- >0.8-0.95
- >1.05-1.2
- >1.2
- < 0.5

0 1 2 4 Miles

Alternative 14
 Ridge Road Extension Analysis - TBRPM Model
 Peak Season Daily Traffic Volume (Two-way)
 and V/C Ratio by Roadway Segment

Ridge Road Extension Analysis: Alternative 14 - Add Tower Road as Two Lanes, Add Two Lanes to SR 52

| Name | From - To | A-Node | B-Node | Facility Type | Number of Lanes | Volume | C. Speed | VMT | VHT | VC Ratio LOS-E | VMT*VCE |
|---------------|------------------------------|--------|--------|---------------|-----------------|--------|----------|-----------|----------|----------------|---------|
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14370 | 14373 | 41 | 1 | 10,959 | 11.84 | 2,173.19 | 183.51 | 1.33 | 2,897 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14373 | 14370 | 41 | 1 | 10,975 | 11.80 | 2,176.43 | 184.41 | 1.33 | 2,905 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14373 | 14381 | 41 | 1 | 10,959 | 11.61 | 1,582.49 | 136.32 | 1.33 | 2,109 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14381 | 14373 | 41 | 1 | 10,975 | 11.57 | 1,584.85 | 136.99 | 1.33 | 2,116 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14381 | 14407 | 41 | 1 | 8,711 | 18.24 | 4,719.57 | 258.77 | 1.06 | 5,000 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14407 | 14381 | 41 | 1 | 8,711 | 18.24 | 4,719.64 | 258.78 | 1.06 | 5,000 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14407 | 14439 | 41 | 1 | 3,801 | 32.06 | 2,549.31 | 79.51 | 0.46 | 1,178 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14439 | 14407 | 41 | 1 | 3,784 | 32.08 | 2,538.04 | 79.11 | 0.46 | 1,168 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14439 | 14470 | 41 | 2 | 7,924 | 32.15 | 4,097.55 | 127.44 | 0.47 | 1,928 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14470 | 14439 | 41 | 2 | 7,932 | 32.15 | 4,101.76 | 127.59 | 0.47 | 1,932 |
| Gunn Ext | SR 54 to Tower Rd | 14167 | 15441 | 47 | 1 | 6,137 | 12.53 | 2,719.91 | 217.06 | 1.09 | 2,953 |
| Gunn Ext | SR 54 to Tower Rd | 15441 | 14167 | 47 | 1 | 6,175 | 12.40 | 2,736.76 | 220.68 | 1.09 | 2,989 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14470 | 14528 | 32 | 1 | 10,157 | 22.52 | 11,547.31 | 512.68 | 0.96 | 11,135 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14528 | 14470 | 32 | 1 | 10,035 | 22.88 | 11,408.94 | 498.67 | 0.95 | 10,869 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14528 | 14551 | 32 | 1 | 7,178 | 30.66 | 4,582.30 | 149.47 | 0.68 | 3,123 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14551 | 14528 | 32 | 1 | 7,063 | 30.91 | 4,508.98 | 145.86 | 0.67 | 3,023 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14551 | 14568 | 32 | 1 | 8,311 | 27.59 | 4,466.54 | 161.90 | 0.79 | 3,524 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14568 | 14551 | 32 | 1 | 8,199 | 27.89 | 4,405.98 | 157.99 | 0.78 | 3,429 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14568 | 14585 | 32 | 1 | 8,311 | 27.74 | 5,240.33 | 188.88 | 0.79 | 4,135 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14585 | 14568 | 32 | 1 | 8,199 | 28.04 | 5,169.28 | 184.32 | 0.78 | 4,024 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14585 | 14623 | 32 | 1 | 9,226 | 25.21 | 5,600.34 | 222.15 | 0.88 | 4,905 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14623 | 14585 | 32 | 1 | 9,109 | 25.55 | 5,529.17 | 216.44 | 0.86 | 4,782 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14623 | 14700 | 32 | 1 | 7,517 | 29.77 | 9,972.34 | 335.02 | 0.71 | 7,116 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14700 | 14623 | 32 | 1 | 7,415 | 30.01 | 9,836.93 | 327.79 | 0.70 | 6,924 |
| SR 52 | Moon Lake to Suncoast | 14691 | 14693 | 23 | 4 | 21,357 | 35.18 | 8,203.38 | 233.16 | 0.63 | 5,153 |
| SR 52 | Moon Lake to Suncoast | 14691 | 14713 | 23 | 4 | 21,809 | 35.18 | 21,269.87 | 604.67 | 0.64 | 13,643 |
| SR 52 | Moon Lake to Suncoast | 14693 | 14691 | 23 | 4 | 21,809 | 34.97 | 8,376.66 | 239.51 | 0.64 | 5,373 |
| SR 52 | Moon Lake to Suncoast | 14693 | 14694 | 23 | 4 | 21,402 | 35.51 | 5,716.51 | 160.97 | 0.63 | 3,598 |
| SR 52 | Moon Lake to Suncoast | 14694 | 14693 | 23 | 4 | 21,858 | 35.30 | 5,838.27 | 165.40 | 0.64 | 3,753 |
| SR 52 | Moon Lake to Suncoast | 14694 | 14700 | 23 | 4 | 20,463 | 35.80 | 3,112.43 | 86.94 | 0.60 | 1,873 |
| SR 52 | Moon Lake to Suncoast | 14700 | 14694 | 23 | 4 | 20,888 | 35.62 | 3,177.03 | 89.19 | 0.61 | 1,952 |
| SR 52 | Moon Lake to Suncoast | 14713 | 14691 | 23 | 4 | 21,357 | 35.39 | 20,829.88 | 588.64 | 0.63 | 13,084 |
| SR 52 | Moon Lake to Suncoast | 14713 | 14718 | 23 | 4 | 21,809 | 23.68 | 4,800.06 | 202.70 | 0.89 | 4,270 |
| SR 52 | Moon Lake to Suncoast | 14718 | 14713 | 23 | 4 | 21,357 | 24.12 | 4,700.77 | 194.86 | 0.87 | 4,095 |
| SR 52 | Moon Lake to Suncoast | 14718 | 14723 | 23 | 4 | 21,807 | 23.78 | 2,802.20 | 117.83 | 0.89 | 2,493 |
| SR 52 | Moon Lake to Suncoast | 14723 | 14718 | 23 | 4 | 21,360 | 24.22 | 2,744.75 | 113.31 | 0.87 | 2,391 |
| SR 52 | Moon Lake to Suncoast | 14723 | 14727 | 23 | 4 | 23,015 | 22.27 | 2,220.93 | 99.72 | 0.94 | 2,085 |
| SR 52 | Moon Lake to Suncoast | 14727 | 14723 | 23 | 4 | 22,552 | 22.75 | 2,176.30 | 95.66 | 0.92 | 2,002 |
| SR 52 | Moon Lake to Suncoast | 14727 | 14734 | 23 | 4 | 23,015 | 22.20 | 7,889.25 | 346.38 | 0.94 | 7,219 |
| SR 52 | Moon Lake to Suncoast | 14734 | 14727 | 23 | 4 | 22,552 | 22.67 | 7,534.74 | 332.30 | 0.92 | 6,931 |
| SR 52 | Moon Lake to Suncoast | 14734 | 14738 | 23 | 4 | 24,026 | 21.28 | 4,408.76 | 207.20 | 0.98 | 4,321 |
| SR 52 | Moon Lake to Suncoast | 14738 | 14734 | 23 | 4 | 23,542 | 21.80 | 4,320.03 | 198.20 | 0.96 | 4,149 |
| SR 52 | Moon Lake to Suncoast | 14738 | 14749 | 23 | 4 | 24,099 | 20.97 | 8,624.93 | 411.40 | 0.98 | 8,478 |
| SR 52 | Moon Lake to Suncoast | 14749 | 14738 | 23 | 4 | 23,629 | 21.46 | 8,456.88 | 394.01 | 0.96 | 8,151 |
| SR 52 | Moon Lake to Suncoast | 14749 | 14752 | 23 | 3 | 13,965 | 25.86 | 1,533.41 | 59.29 | 0.76 | 1,165 |
| SR 52 | Moon Lake to Suncoast | 14752 | 14749 | 23 | 3 | 28,879 | 7.71 | 3,170.89 | 411.38 | 1.57 | 4,980 |
| SR 52 | Suncoast to US 41 | 14752 | 14757 | 32 | 2 | 19,880 | 17.25 | 1,993.95 | 115.62 | 1.13 | 2,255 |
| SR 52 | Suncoast to US 41 | 14757 | 14752 | 32 | 2 | 19,319 | 18.13 | 1,937.69 | 106.87 | 1.10 | 2,130 |
| SR 52 | Suncoast to US 41 | 14757 | 14767 | 32 | 2 | 19,362 | 18.44 | 9,681.18 | 524.94 | 1.10 | 10,664 |
| SR 52 | Suncoast to US 41 | 14762 | 14765 | 32 | 2 | 16,398 | 23.48 | 2,071.06 | 88.19 | 0.93 | 1,932 |
| SR 52 | Suncoast to US 41 | 14762 | 14767 | 32 | 2 | 15,261 | 25.45 | 17,978.68 | 706.51 | 0.87 | 15,609 |
| SR 52 | Suncoast to US 41 | 14765 | 14762 | 32 | 2 | 15,969 | 24.24 | 2,016.84 | 83.22 | 0.91 | 1,832 |
| SR 52 | Suncoast to US 41 | 14765 | 14773 | 32 | 2 | 16,525 | 23.07 | 3,746.31 | 162.36 | 0.94 | 3,522 |
| SR 52 | Suncoast to US 41 | 14767 | 14757 | 32 | 2 | 18,778 | 19.41 | 9,388.88 | 483.72 | 1.07 | 10,030 |
| SR 52 | Suncoast to US 41 | 14767 | 14762 | 32 | 2 | 15,667 | 24.75 | 18,457.39 | 745.89 | 0.89 | 16,451 |
| SR 52 | Suncoast to US 41 | 14773 | 14765 | 32 | 2 | 16,068 | 23.87 | 3,642.63 | 152.62 | 0.91 | 3,330 |
| SR 52 | Suncoast to US 41 | 14773 | 14774 | 32 | 2 | 15,992 | 24.24 | 7,805.80 | 322.01 | 0.91 | 7,102 |
| SR 52 | Suncoast to US 41 | 14774 | 14773 | 32 | 2 | 15,550 | 25.01 | 7,589.85 | 303.45 | 0.88 | 6,714 |
| SR 52 | Suncoast to US 41 | 14774 | 14781 | 32 | 2 | 15,175 | 25.54 | 6,643.43 | 260.14 | 0.86 | 5,735 |
| SR 52 | Suncoast to US 41 | 14781 | 14774 | 32 | 2 | 14,742 | 26.27 | 6,454.09 | 245.67 | 0.84 | 5,413 |
| SR 54 | Starkey to Suncoast | 14107 | 14109 | 23 | 3 | 28,268 | 25.20 | 25,266.15 | 1,002.61 | 1.02 | 25,722 |
| SR 54 | Starkey to Suncoast | 14107 | 14114 | 23 | 3 | 30,335 | 22.62 | 22,035.01 | 974.04 | 1.09 | 24,073 |
| SR 54 | Starkey to Suncoast | 14109 | 14107 | 23 | 3 | 28,438 | 25.00 | 25,417.49 | 1,016.85 | 1.02 | 26,032 |

Ridge Road Extension Analysis: Alternative 14 - Add Tower Road as Two Lanes, Add Two Lanes to SR 52

| Name | From - To | A-Node | B-Node | Facility Type | Number of Lanes | Volume | C. Speed | VMT | VHT | VC Ratio LOS-E | VMT*VCE |
|--------------|------------------------|--------|--------|---------------|-----------------|--------|----------|-----------|----------|----------------|---------|
| SR 54 | Starkey to Suncoast | 14109 | 14118 | 23 | 3 | 28,122 | 25.52 | 8,605.20 | 337.18 | 1.01 | 8,715 |
| SR 54 | Starkey to Suncoast | 14114 | 14107 | 23 | 3 | 30,158 | 22.83 | 21,906.96 | 959.39 | 1.09 | 23,794 |
| SR 54 | Starkey to Suncoast | 14114 | 14121 | 23 | 3 | 30,335 | 22.49 | 4,571.42 | 203.28 | 1.09 | 4,994 |
| SR 54 | Starkey to Suncoast | 14118 | 14109 | 23 | 3 | 28,308 | 25.30 | 8,662.21 | 342.44 | 1.02 | 8,831 |
| SR 54 | Starkey to Suncoast | 14118 | 14120 | 23 | 3 | 28,122 | 24.82 | 3,312.72 | 133.47 | 1.01 | 3,355 |
| SR 54 | Starkey to Suncoast | 14120 | 14118 | 23 | 3 | 28,308 | 24.60 | 3,334.67 | 135.55 | 1.02 | 3,400 |
| SR 54 | Starkey to Suncoast | 14120 | 14124 | 23 | 3 | 32,994 | 19.42 | 3,530.34 | 181.83 | 1.19 | 4,195 |
| SR 54 | Starkey to Suncoast | 14121 | 14114 | 23 | 3 | 30,158 | 22.70 | 4,544.85 | 200.22 | 1.09 | 4,936 |
| SR 54 | Starkey to Suncoast | 14124 | 14120 | 23 | 3 | 33,191 | 19.19 | 3,551.43 | 185.06 | 1.20 | 4,245 |
| SR 54 | Starkey to Suncoast | 14124 | 14151 | 23 | 3 | 36,240 | 15.94 | 26,534.81 | 1,664.44 | 1.31 | 34,632 |
| SR 54 | Starkey to Suncoast | 14151 | 14124 | 23 | 3 | 36,388 | 15.79 | 26,643.20 | 1,687.15 | 1.31 | 34,916 |
| SR 54 | Starkey to Suncoast | 14151 | 14163 | 23 | 3 | 36,332 | 16.06 | 11,618.97 | 723.51 | 1.31 | 15,203 |
| SR 54 | Starkey to Suncoast | 14163 | 14151 | 23 | 3 | 36,511 | 15.88 | 11,676.28 | 735.48 | 1.31 | 15,353 |
| SR 54 | Starkey to Suncoast | 14163 | 14167 | 23 | 3 | 35,760 | 16.74 | 6,898.20 | 412.01 | 1.29 | 8,884 |
| SR 54 | Starkey to Suncoast | 14167 | 14163 | 23 | 3 | 35,944 | 16.55 | 6,933.64 | 418.98 | 1.29 | 8,976 |
| SR 54 | Starkey to Suncoast | 14167 | 14172 | 23 | 3 | 32,429 | 20.11 | 14,524.99 | 722.22 | 1.17 | 16,964 |
| SR 54 | Starkey to Suncoast | 14172 | 14167 | 23 | 3 | 32,608 | 19.90 | 14,605.02 | 733.77 | 1.17 | 17,151 |
| SR 54 | Starkey to Suncoast | 14172 | 14177 | 23 | 3 | 32,040 | 20.61 | 14,379.42 | 697.78 | 1.15 | 16,592 |
| SR 54 | Starkey to Suncoast | 14174 | 14181 | 23 | 3 | 31,921 | 20.79 | 32,351.46 | 1,556.02 | 1.15 | 37,191 |
| SR 54 | Starkey to Suncoast | 14174 | 14199 | 23 | 3 | 28,595 | 24.75 | 14,108.77 | 569.95 | 1.03 | 14,530 |
| SR 54 | Starkey to Suncoast | 14177 | 14172 | 23 | 3 | 32,208 | 20.41 | 14,454.96 | 708.23 | 1.16 | 16,767 |
| SR 54 | Starkey to Suncoast | 14177 | 14181 | 23 | 3 | 31,500 | 21.19 | 17,079.33 | 806.03 | 1.13 | 19,376 |
| SR 54 | Starkey to Suncoast | 14181 | 14174 | 23 | 3 | 31,738 | 21.01 | 32,166.82 | 1,531.28 | 1.14 | 36,768 |
| SR 54 | Starkey to Suncoast | 14181 | 14177 | 23 | 3 | 31,679 | 20.98 | 17,176.48 | 818.80 | 1.14 | 19,597 |
| SR 54 | Starkey to Suncoast | 14199 | 14174 | 23 | 3 | 28,848 | 24.45 | 14,233.60 | 582.17 | 1.04 | 14,788 |
| SR 54 | Starkey to Suncoast | 14199 | 14210 | 23 | 3 | 29,458 | 23.91 | 6,200.94 | 259.33 | 1.06 | 6,579 |
| SR 54 | Starkey to Suncoast | 14210 | 14199 | 23 | 3 | 29,752 | 23.55 | 6,262.89 | 265.90 | 1.07 | 6,711 |
| SR 54 | Starkey to Suncoast | 14210 | 14217 | 23 | 3 | 30,653 | 22.53 | 3,531.18 | 156.70 | 1.10 | 3,898 |
| SR 54 | Starkey to Suncoast | 14217 | 14210 | 23 | 3 | 30,777 | 22.38 | 3,545.55 | 158.41 | 1.11 | 3,930 |
| SR 54 | Suncoast to US 41 | 14217 | 14227 | 23 | 3 | 32,029 | 20.82 | 9,198.63 | 441.82 | 1.15 | 10,611 |
| SR 54 | Suncoast to US 41 | 14227 | 14217 | 23 | 3 | 31,962 | 20.90 | 9,179.36 | 439.22 | 1.15 | 10,566 |
| SR 54 | Suncoast to US 41 | 14227 | 14246 | 23 | 3 | 32,029 | 20.57 | 14,342.44 | 697.10 | 1.15 | 16,544 |
| SR 54 | Suncoast to US 41 | 14246 | 14227 | 23 | 3 | 31,962 | 20.65 | 14,312.39 | 692.99 | 1.15 | 16,475 |
| SR 54 | Suncoast to US 41 | 14246 | 14257 | 23 | 3 | 28,131 | 25.21 | 11,877.08 | 471.04 | 1.01 | 12,033 |
| SR 54 | Suncoast to US 41 | 14257 | 14246 | 23 | 3 | 28,013 | 25.36 | 11,826.88 | 466.42 | 1.01 | 11,932 |
| SR 54 | Suncoast to US 41 | 14257 | 14268 | 23 | 3 | 28,132 | 25.52 | 7,713.70 | 302.31 | 1.01 | 7,815 |
| SR 54 | Suncoast to US 41 | 14268 | 14257 | 23 | 3 | 28,017 | 25.65 | 7,682.16 | 299.45 | 1.01 | 7,751 |
| SR 54 | Suncoast to US 41 | 14268 | 14285 | 23 | 3 | 26,140 | 27.67 | 24,323.39 | 878.92 | 0.94 | 22,899 |
| SR 54 | Suncoast to US 41 | 14285 | 14268 | 23 | 3 | 26,047 | 27.78 | 24,236.44 | 872.39 | 0.94 | 22,735 |
| SR 54 | Suncoast to US 41 | 14285 | 15330 | 23 | 3 | 28,197 | 25.42 | 9,702.46 | 381.70 | 1.02 | 9,853 |
| SR 54 | Suncoast to US 41 | 14313 | 14316 | 23 | 3 | 31,462 | 21.29 | 14,919.48 | 700.62 | 1.13 | 16,905 |
| SR 54 | Suncoast to US 41 | 14313 | 15330 | 23 | 3 | 27,635 | 25.90 | 15,204.63 | 587.08 | 1.00 | 15,132 |
| SR 54 | Suncoast to US 41 | 14314 | 14316 | 23 | 3 | 33,983 | 18.35 | 18,870.86 | 1,028.57 | 1.22 | 23,096 |
| SR 54 | Suncoast to US 41 | 14314 | 14329 | 23 | 3 | 36,494 | 15.72 | 13,619.43 | 866.47 | 1.31 | 17,900 |
| SR 54 | Suncoast to US 41 | 14316 | 14313 | 23 | 3 | 31,622 | 21.10 | 14,995.38 | 710.52 | 1.14 | 17,078 |
| SR 54 | Suncoast to US 41 | 14316 | 14314 | 23 | 3 | 33,834 | 18.51 | 18,788.09 | 1,014.86 | 1.22 | 22,894 |
| SR 54 | Suncoast to US 41 | 14327 | 14330 | 23 | 3 | 35,285 | 16.82 | 7,963.77 | 473.43 | 1.27 | 10,120 |
| SR 54 | Suncoast to US 41 | 14329 | 14314 | 23 | 3 | 36,631 | 15.58 | 13,670.75 | 877.46 | 1.32 | 18,035 |
| SR 54 | Suncoast to US 41 | 14329 | 14330 | 23 | 3 | 35,450 | 16.83 | 4,718.35 | 280.34 | 1.28 | 6,024 |
| SR 54 | Suncoast to US 41 | 14330 | 14327 | 23 | 3 | 35,131 | 16.98 | 7,929.04 | 466.85 | 1.27 | 10,032 |
| SR 54 | Suncoast to US 41 | 14330 | 14329 | 23 | 3 | 35,595 | 16.68 | 4,737.69 | 284.08 | 1.28 | 6,073 |
| SR 54 | Suncoast to US 41 | 15330 | 14285 | 23 | 3 | 28,089 | 25.55 | 9,665.53 | 378.32 | 1.01 | 9,778 |
| SR 54 | Suncoast to US 41 | 15330 | 14313 | 23 | 3 | 27,731 | 25.78 | 15,257.53 | 591.74 | 1.00 | 15,238 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14121 | 14150 | 43 | 2 | 1,486 | 30.09 | 536.48 | 17.83 | 0.10 | 53 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14150 | 14121 | 43 | 2 | 1,523 | 30.09 | 549.97 | 18.28 | 0.10 | 55 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14150 | 18111 | 43 | 1 | 1,791 | 29.87 | 1,693.24 | 56.68 | 0.24 | 403 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14241 | 14255 | 43 | 1 | 7,553 | 17.79 | 1,935.78 | 108.80 | 1.00 | 1,944 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14241 | 18111 | 43 | 1 | 7,548 | 17.74 | 6,650.30 | 374.95 | 1.00 | 6,676 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14255 | 14241 | 43 | 1 | 7,548 | 17.81 | 1,934.68 | 108.65 | 1.00 | 1,942 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14255 | 14295 | 43 | 1 | 5,617 | 24.03 | 3,280.78 | 136.52 | 0.75 | 2,450 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14295 | 14255 | 43 | 1 | 5,630 | 23.99 | 3,288.41 | 137.06 | 0.75 | 2,462 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14295 | 14297 | 43 | 1 | 4,533 | 27.26 | 666.79 | 24.46 | 0.60 | 402 |

Ridge Road Extension Analysis: Alternative 14 - Add Tower Road as Two Lanes, Add Two Lanes to SR 52

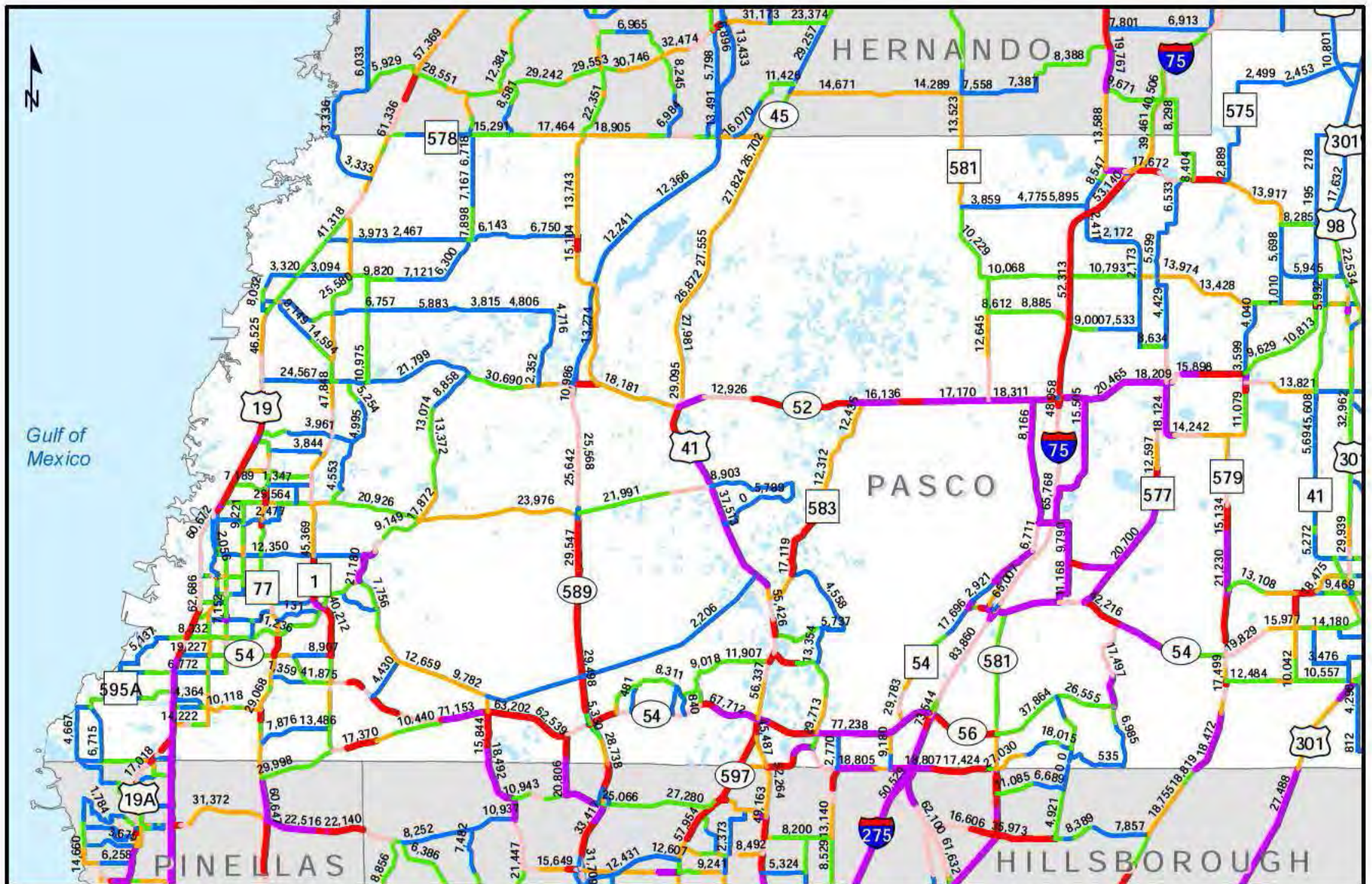
| Name | From - To | A-Node | B-Node | Facility Type | Number of Lanes | Volume | C. Speed | VMT | VHT | VC Ratio LOS-E | VMT*VCE |
|--------------|-----------------------------|--------|--------|---------------|-----------------|--------|----------|-----------|----------|----------------|---------|
| Starkey Blvd | DeCubellis Rd to SR 54 | 14297 | 14295 | 43 | 1 | 4,575 | 27.17 | 673.03 | 24.77 | 0.61 | 409 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14297 | 14336 | 43 | 1 | 4,533 | 26.94 | 3,794.50 | 140.85 | 0.60 | 2,287 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14336 | 14297 | 43 | 1 | 4,575 | 26.85 | 3,830.01 | 142.85 | 0.61 | 2,330 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14336 | 14361 | 41 | 1 | 10,418 | 13.04 | 5,868.55 | 450.16 | 1.27 | 7,436 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14361 | 14336 | 41 | 1 | 10,424 | 13.02 | 5,872.02 | 450.99 | 1.27 | 7,445 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14361 | 14370 | 41 | 1 | 10,418 | 13.13 | 2,106.55 | 160.45 | 1.27 | 2,669 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14370 | 14361 | 41 | 1 | 10,424 | 13.11 | 2,107.80 | 160.75 | 1.27 | 2,672 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 18111 | 14150 | 43 | 1 | 1,810 | 29.87 | 1,711.00 | 57.28 | 0.24 | 412 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 18111 | 14241 | 43 | 1 | 7,553 | 17.72 | 6,654.08 | 375.47 | 1.00 | 6,683 |
| Suncoast | Ridge Rd Extension to SR 54 | 14213 | 14235 | 92 | 2 | 22,856 | 43.66 | 9,713.79 | 222.51 | 0.75 | 7,240 |
| Suncoast | Ridge Rd Extension to SR 54 | 14217 | 14235 | 71 | 2 | 4,863 | 29.80 | 1,981.61 | 66.49 | 0.15 | 300 |
| Suncoast | Ridge Rd Extension to SR 54 | 14233 | 14210 | 71 | 2 | 5,408 | 29.93 | 2,240.42 | 74.86 | 0.17 | 377 |
| Suncoast | Ridge Rd Extension to SR 54 | 14233 | 14211 | 92 | 2 | 22,522 | 43.29 | 9,648.36 | 222.88 | 0.73 | 7,086 |
| Suncoast | Ridge Rd Extension to SR 54 | 14235 | 14292 | 92 | 2 | 27,719 | 32.12 | 26,593.42 | 827.92 | 1.08 | 28,720 |
| Suncoast | Ridge Rd Extension to SR 54 | 14291 | 14233 | 92 | 2 | 27,930 | 31.86 | 26,790.05 | 840.85 | 1.09 | 29,152 |
| Suncoast | Ridge Rd Extension to SR 54 | 14292 | 14391 | 92 | 2 | 27,719 | 32.18 | 53,525.01 | 1,663.30 | 1.08 | 57,804 |
| Suncoast | Ridge Rd Extension to SR 54 | 14390 | 14291 | 92 | 2 | 27,930 | 32.01 | 54,080.05 | 1,689.27 | 1.09 | 58,848 |
| Suncoast | Ridge Rd Extension to SR 54 | 14391 | 14449 | 92 | 2 | 27,719 | 32.29 | 20,955.42 | 648.91 | 1.08 | 22,631 |
| Suncoast | Ridge Rd Extension to SR 54 | 14449 | 14472 | 92 | 2 | 27,719 | 31.92 | 7,855.51 | 246.14 | 1.08 | 8,484 |
| Suncoast | Ridge Rd Extension to SR 54 | 14451 | 14390 | 92 | 2 | 27,930 | 31.80 | 22,162.12 | 696.92 | 1.09 | 24,116 |
| Suncoast | Ridge Rd Extension to SR 54 | 14471 | 14451 | 92 | 2 | 27,930 | 31.89 | 7,004.74 | 219.68 | 1.09 | 7,622 |
| Suncoast | Ridge Rd Extension to SR 54 | 14472 | 14485 | 92 | 2 | 27,719 | 20.50 | 3,561.87 | 173.79 | 1.08 | 3,847 |
| Suncoast | Ridge Rd Extension to SR 54 | 14484 | 14471 | 92 | 2 | 27,930 | 14.44 | 3,424.17 | 237.10 | 1.09 | 3,726 |
| Suncoast | Ridge Rd Extension to SR 54 | 14485 | 14492 | 99 | 2 | 27,719 | 0.56 | 1,937.54 | 3,437.13 | 0.76 | 1,465 |
| Suncoast | Ridge Rd Extension to SR 54 | 14490 | 14484 | 99 | 2 | 27,930 | 0.57 | 1,969.04 | 3,463.27 | 0.76 | 1,500 |
| Suncoast | Ridge Rd Extension to SR 54 | 14492 | 14501 | 92 | 2 | 27,719 | 15.64 | 3,883.40 | 248.38 | 1.08 | 4,194 |
| Suncoast | Ridge Rd Extension to SR 54 | 14500 | 14490 | 92 | 2 | 27,930 | 21.45 | 3,949.24 | 184.08 | 1.09 | 4,297 |
| Suncoast | Ridge Rd Extension to SR 54 | 14501 | 14510 | 92 | 2 | 27,719 | 32.70 | 7,561.69 | 231.22 | 1.08 | 8,166 |
| Suncoast | Ridge Rd Extension to SR 54 | 14508 | 14500 | 92 | 2 | 27,930 | 31.67 | 7,197.45 | 227.26 | 1.09 | 7,832 |
| Suncoast | Ridge Rd Extension to SR 54 | 14510 | 15304 | 92 | 2 | 27,719 | 32.20 | 26,418.79 | 820.46 | 1.08 | 28,531 |
| Suncoast | Ridge Rd Extension to SR 54 | 14557 | 15303 | 92 | 2 | 27,930 | 31.77 | 8,423.56 | 265.13 | 1.09 | 9,166 |
| Suncoast | Ridge Rd Extension to SR 54 | 15303 | 14508 | 92 | 2 | 27,930 | 32.05 | 27,192.24 | 848.42 | 1.09 | 29,590 |
| Suncoast | Ridge Rd Extension to SR 54 | 15304 | 14558 | 92 | 2 | 27,719 | 32.47 | 8,476.41 | 261.06 | 1.08 | 9,154 |
| Suncoast | SR 52 to Ridge Rd Extension | 14558 | 14645 | 92 | 2 | 27,719 | 32.16 | 57,336.35 | 1,782.64 | 1.08 | 61,920 |
| Suncoast | SR 52 to Ridge Rd Extension | 14644 | 14557 | 92 | 2 | 27,930 | 31.98 | 57,655.03 | 1,802.90 | 1.09 | 62,738 |
| Suncoast | SR 52 to Ridge Rd Extension | 14645 | 14722 | 92 | 2 | 27,719 | 32.26 | 31,765.75 | 984.55 | 1.08 | 34,305 |
| Suncoast | SR 52 to Ridge Rd Extension | 14722 | 14748 | 92 | 2 | 10,955 | 48.18 | 3,887.99 | 80.69 | 0.43 | 1,660 |
| Suncoast | SR 52 to Ridge Rd Extension | 14722 | 14752 | 71 | 1 | 16,764 | 20.12 | 6,453.99 | 320.85 | 1.09 | 7,046 |
| Suncoast | SR 52 to Ridge Rd Extension | 14725 | 14644 | 92 | 2 | 27,930 | 31.87 | 33,071.41 | 1,037.80 | 1.09 | 35,987 |
| Suncoast | SR 52 to Ridge Rd Extension | 14747 | 14725 | 92 | 2 | 11,140 | 48.10 | 3,573.57 | 74.29 | 0.43 | 1,551 |
| Suncoast | SR 52 to Ridge Rd Extension | 14749 | 14725 | 71 | 1 | 16,790 | 20.20 | 5,742.19 | 284.31 | 1.09 | 6,279 |
| Tower Rd | Gunn Ext to US 41 | 14550 | 15533 | 44 | 1 | 1,638 | 29.13 | 63.89 | 2.19 | 0.24 | 15 |
| Tower Rd | Gunn Ext to US 41 | 15319 | 15513 | 44 | 1 | 1,591 | 28.00 | 752.74 | 26.89 | 0.23 | 176 |
| Tower Rd | Gunn Ext to US 41 | 15319 | 15518 | 44 | 1 | 1,638 | 27.94 | 704.85 | 25.23 | 0.24 | 170 |
| Tower Rd | Gunn Ext to US 41 | 15320 | 15321 | 44 | 1 | 1,591 | 27.76 | 657.70 | 23.69 | 0.23 | 154 |
| Tower Rd | Gunn Ext to US 41 | 15320 | 15513 | 44 | 1 | 1,638 | 27.86 | 672.29 | 24.13 | 0.24 | 162 |
| Tower Rd | Gunn Ext to US 41 | 15321 | 15320 | 44 | 1 | 1,638 | 27.75 | 677.10 | 24.40 | 0.24 | 163 |
| Tower Rd | Gunn Ext to US 41 | 15321 | 15514 | 44 | 1 | 1,591 | 27.90 | 393.60 | 14.11 | 0.23 | 92 |
| Tower Rd | Gunn Ext to US 41 | 15323 | 15418 | 44 | 1 | 1,591 | 27.87 | 3,257.28 | 116.87 | 0.23 | 761 |
| Tower Rd | Gunn Ext to US 41 | 15323 | 15514 | 44 | 1 | 1,638 | 27.97 | 667.19 | 23.86 | 0.24 | 160 |
| Tower Rd | Gunn Ext to US 41 | 15418 | 15323 | 44 | 1 | 1,638 | 27.86 | 3,353.37 | 120.37 | 0.24 | 807 |
| Tower Rd | Gunn Ext to US 41 | 15418 | 15533 | 44 | 1 | 1,591 | 27.93 | 1,368.22 | 48.98 | 0.23 | 320 |
| Tower Rd | Gunn Ext to US 41 | 15441 | 18110 | 47 | 1 | 1,591 | 23.80 | 756.93 | 31.80 | 0.28 | 213 |
| Tower Rd | Gunn Ext to US 41 | 15444 | 15518 | 44 | 1 | 1,591 | 27.90 | 2,971.38 | 106.49 | 0.23 | 694 |
| Tower Rd | Gunn Ext to US 41 | 15444 | 18110 | 44 | 1 | 1,638 | 27.90 | 1,782.57 | 63.89 | 0.24 | 429 |
| Tower Rd | Gunn Ext to US 41 | 15513 | 15319 | 44 | 1 | 1,638 | 27.98 | 774.95 | 27.69 | 0.24 | 186 |
| Tower Rd | Gunn Ext to US 41 | 15513 | 15320 | 44 | 1 | 1,591 | 27.87 | 653.03 | 23.43 | 0.23 | 153 |
| Tower Rd | Gunn Ext to US 41 | 15514 | 15321 | 44 | 1 | 1,638 | 27.88 | 405.21 | 14.53 | 0.24 | 97 |
| Tower Rd | Gunn Ext to US 41 | 15514 | 15323 | 44 | 1 | 1,591 | 27.98 | 648.07 | 23.16 | 0.23 | 151 |
| Tower Rd | Gunn Ext to US 41 | 15518 | 15319 | 44 | 1 | 1,591 | 27.95 | 684.65 | 24.49 | 0.23 | 160 |
| Tower Rd | Gunn Ext to US 41 | 15518 | 15444 | 44 | 1 | 1,638 | 27.89 | 3,059.05 | 109.68 | 0.24 | 736 |
| Tower Rd | Gunn Ext to US 41 | 15533 | 14550 | 44 | 1 | 1,591 | 29.14 | 62.06 | 2.13 | 0.23 | 15 |

Ridge Road Extension Analysis: Alternative 14 - Add Tower Road as Two Lanes, Add Two Lanes to SR 52

| Name | From - To | A-Node | B-Node | Facility Type | Number of Lanes | Volume | C. Speed | VMT | VHT | VC Ratio LOS-E | VMT*VCE |
|----------------|-----------------------------|--------|--------|---------------|-----------------|--------|----------|-----------|----------|----------------|-----------|
| Tower Rd | Gunn Ext to US 41 | 15533 | 15418 | 44 | 1 | 1,638 | 27.92 | 1,408.59 | 50.45 | 0.24 | 339 |
| Tower Rd | Gunn Ext to US 41 | 18110 | 15441 | 47 | 1 | 1,638 | 23.78 | 779.26 | 32.77 | 0.29 | 226 |
| Tower Rd | Gunn Ext to US 41 | 18110 | 15444 | 44 | 1 | 1,591 | 27.91 | 1,731.49 | 62.03 | 0.23 | 405 |
| Tower Rd | Starkey Rd to Gunn Ext | 15441 | 15443 | 47 | 1 | 5,366 | 15.27 | 7,743.92 | 506.99 | 0.95 | 7,351 |
| Tower Rd | Starkey Rd to Gunn Ext | 15443 | 15441 | 47 | 1 | 5,357 | 15.31 | 7,731.06 | 505.08 | 0.95 | 7,326 |
| Tower Rd | Starkey Rd to Gunn Ext | 15443 | 18111 | 44 | 1 | 6,585 | 17.43 | 8,557.88 | 490.99 | 0.97 | 8,278 |
| Tower Rd | Starkey Rd to Gunn Ext | 18111 | 15443 | 44 | 1 | 6,562 | 17.51 | 8,527.89 | 487.01 | 0.96 | 8,220 |
| US 41 | Ridge Rd Extension to SR 54 | 14327 | 14350 | 23 | 3 | 26,851 | 29.48 | 12,864.22 | 436.41 | 0.88 | 11,309 |
| US 41 | Ridge Rd Extension to SR 54 | 14350 | 14327 | 23 | 3 | 26,960 | 29.37 | 12,916.39 | 439.76 | 0.88 | 11,401 |
| US 41 | Ridge Rd Extension to SR 54 | 14350 | 14357 | 23 | 3 | 26,406 | 30.62 | 3,749.65 | 122.46 | 0.86 | 3,242 |
| US 41 | Ridge Rd Extension to SR 54 | 14357 | 14350 | 23 | 3 | 26,516 | 30.51 | 3,765.32 | 123.41 | 0.87 | 3,269 |
| US 41 | Ridge Rd Extension to SR 54 | 14357 | 14388 | 23 | 3 | 28,406 | 27.94 | 15,592.16 | 557.98 | 0.93 | 14,501 |
| US 41 | Ridge Rd Extension to SR 54 | 14388 | 14357 | 23 | 3 | 28,507 | 27.84 | 15,647.27 | 562.03 | 0.93 | 14,804 |
| US 41 | Ridge Rd Extension to SR 54 | 14388 | 14415 | 23 | 3 | 28,406 | 25.16 | 14,296.84 | 568.23 | 1.02 | 14,626 |
| US 41 | Ridge Rd Extension to SR 54 | 14415 | 14388 | 23 | 3 | 28,507 | 25.04 | 14,347.37 | 573.01 | 1.03 | 14,730 |
| US 41 | Ridge Rd Extension to SR 54 | 14415 | 14443 | 23 | 3 | 31,665 | 20.87 | 8,533.78 | 408.90 | 1.14 | 9,732 |
| US 41 | Ridge Rd Extension to SR 54 | 14443 | 14415 | 23 | 3 | 31,555 | 21.00 | 8,504.08 | 404.96 | 1.14 | 9,664 |
| US 41 | Ridge Rd Extension to SR 54 | 14443 | 14491 | 23 | 3 | 27,477 | 26.20 | 14,832.01 | 566.21 | 0.99 | 14,677 |
| US 41 | Ridge Rd Extension to SR 54 | 14491 | 14443 | 23 | 3 | 27,370 | 26.32 | 14,774.08 | 561.26 | 0.99 | 14,563 |
| US 41 | Ridge Rd Extension to SR 54 | 14491 | 14503 | 23 | 3 | 32,697 | 19.83 | 7,023.38 | 354.19 | 1.18 | 8,271 |
| US 41 | Ridge Rd Extension to SR 54 | 14503 | 14491 | 23 | 3 | 32,692 | 19.84 | 7,022.24 | 354.02 | 1.18 | 8,268 |
| US 41 | Ridge Rd Extension to SR 54 | 14503 | 14509 | 23 | 3 | 30,190 | 23.00 | 6,735.44 | 292.79 | 1.09 | 7,323 |
| US 41 | Ridge Rd Extension to SR 54 | 14509 | 14503 | 23 | 3 | 30,168 | 23.03 | 6,730.47 | 292.23 | 1.09 | 7,313 |
| US 41 | Ridge Rd Extension to SR 54 | 14509 | 14531 | 23 | 3 | 28,272 | 25.25 | 17,601.99 | 697.05 | 1.02 | 17,922 |
| US 41 | Ridge Rd Extension to SR 54 | 14531 | 14509 | 23 | 3 | 28,266 | 25.26 | 17,598.53 | 696.73 | 1.02 | 17,915 |
| US 41 | Ridge Rd Extension to SR 54 | 14531 | 14541 | 23 | 3 | 25,690 | 27.98 | 9,361.51 | 334.61 | 0.93 | 8,661 |
| US 41 | Ridge Rd Extension to SR 54 | 14541 | 14531 | 23 | 3 | 25,682 | 27.99 | 9,358.63 | 334.40 | 0.92 | 8,656 |
| US 41 | Ridge Rd Extension to SR 54 | 14541 | 14550 | 23 | 2 | 25,421 | 14.19 | 11,464.79 | 808.00 | 1.37 | 15,744 |
| US 41 | Ridge Rd Extension to SR 54 | 14550 | 14541 | 23 | 2 | 25,421 | 14.19 | 11,464.67 | 807.97 | 1.37 | 15,744 |
| US 41 | Ridge Rd Extension to SR 54 | 14550 | 14552 | 23 | 2 | 25,086 | 14.53 | 6,158.66 | 423.80 | 1.36 | 8,346 |
| US 41 | Ridge Rd Extension to SR 54 | 14552 | 14550 | 23 | 2 | 25,133 | 14.47 | 6,170.11 | 426.53 | 1.36 | 8,377 |
| US 41 | Ridge Rd Extension to SR 54 | 14552 | 14559 | 23 | 2 | 24,799 | 14.94 | 8,114.16 | 543.11 | 1.34 | 10,870 |
| US 41 | Ridge Rd Extension to SR 54 | 14559 | 14552 | 23 | 2 | 24,857 | 14.85 | 8,133.35 | 547.52 | 1.34 | 10,922 |
| US 41 | Ridge Rd Extension to SR 54 | 14559 | 14565 | 23 | 2 | 23,879 | 3.88 | 7,008.47 | 1,806.81 | 1.95 | 13,653 |
| US 41 | Ridge Rd Extension to SR 54 | 14565 | 14559 | 23 | 2 | 23,938 | 3.85 | 7,025.68 | 1,826.82 | 1.95 | 13,720 |
| US 41 | Ridge Rd Extension to SR 54 | 14565 | 14578 | 23 | 2 | 21,611 | 5.46 | 14,583.17 | 2,673.29 | 1.76 | 25,711 |
| US 41 | Ridge Rd Extension to SR 54 | 14578 | 14565 | 23 | 2 | 21,668 | 5.41 | 14,621.39 | 2,703.45 | 1.77 | 25,846 |
| US 41 | Ridge Rd Extension to SR 54 | 14578 | 14630 | 23 | 2 | 18,694 | 8.55 | 21,357.61 | 2,498.70 | 1.53 | 32,571 |
| US 41 | Ridge Rd Extension to SR 54 | 14630 | 14578 | 23 | 2 | 18,732 | 8.50 | 21,401.76 | 2,518.80 | 1.53 | 32,706 |
| US 41 | Ridge Rd Extension to SR 54 | 14630 | 14636 | 23 | 2 | 17,448 | 10.38 | 3,555.92 | 342.71 | 1.42 | 5,062 |
| US 41 | Ridge Rd Extension to SR 54 | 14636 | 14630 | 23 | 2 | 17,488 | 10.31 | 3,564.00 | 345.55 | 1.43 | 5,085 |
| US 41 | SR 52 to Ridge Rd Extension | 14636 | 14662 | 31 | 1 | 19,055 | 21.52 | 9,344.53 | 434.31 | 1.19 | 11,129 |
| US 41 | SR 52 to Ridge Rd Extension | 14662 | 14636 | 31 | 1 | 19,125 | 21.36 | 9,379.10 | 439.09 | 1.20 | 11,211 |
| US 41 | SR 52 to Ridge Rd Extension | 14662 | 14671 | 31 | 1 | 18,073 | 24.08 | 2,698.26 | 112.07 | 1.13 | 3,048 |
| US 41 | SR 52 to Ridge Rd Extension | 14671 | 14662 | 31 | 1 | 18,158 | 23.88 | 2,711.02 | 113.53 | 1.13 | 3,077 |
| US 41 | SR 52 to Ridge Rd Extension | 14671 | 14676 | 31 | 1 | 18,105 | 23.40 | 2,885.95 | 123.35 | 1.13 | 3,266 |
| US 41 | SR 52 to Ridge Rd Extension | 14676 | 14671 | 31 | 1 | 18,188 | 23.21 | 2,899.09 | 124.90 | 1.14 | 3,295 |
| US 41 | SR 52 to Ridge Rd Extension | 14676 | 14687 | 31 | 1 | 18,105 | 23.77 | 4,844.91 | 203.79 | 1.13 | 5,482 |
| US 41 | SR 52 to Ridge Rd Extension | 14687 | 14676 | 31 | 1 | 18,188 | 23.58 | 4,866.99 | 206.36 | 1.14 | 5,532 |
| US 41 | SR 52 to Ridge Rd Extension | 14687 | 14692 | 31 | 1 | 18,030 | 24.06 | 2,169.02 | 90.14 | 1.13 | 2,444 |
| US 41 | SR 52 to Ridge Rd Extension | 14692 | 14687 | 31 | 1 | 18,115 | 23.87 | 2,179.19 | 91.30 | 1.13 | 2,467 |
| US 41 | SR 52 to Ridge Rd Extension | 14692 | 14701 | 31 | 1 | 18,030 | 23.44 | 3,106.59 | 132.56 | 1.13 | 3,501 |
| US 41 | SR 52 to Ridge Rd Extension | 14701 | 14692 | 31 | 1 | 18,115 | 23.25 | 3,121.14 | 134.27 | 1.13 | 3,534 |
| US 41 | SR 52 to Ridge Rd Extension | 14701 | 14717 | 31 | 1 | 18,030 | 23.90 | 8,237.95 | 344.65 | 1.13 | 9,283 |
| US 41 | SR 52 to Ridge Rd Extension | 14717 | 14701 | 31 | 1 | 18,115 | 23.71 | 8,276.56 | 349.09 | 1.13 | 9,370 |
| US 41 | SR 52 to Ridge Rd Extension | 14717 | 14781 | 31 | 1 | 17,524 | 25.05 | 14,401.61 | 574.87 | 1.10 | 15,774 |
| US 41 | SR 52 to Ridge Rd Extension | 14781 | 14717 | 31 | 1 | 17,590 | 24.90 | 14,455.50 | 580.55 | 1.10 | 15,892 |
| Totals: | | | | | | | | 2,214,973 | 111,003 | | 2,346,992 |

Avg. Speed: 19.95 Weighted VC Ratio: 1.060

C-3-47



**Tindale
Oliver**

Legend

V/C Ratio (LOS E) — >0.5-0.8 — >0.95-1.05 — >1.2
— < 0.5 — >0.8-0.95 — >1.05-1.2



Alternative 15
 Ridge Road Extension Analysis - TBRPM Model
 Peak Season Daily Traffic Volume (Two-way)
 and V/C Ratio by Roadway Segment

Ridge Road Extension Analysis: Alternative 15 - Add Ridge Road Ext. as Two Lanes, Add Tower Road as Two Lanes

| Name | From - To | A-Node | B-Node | Facility Type | Number of Lanes | Volume | C. Speed | VMT | VHT | VC Ratio LOS-E | VMT*VCE |
|---------------|------------------------------|--------|--------|---------------|-----------------|--------|----------|-----------|--------|----------------|---------|
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14370 | 14373 | 41 | 1 | 10,570 | 12.84 | 2,096.06 | 163.30 | 1.29 | 2,695 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14373 | 14370 | 41 | 1 | 10,640 | 12.65 | 2,109.85 | 166.74 | 1.29 | 2,730 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14373 | 14381 | 41 | 1 | 10,570 | 12.58 | 1,526.33 | 121.31 | 1.29 | 1,962 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14381 | 14373 | 41 | 1 | 10,640 | 12.40 | 1,536.37 | 123.87 | 1.29 | 1,988 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14381 | 14407 | 41 | 1 | 8,359 | 19.43 | 4,528.87 | 233.10 | 1.02 | 4,604 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14407 | 14381 | 41 | 1 | 8,397 | 19.30 | 4,549.66 | 235.76 | 1.02 | 4,647 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14407 | 14439 | 41 | 1 | 4,591 | 30.79 | 3,079.15 | 99.99 | 0.56 | 1,719 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14439 | 14407 | 41 | 1 | 4,558 | 30.86 | 3,056.82 | 99.06 | 0.55 | 1,694 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14439 | 14470 | 41 | 2 | 9,866 | 30.51 | 5,101.87 | 167.20 | 0.59 | 2,988 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14470 | 14439 | 41 | 2 | 9,940 | 30.44 | 5,139.80 | 168.87 | 0.59 | 3,033 |
| Gunn Ext | SR 54 to Tower Rd | 14167 | 15441 | 47 | 1 | 5,153 | 16.03 | 2,283.99 | 142.51 | 0.91 | 2,082 |
| Gunn Ext | SR 54 to Tower Rd | 15441 | 14167 | 47 | 1 | 5,534 | 14.65 | 2,452.78 | 167.40 | 0.98 | 2,401 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14470 | 14528 | 32 | 1 | 8,935 | 26.07 | 10,158.37 | 389.73 | 0.85 | 8,617 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14528 | 14470 | 32 | 1 | 8,937 | 26.06 | 10,160.77 | 389.91 | 0.85 | 8,621 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14528 | 14551 | 32 | 1 | 5,681 | 33.50 | 3,626.54 | 108.27 | 0.54 | 1,956 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14551 | 14528 | 32 | 1 | 5,687 | 33.49 | 3,630.68 | 108.42 | 0.54 | 1,960 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14551 | 14568 | 32 | 1 | 6,686 | 31.44 | 3,592.84 | 114.26 | 0.63 | 2,280 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14568 | 14551 | 32 | 1 | 6,686 | 31.44 | 3,593.02 | 114.27 | 0.63 | 2,281 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14568 | 14585 | 32 | 1 | 6,686 | 31.62 | 4,215.27 | 133.31 | 0.63 | 2,675 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14585 | 14568 | 32 | 1 | 6,686 | 31.62 | 4,215.48 | 133.32 | 0.63 | 2,676 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14585 | 14623 | 32 | 1 | 6,536 | 31.95 | 3,967.50 | 124.20 | 0.62 | 2,462 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14623 | 14585 | 32 | 1 | 6,538 | 31.94 | 3,968.49 | 124.24 | 0.62 | 2,463 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14623 | 14700 | 32 | 1 | 4,263 | 35.01 | 5,656.23 | 161.57 | 0.40 | 2,289 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14700 | 14623 | 32 | 1 | 4,595 | 34.72 | 6,095.96 | 175.59 | 0.44 | 2,659 |
| Ridge Rd Ext | Moon Lake to Suncoast | 14470 | 15302 | 17 | 1 | 11,952 | 34.51 | 9,552.83 | 276.80 | 0.83 | 7,943 |
| Ridge Rd Ext | Moon Lake to Suncoast | 15301 | 15302 | 17 | 1 | 12,023 | 34.38 | 16,644.65 | 484.07 | 0.84 | 13,922 |
| Ridge Rd Ext | Moon Lake to Suncoast | 15301 | 15305 | 17 | 1 | 11,952 | 34.62 | 28,118.52 | 812.29 | 0.83 | 23,380 |
| Ridge Rd Ext | Moon Lake to Suncoast | 15302 | 14470 | 17 | 1 | 12,023 | 34.32 | 9,609.56 | 279.98 | 0.84 | 8,038 |
| Ridge Rd Ext | Moon Lake to Suncoast | 15302 | 15301 | 17 | 1 | 11,952 | 34.57 | 16,546.39 | 478.58 | 0.83 | 13,758 |
| Ridge Rd Ext | Moon Lake to Suncoast | 15305 | 15301 | 17 | 1 | 12,023 | 34.43 | 28,285.51 | 821.62 | 0.84 | 23,658 |
| Ridge Rd Ext | Moon Lake to Suncoast | 15305 | 15306 | 17 | 1 | 9,850 | 38.45 | 861.72 | 22.41 | 0.69 | 590 |
| Ridge Rd Ext | Moon Lake to Suncoast | 15306 | 15305 | 17 | 1 | 13,778 | 28.64 | 1,205.30 | 42.08 | 0.96 | 1,155 |
| Ridge Rd Ext | Suncoast to US 41 | 14636 | 15315 | 23 | 1 | 10,970 | 26.05 | 13,956.97 | 535.69 | 0.99 | 13,835 |
| Ridge Rd Ext | Suncoast to US 41 | 15306 | 15415 | 17 | 1 | 11,021 | 37.06 | 11,422.34 | 308.19 | 0.77 | 8,757 |
| Ridge Rd Ext | Suncoast to US 41 | 15315 | 14636 | 23 | 1 | 11,021 | 25.90 | 14,021.85 | 541.34 | 1.00 | 13,964 |
| Ridge Rd Ext | Suncoast to US 41 | 15315 | 15416 | 17 | 1 | 10,970 | 36.99 | 9,752.60 | 263.66 | 0.76 | 7,442 |
| Ridge Rd Ext | Suncoast to US 41 | 15415 | 15306 | 17 | 1 | 10,970 | 37.18 | 11,369.48 | 305.76 | 0.76 | 8,676 |
| Ridge Rd Ext | Suncoast to US 41 | 15415 | 15416 | 17 | 1 | 11,021 | 36.98 | 7,102.42 | 192.06 | 0.77 | 5,445 |
| Ridge Rd Ext | Suncoast to US 41 | 15416 | 15315 | 17 | 1 | 11,021 | 36.87 | 9,797.93 | 265.76 | 0.77 | 7,512 |
| Ridge Rd Ext | Suncoast to US 41 | 15416 | 15415 | 17 | 1 | 10,970 | 37.10 | 7,069.55 | 190.55 | 0.76 | 5,395 |
| SR 52 | Moon Lake to Suncoast | 14691 | 14693 | 23 | 3 | 15,232 | 36.22 | 5,850.75 | 161.51 | 0.55 | 3,210 |
| SR 52 | Moon Lake to Suncoast | 14691 | 14713 | 23 | 3 | 15,458 | 36.34 | 15,076.02 | 414.82 | 0.56 | 8,393 |
| SR 52 | Moon Lake to Suncoast | 14693 | 14691 | 23 | 3 | 15,458 | 36.13 | 5,937.35 | 164.31 | 0.56 | 3,305 |
| SR 52 | Moon Lake to Suncoast | 14693 | 14694 | 23 | 3 | 15,337 | 36.54 | 4,096.53 | 112.10 | 0.55 | 2,263 |
| SR 52 | Moon Lake to Suncoast | 14694 | 14693 | 23 | 3 | 15,574 | 36.45 | 4,159.82 | 114.13 | 0.56 | 2,333 |
| SR 52 | Moon Lake to Suncoast | 14694 | 14700 | 23 | 3 | 14,899 | 36.59 | 2,266.15 | 61.94 | 0.54 | 1,216 |
| SR 52 | Moon Lake to Suncoast | 14700 | 14694 | 23 | 3 | 14,778 | 36.63 | 2,247.77 | 61.36 | 0.53 | 1,196 |
| SR 52 | Moon Lake to Suncoast | 14713 | 14691 | 23 | 3 | 15,232 | 36.43 | 14,856.12 | 407.75 | 0.55 | 8,150 |
| SR 52 | Moon Lake to Suncoast | 14713 | 14718 | 23 | 3 | 15,458 | 24.83 | 3,402.27 | 137.02 | 0.84 | 2,860 |
| SR 52 | Moon Lake to Suncoast | 14718 | 14713 | 23 | 3 | 15,232 | 25.11 | 3,352.64 | 133.54 | 0.83 | 2,777 |
| SR 52 | Moon Lake to Suncoast | 14718 | 14723 | 23 | 3 | 15,456 | 24.94 | 1,986.08 | 79.64 | 0.84 | 1,669 |
| SR 52 | Moon Lake to Suncoast | 14723 | 14718 | 23 | 3 | 15,227 | 25.22 | 1,956.72 | 77.60 | 0.83 | 1,620 |
| SR 52 | Moon Lake to Suncoast | 14723 | 14727 | 23 | 3 | 16,610 | 23.16 | 1,602.87 | 69.21 | 0.90 | 1,448 |
| SR 52 | Moon Lake to Suncoast | 14727 | 14723 | 23 | 3 | 16,375 | 23.47 | 1,580.16 | 67.32 | 0.89 | 1,407 |
| SR 52 | Moon Lake to Suncoast | 14727 | 14734 | 23 | 3 | 16,610 | 23.08 | 5,549.41 | 240.40 | 0.90 | 5,013 |
| SR 52 | Moon Lake to Suncoast | 14734 | 14727 | 23 | 3 | 16,375 | 23.40 | 5,470.81 | 233.84 | 0.89 | 4,872 |
| SR 52 | Moon Lake to Suncoast | 14734 | 14738 | 23 | 3 | 17,594 | 21.89 | 3,228.46 | 147.52 | 0.96 | 3,089 |
| SR 52 | Moon Lake to Suncoast | 14738 | 14734 | 23 | 3 | 17,337 | 22.25 | 3,181.40 | 143.01 | 0.94 | 3,000 |
| SR 52 | Moon Lake to Suncoast | 14738 | 14749 | 23 | 3 | 17,688 | 21.51 | 6,330.52 | 294.29 | 0.96 | 6,090 |
| SR 52 | Moon Lake to Suncoast | 14749 | 14738 | 23 | 3 | 17,456 | 21.84 | 6,247.33 | 286.10 | 0.95 | 5,931 |
| SR 52 | Moon Lake to Suncoast | 14749 | 14752 | 23 | 3 | 8,386 | 29.34 | 920.82 | 31.38 | 0.46 | 420 |

Ridge Road Extension Analysis: Alternative 15 - Add Ridge Road Ext. as Two Lanes, Add Tower Road as Two Lanes

| Name | From - To | A-Node | B-Node | Facility Type | Number of Lanes | Volume | C. Speed | VMT | VHT | VC Ratio LOS-E | VMT*VCE |
|-------|-----------------------|--------|--------|---------------|-----------------|--------|----------|-----------|----------|----------------|---------|
| SR 52 | Moon Lake to Suncoast | 14752 | 14749 | 23 | 3 | 21,429 | 15.97 | 2,352.94 | 147.30 | 1.17 | 2,742 |
| SR 52 | Suncoast to US 41 | 14752 | 14757 | 32 | 1 | 13,200 | 14.12 | 1,324.01 | 93.79 | 1.25 | 1,659 |
| SR 52 | Suncoast to US 41 | 14757 | 14752 | 32 | 1 | 12,916 | 14.77 | 1,295.47 | 87.72 | 1.23 | 1,588 |
| SR 52 | Suncoast to US 41 | 14757 | 14767 | 32 | 1 | 12,624 | 15.79 | 6,312.11 | 399.85 | 1.20 | 7,565 |
| SR 52 | Suncoast to US 41 | 14762 | 14765 | 32 | 1 | 9,847 | 23.42 | 1,243.70 | 53.10 | 0.93 | 1,163 |
| SR 52 | Suncoast to US 41 | 14762 | 14767 | 32 | 1 | 9,011 | 25.83 | 10,616.18 | 411.02 | 0.86 | 9,082 |
| SR 52 | Suncoast to US 41 | 14765 | 14762 | 32 | 1 | 9,673 | 23.93 | 1,221.74 | 51.05 | 0.92 | 1,122 |
| SR 52 | Suncoast to US 41 | 14765 | 14773 | 32 | 1 | 9,899 | 23.09 | 2,243.99 | 97.20 | 0.94 | 2,109 |
| SR 52 | Suncoast to US 41 | 14767 | 14757 | 32 | 1 | 12,340 | 16.50 | 6,169.85 | 373.95 | 1.17 | 7,228 |
| SR 52 | Suncoast to US 41 | 14767 | 14762 | 32 | 1 | 9,170 | 25.37 | 10,803.30 | 425.75 | 0.87 | 9,405 |
| SR 52 | Suncoast to US 41 | 14773 | 14765 | 32 | 1 | 9,714 | 23.62 | 2,202.09 | 93.22 | 0.92 | 2,031 |
| SR 52 | Suncoast to US 41 | 14773 | 14774 | 32 | 1 | 9,528 | 24.40 | 4,650.69 | 190.59 | 0.90 | 4,207 |
| SR 52 | Suncoast to US 41 | 14774 | 14773 | 32 | 1 | 9,352 | 24.91 | 4,564.63 | 183.22 | 0.89 | 4,053 |
| SR 52 | Suncoast to US 41 | 14774 | 14781 | 32 | 1 | 8,705 | 26.63 | 3,811.06 | 143.10 | 0.83 | 3,150 |
| SR 52 | Suncoast to US 41 | 14781 | 14774 | 32 | 1 | 8,526 | 27.13 | 3,732.64 | 137.60 | 0.81 | 3,021 |
| SR 54 | Starkey to Suncoast | 14107 | 14109 | 23 | 3 | 27,492 | 26.13 | 24,572.39 | 940.41 | 0.99 | 24,329 |
| SR 54 | Starkey to Suncoast | 14107 | 14114 | 23 | 3 | 29,882 | 23.17 | 21,706.32 | 936.95 | 1.08 | 23,360 |
| SR 54 | Starkey to Suncoast | 14109 | 14107 | 23 | 3 | 27,931 | 25.61 | 24,964.78 | 974.99 | 1.01 | 25,113 |
| SR 54 | Starkey to Suncoast | 14109 | 14118 | 23 | 3 | 27,333 | 26.47 | 8,364.04 | 316.01 | 0.98 | 8,234 |
| SR 54 | Starkey to Suncoast | 14114 | 14107 | 23 | 3 | 29,369 | 23.79 | 21,333.40 | 896.88 | 1.06 | 22,564 |
| SR 54 | Starkey to Suncoast | 14114 | 14121 | 23 | 3 | 29,882 | 23.03 | 4,503.22 | 195.54 | 1.08 | 4,846 |
| SR 54 | Starkey to Suncoast | 14118 | 14109 | 23 | 3 | 27,768 | 25.95 | 8,497.16 | 327.49 | 1.00 | 8,498 |
| SR 54 | Starkey to Suncoast | 14118 | 14120 | 23 | 3 | 27,333 | 25.74 | 3,219.88 | 125.09 | 0.98 | 3,170 |
| SR 54 | Starkey to Suncoast | 14120 | 14118 | 23 | 3 | 27,768 | 25.23 | 3,271.13 | 129.63 | 1.00 | 3,271 |
| SR 54 | Starkey to Suncoast | 14120 | 14124 | 23 | 3 | 32,076 | 20.48 | 3,432.13 | 167.61 | 1.16 | 3,965 |
| SR 54 | Starkey to Suncoast | 14121 | 14114 | 23 | 3 | 29,369 | 23.65 | 4,425.86 | 187.17 | 1.06 | 4,681 |
| SR 54 | Starkey to Suncoast | 14124 | 14120 | 23 | 3 | 32,596 | 19.87 | 3,487.82 | 175.51 | 1.17 | 4,094 |
| SR 54 | Starkey to Suncoast | 14124 | 14151 | 23 | 3 | 35,322 | 16.90 | 25,862.51 | 1,530.63 | 1.27 | 32,899 |
| SR 54 | Starkey to Suncoast | 14151 | 14124 | 23 | 3 | 35,831 | 16.36 | 26,235.35 | 1,603.36 | 1.29 | 33,855 |
| SR 54 | Starkey to Suncoast | 14151 | 14163 | 23 | 3 | 35,706 | 16.71 | 11,418.74 | 683.27 | 1.29 | 14,684 |
| SR 54 | Starkey to Suncoast | 14163 | 14151 | 23 | 3 | 36,125 | 16.27 | 11,552.73 | 709.92 | 1.30 | 15,030 |
| SR 54 | Starkey to Suncoast | 14163 | 14167 | 23 | 3 | 35,224 | 17.32 | 6,794.74 | 392.36 | 1.27 | 8,620 |
| SR 54 | Starkey to Suncoast | 14167 | 14163 | 23 | 3 | 35,650 | 16.86 | 6,876.97 | 407.89 | 1.28 | 8,830 |
| SR 54 | Starkey to Suncoast | 14167 | 14172 | 23 | 3 | 31,959 | 20.66 | 14,314.36 | 692.82 | 1.15 | 16,476 |
| SR 54 | Starkey to Suncoast | 14172 | 14167 | 23 | 3 | 32,108 | 20.49 | 14,381.19 | 702.00 | 1.16 | 16,630 |
| SR 54 | Starkey to Suncoast | 14172 | 14177 | 23 | 3 | 31,541 | 21.20 | 14,155.78 | 667.86 | 1.14 | 16,080 |
| SR 54 | Starkey to Suncoast | 14174 | 14181 | 23 | 3 | 31,331 | 21.49 | 31,753.92 | 1,477.57 | 1.13 | 35,830 |
| SR 54 | Starkey to Suncoast | 14174 | 14199 | 23 | 3 | 27,687 | 25.84 | 13,660.66 | 528.61 | 1.00 | 13,621 |
| SR 54 | Starkey to Suncoast | 14177 | 14172 | 23 | 3 | 31,661 | 21.05 | 14,209.42 | 674.90 | 1.14 | 16,202 |
| SR 54 | Starkey to Suncoast | 14177 | 14181 | 23 | 3 | 31,012 | 21.77 | 16,814.83 | 772.42 | 1.12 | 18,780 |
| SR 54 | Starkey to Suncoast | 14181 | 14174 | 23 | 3 | 31,208 | 21.64 | 31,629.42 | 1,461.81 | 1.12 | 35,550 |
| SR 54 | Starkey to Suncoast | 14181 | 14177 | 23 | 3 | 31,135 | 21.62 | 16,881.43 | 780.73 | 1.12 | 18,929 |
| SR 54 | Starkey to Suncoast | 14199 | 14174 | 23 | 3 | 28,090 | 25.36 | 13,859.78 | 546.51 | 1.01 | 14,021 |
| SR 54 | Starkey to Suncoast | 14199 | 14210 | 23 | 3 | 28,579 | 24.98 | 6,015.78 | 240.80 | 1.03 | 6,192 |
| SR 54 | Starkey to Suncoast | 14210 | 14199 | 23 | 3 | 28,928 | 24.56 | 6,089.38 | 247.97 | 1.04 | 6,344 |
| SR 54 | Starkey to Suncoast | 14210 | 14217 | 23 | 3 | 30,797 | 22.36 | 3,547.82 | 158.68 | 1.11 | 3,935 |
| SR 54 | Starkey to Suncoast | 14217 | 14210 | 23 | 3 | 29,897 | 23.46 | 3,444.08 | 146.83 | 1.08 | 3,708 |
| SR 54 | Suncoast to US 41 | 14217 | 14227 | 23 | 3 | 32,136 | 20.69 | 9,229.50 | 446.03 | 1.16 | 10,682 |
| SR 54 | Suncoast to US 41 | 14227 | 14217 | 23 | 3 | 32,045 | 20.80 | 9,203.27 | 442.45 | 1.15 | 10,621 |
| SR 54 | Suncoast to US 41 | 14227 | 14246 | 23 | 3 | 32,136 | 20.45 | 14,390.56 | 703.74 | 1.16 | 16,655 |
| SR 54 | Suncoast to US 41 | 14246 | 14227 | 23 | 3 | 32,045 | 20.56 | 14,349.66 | 698.09 | 1.15 | 16,561 |
| SR 54 | Suncoast to US 41 | 14246 | 14257 | 23 | 3 | 28,124 | 25.22 | 11,874.08 | 470.76 | 1.01 | 12,027 |
| SR 54 | Suncoast to US 41 | 14257 | 14246 | 23 | 3 | 28,124 | 25.22 | 11,873.79 | 470.73 | 1.01 | 12,026 |
| SR 54 | Suncoast to US 41 | 14257 | 14268 | 23 | 3 | 28,132 | 25.52 | 7,713.76 | 302.32 | 1.01 | 7,815 |
| SR 54 | Suncoast to US 41 | 14268 | 14257 | 23 | 3 | 28,125 | 25.52 | 7,711.96 | 302.15 | 1.01 | 7,812 |
| SR 54 | Suncoast to US 41 | 14268 | 14285 | 23 | 3 | 26,138 | 27.68 | 24,321.45 | 878.77 | 0.94 | 22,895 |
| SR 54 | Suncoast to US 41 | 14285 | 14268 | 23 | 3 | 26,162 | 27.65 | 24,343.49 | 880.43 | 0.94 | 22,936 |
| SR 54 | Suncoast to US 41 | 14285 | 15330 | 23 | 3 | 28,194 | 25.42 | 9,701.57 | 381.62 | 1.02 | 9,851 |
| SR 54 | Suncoast to US 41 | 14313 | 14316 | 23 | 3 | 31,517 | 21.23 | 14,945.35 | 703.98 | 1.14 | 16,964 |
| SR 54 | Suncoast to US 41 | 14313 | 15330 | 23 | 3 | 27,776 | 25.73 | 15,282.37 | 593.94 | 1.00 | 15,288 |
| SR 54 | Suncoast to US 41 | 14314 | 14316 | 23 | 3 | 33,875 | 18.47 | 18,810.82 | 1,018.61 | 1.22 | 22,949 |

Ridge Road Extension Analysis: Alternative 15 - Add Ridge Road Ext. as Two Lanes, Add Tower Road as Two Lanes

| Name | From - To | A-Node | B-Node | Facility Type | Number of Lanes | Volume | C. Speed | VMT | VHT | VC Ratio LOS-E | VMT*VCE |
|--------------|-----------------------------|--------|--------|---------------|-----------------|--------|----------|-----------|----------|----------------|---------|
| SR 54 | Suncoast to US 41 | 14314 | 14329 | 23 | 3 | 36,517 | 15.69 | 13,628.09 | 868.32 | 1.32 | 17,923 |
| SR 54 | Suncoast to US 41 | 14316 | 14313 | 23 | 3 | 31,535 | 21.21 | 14,953.94 | 705.10 | 1.14 | 16,983 |
| SR 54 | Suncoast to US 41 | 14316 | 14314 | 23 | 3 | 33,837 | 18.51 | 18,789.65 | 1,015.12 | 1.22 | 22,897 |
| SR 54 | Suncoast to US 41 | 14327 | 14330 | 23 | 3 | 35,192 | 16.92 | 7,942.73 | 469.43 | 1.27 | 10,067 |
| SR 54 | Suncoast to US 41 | 14329 | 14314 | 23 | 3 | 36,547 | 15.66 | 13,639.41 | 870.74 | 1.32 | 17,953 |
| SR 54 | Suncoast to US 41 | 14329 | 14330 | 23 | 3 | 35,483 | 16.79 | 4,722.85 | 281.21 | 1.28 | 6,035 |
| SR 54 | Suncoast to US 41 | 14330 | 14327 | 23 | 3 | 35,164 | 16.95 | 7,936.58 | 468.27 | 1.27 | 10,051 |
| SR 54 | Suncoast to US 41 | 14330 | 14329 | 23 | 3 | 35,518 | 16.76 | 4,727.48 | 282.10 | 1.28 | 6,047 |
| SR 54 | Suncoast to US 41 | 15330 | 14285 | 23 | 3 | 28,202 | 25.41 | 9,704.27 | 381.87 | 1.02 | 9,856 |
| SR 54 | Suncoast to US 41 | 15330 | 14313 | 23 | 3 | 27,828 | 25.67 | 15,310.76 | 596.47 | 1.00 | 15,344 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14121 | 14150 | 43 | 2 | 1,867 | 30.08 | 674.19 | 22.41 | 0.12 | 83 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14150 | 14121 | 43 | 2 | 1,775 | 30.08 | 641.05 | 21.31 | 0.12 | 75 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14150 | 18111 | 43 | 1 | 2,265 | 29.70 | 2,140.81 | 72.07 | 0.30 | 645 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14241 | 14255 | 43 | 1 | 6,926 | 19.93 | 1,775.18 | 89.08 | 0.92 | 1,635 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14241 | 18111 | 43 | 1 | 7,276 | 18.66 | 6,410.22 | 343.55 | 0.97 | 6,202 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14255 | 14241 | 43 | 1 | 7,276 | 18.73 | 1,864.83 | 99.55 | 0.97 | 1,804 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14255 | 14295 | 43 | 1 | 4,878 | 26.04 | 2,848.95 | 109.41 | 0.65 | 1,848 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14295 | 14255 | 43 | 1 | 5,238 | 25.11 | 3,059.44 | 121.85 | 0.70 | 2,131 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14295 | 14297 | 43 | 1 | 3,714 | 28.77 | 546.37 | 18.99 | 0.49 | 270 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14297 | 14295 | 43 | 1 | 4,042 | 28.23 | 594.58 | 21.06 | 0.54 | 320 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14297 | 14336 | 43 | 1 | 3,714 | 28.43 | 3,109.20 | 109.37 | 0.49 | 1,536 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14336 | 14297 | 43 | 1 | 4,042 | 27.90 | 3,383.60 | 121.27 | 0.54 | 1,819 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14336 | 14361 | 41 | 1 | 10,333 | 13.27 | 5,820.63 | 438.77 | 1.26 | 7,315 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14361 | 14336 | 41 | 1 | 10,846 | 11.93 | 6,109.79 | 511.98 | 1.32 | 8,060 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14361 | 14370 | 41 | 1 | 10,333 | 13.36 | 2,089.35 | 156.39 | 1.26 | 2,626 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14370 | 14361 | 41 | 1 | 10,846 | 12.02 | 2,193.15 | 182.49 | 1.32 | 2,893 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 18111 | 14150 | 43 | 1 | 2,165 | 29.75 | 2,046.61 | 68.80 | 0.29 | 589 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 18111 | 14241 | 43 | 1 | 6,926 | 19.85 | 6,102.06 | 307.41 | 0.92 | 5,620 |
| Suncoast | Ridge Rd Extension to SR 54 | 14213 | 14235 | 92 | 2 | 24,089 | 42.31 | 10,237.90 | 241.96 | 0.79 | 8,042 |
| Suncoast | Ridge Rd Extension to SR 54 | 14217 | 14235 | 71 | 2 | 5,458 | 29.80 | 2,224.04 | 74.64 | 0.17 | 378 |
| Suncoast | Ridge Rd Extension to SR 54 | 14233 | 14210 | 71 | 2 | 5,330 | 29.93 | 2,208.20 | 73.78 | 0.17 | 367 |
| Suncoast | Ridge Rd Extension to SR 54 | 14233 | 14211 | 92 | 2 | 24,168 | 41.65 | 10,353.70 | 248.58 | 0.79 | 8,160 |
| Suncoast | Ridge Rd Extension to SR 54 | 14235 | 14292 | 92 | 2 | 29,547 | 30.14 | 28,347.32 | 940.53 | 1.15 | 32,633 |
| Suncoast | Ridge Rd Extension to SR 54 | 14291 | 14233 | 92 | 2 | 29,498 | 30.15 | 28,294.72 | 938.34 | 1.15 | 32,519 |
| Suncoast | Ridge Rd Extension to SR 54 | 14292 | 14391 | 92 | 2 | 29,547 | 30.20 | 57,055.12 | 1,889.54 | 1.15 | 65,681 |
| Suncoast | Ridge Rd Extension to SR 54 | 14390 | 14291 | 92 | 2 | 29,498 | 30.30 | 57,117.45 | 1,885.13 | 1.15 | 65,644 |
| Suncoast | Ridge Rd Extension to SR 54 | 14391 | 14449 | 92 | 2 | 29,547 | 30.30 | 22,337.48 | 737.18 | 1.15 | 25,714 |
| Suncoast | Ridge Rd Extension to SR 54 | 14449 | 14472 | 92 | 2 | 29,547 | 29.95 | 8,373.60 | 279.62 | 1.15 | 9,640 |
| Suncoast | Ridge Rd Extension to SR 54 | 14451 | 14390 | 92 | 2 | 29,498 | 30.10 | 23,406.86 | 777.72 | 1.15 | 26,901 |
| Suncoast | Ridge Rd Extension to SR 54 | 14471 | 14451 | 92 | 2 | 29,498 | 30.18 | 7,398.16 | 245.15 | 1.15 | 8,503 |
| Suncoast | Ridge Rd Extension to SR 54 | 14472 | 14485 | 92 | 2 | 29,547 | 19.23 | 3,796.78 | 197.43 | 1.15 | 4,371 |
| Suncoast | Ridge Rd Extension to SR 54 | 14484 | 14471 | 92 | 2 | 29,498 | 13.67 | 3,616.48 | 264.59 | 1.15 | 4,156 |
| Suncoast | Ridge Rd Extension to SR 54 | 14485 | 14492 | 99 | 2 | 29,547 | 0.56 | 2,065.33 | 3,663.82 | 0.81 | 1,664 |
| Suncoast | Ridge Rd Extension to SR 54 | 14490 | 14484 | 99 | 2 | 29,498 | 0.57 | 2,079.63 | 3,657.78 | 0.80 | 1,673 |
| Suncoast | Ridge Rd Extension to SR 54 | 14492 | 14501 | 92 | 2 | 29,547 | 14.67 | 4,139.52 | 282.16 | 1.15 | 4,765 |
| Suncoast | Ridge Rd Extension to SR 54 | 14500 | 14490 | 92 | 2 | 29,498 | 20.31 | 4,171.05 | 205.42 | 1.15 | 4,794 |
| Suncoast | Ridge Rd Extension to SR 54 | 14501 | 14510 | 92 | 2 | 29,547 | 30.69 | 8,060.40 | 262.67 | 1.15 | 9,279 |
| Suncoast | Ridge Rd Extension to SR 54 | 14508 | 14500 | 92 | 2 | 29,498 | 29.97 | 7,601.70 | 253.60 | 1.15 | 8,736 |
| Suncoast | Ridge Rd Extension to SR 54 | 14510 | 15304 | 92 | 2 | 29,547 | 30.21 | 28,161.18 | 932.06 | 1.15 | 32,419 |
| Suncoast | Ridge Rd Extension to SR 54 | 14557 | 15303 | 92 | 2 | 24,313 | 35.36 | 7,332.67 | 207.35 | 0.95 | 6,946 |
| Suncoast | Ridge Rd Extension to SR 54 | 15303 | 14508 | 92 | 2 | 29,498 | 30.33 | 28,719.49 | 946.79 | 1.15 | 33,007 |
| Suncoast | Ridge Rd Extension to SR 54 | 15304 | 14558 | 92 | 2 | 24,095 | 36.12 | 7,368.13 | 204.00 | 0.94 | 6,917 |
| Suncoast | Ridge Rd Extension to SR 54 | 15304 | 15306 | 71 | 1 | 5,452 | 29.75 | 899.45 | 30.24 | 0.34 | 305 |
| Suncoast | Ridge Rd Extension to SR 54 | 15305 | 15303 | 71 | 1 | 5,186 | 29.53 | 668.18 | 22.63 | 0.32 | 216 |
| Suncoast | SR 52 to Ridge Rd Extension | 14557 | 15376 | 71 | 1 | 1,329 | 30.41 | 87.60 | 2.88 | 0.08 | 7 |
| Suncoast | SR 52 to Ridge Rd Extension | 14558 | 14645 | 92 | 2 | 25,568 | 34.19 | 52,888.30 | 1,546.85 | 1.00 | 52,686 |
| Suncoast | SR 52 to Ridge Rd Extension | 14644 | 14557 | 92 | 2 | 25,642 | 34.15 | 52,932.22 | 1,549.91 | 1.00 | 52,881 |
| Suncoast | SR 52 to Ridge Rd Extension | 14645 | 14722 | 92 | 2 | 25,568 | 34.30 | 29,301.42 | 854.33 | 1.00 | 29,189 |
| Suncoast | SR 52 to Ridge Rd Extension | 14722 | 14748 | 92 | 2 | 10,986 | 48.11 | 3,898.79 | 81.04 | 0.43 | 1,669 |
| Suncoast | SR 52 to Ridge Rd Extension | 14722 | 14752 | 71 | 1 | 14,583 | 23.05 | 5,614.39 | 243.61 | 0.95 | 5,332 |
| Suncoast | SR 52 to Ridge Rd Extension | 14725 | 14644 | 92 | 2 | 25,642 | 34.03 | 30,362.37 | 892.17 | 1.00 | 30,333 |

Ridge Road Extension Analysis: Alternative 15 - Add Ridge Road Ext. as Two Lanes, Add Tower Road as Two Lanes

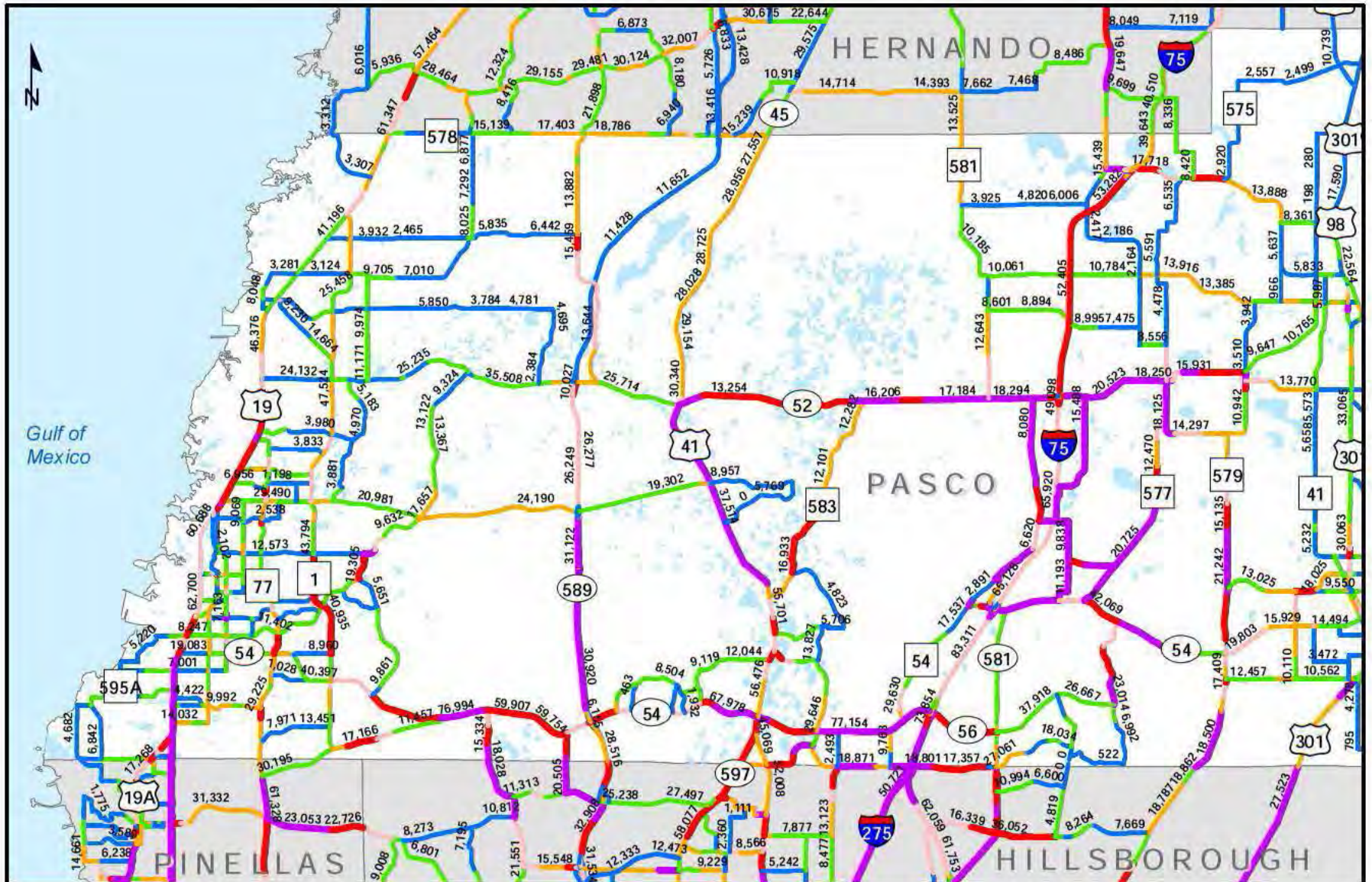
| Name | From - To | A-Node | B-Node | Facility Type | Number of Lanes | Volume | C. Speed | VMT | VHT | VC Ratio LOS-E | VMT*VCE |
|----------|-----------------------------|--------|--------|---------------|-----------------|--------|----------|-----------|--------|----------------|---------|
| Suncoast | SR 52 to Ridge Rd Extension | 14747 | 14725 | 92 | 2 | 10,733 | 48.33 | 3,443.27 | 71.25 | 0.42 | 1,440 |
| Suncoast | SR 52 to Ridge Rd Extension | 14749 | 14725 | 71 | 1 | 14,908 | 22.76 | 5,098.66 | 224.04 | 0.97 | 4,950 |
| Suncoast | SR 52 to Ridge Rd Extension | 15306 | 15377 | 71 | 1 | 1,474 | 31.21 | 84.33 | 2.70 | 0.09 | 8 |
| Suncoast | SR 52 to Ridge Rd Extension | 15375 | 15305 | 71 | 1 | 1,329 | 30.71 | 122.48 | 3.99 | 0.08 | 10 |
| Suncoast | SR 52 to Ridge Rd Extension | 15376 | 15375 | 99 | 2 | 1,329 | 0.71 | 29.35 | 41.20 | 0.03 | 1 |
| Suncoast | SR 52 to Ridge Rd Extension | 15377 | 15378 | 99 | 2 | 1,474 | 0.78 | 35.64 | 45.69 | 0.04 | 1 |
| Suncoast | SR 52 to Ridge Rd Extension | 15378 | 14558 | 71 | 1 | 1,474 | 29.96 | 95.69 | 3.19 | 0.09 | 9 |
| Tower Rd | Gunn Ext to US 41 | 14550 | 15533 | 44 | 1 | 1,118 | 29.23 | 43.61 | 1.49 | 0.16 | 7 |
| Tower Rd | Gunn Ext to US 41 | 15319 | 15513 | 44 | 1 | 1,088 | 28.08 | 514.89 | 18.34 | 0.16 | 82 |
| Tower Rd | Gunn Ext to US 41 | 15319 | 15518 | 44 | 1 | 1,118 | 28.04 | 481.07 | 17.16 | 0.16 | 79 |
| Tower Rd | Gunn Ext to US 41 | 15320 | 15321 | 44 | 1 | 1,088 | 27.84 | 449.88 | 16.16 | 0.16 | 72 |
| Tower Rd | Gunn Ext to US 41 | 15320 | 15513 | 44 | 1 | 1,118 | 27.96 | 458.84 | 16.41 | 0.16 | 75 |
| Tower Rd | Gunn Ext to US 41 | 15321 | 15320 | 44 | 1 | 1,118 | 27.84 | 462.13 | 16.60 | 0.16 | 76 |
| Tower Rd | Gunn Ext to US 41 | 15321 | 15514 | 44 | 1 | 1,088 | 27.98 | 269.23 | 9.62 | 0.16 | 43 |
| Tower Rd | Gunn Ext to US 41 | 15323 | 15418 | 44 | 1 | 1,088 | 27.96 | 2,228.04 | 79.69 | 0.16 | 356 |
| Tower Rd | Gunn Ext to US 41 | 15323 | 15514 | 44 | 1 | 1,118 | 28.06 | 455.36 | 16.23 | 0.16 | 75 |
| Tower Rd | Gunn Ext to US 41 | 15418 | 15323 | 44 | 1 | 1,118 | 27.95 | 2,288.70 | 81.87 | 0.16 | 376 |
| Tower Rd | Gunn Ext to US 41 | 15418 | 15533 | 44 | 1 | 1,088 | 28.02 | 935.89 | 33.40 | 0.16 | 150 |
| Tower Rd | Gunn Ext to US 41 | 15441 | 18110 | 47 | 1 | 1,088 | 23.94 | 517.75 | 21.62 | 0.19 | 100 |
| Tower Rd | Gunn Ext to US 41 | 15444 | 15518 | 44 | 1 | 1,088 | 27.99 | 2,032.48 | 72.61 | 0.16 | 325 |
| Tower Rd | Gunn Ext to US 41 | 15444 | 18110 | 44 | 1 | 1,118 | 28.00 | 1,216.62 | 43.45 | 0.16 | 200 |
| Tower Rd | Gunn Ext to US 41 | 15513 | 15319 | 44 | 1 | 1,118 | 28.08 | 528.91 | 18.84 | 0.16 | 87 |
| Tower Rd | Gunn Ext to US 41 | 15513 | 15320 | 44 | 1 | 1,088 | 27.96 | 446.68 | 15.98 | 0.16 | 71 |
| Tower Rd | Gunn Ext to US 41 | 15514 | 15321 | 44 | 1 | 1,118 | 27.98 | 276.56 | 9.88 | 0.16 | 45 |
| Tower Rd | Gunn Ext to US 41 | 15514 | 15323 | 44 | 1 | 1,088 | 28.07 | 443.29 | 15.79 | 0.16 | 71 |
| Tower Rd | Gunn Ext to US 41 | 15518 | 15319 | 44 | 1 | 1,088 | 28.04 | 468.32 | 16.70 | 0.16 | 75 |
| Tower Rd | Gunn Ext to US 41 | 15518 | 15444 | 44 | 1 | 1,118 | 27.99 | 2,087.82 | 74.60 | 0.16 | 343 |
| Tower Rd | Gunn Ext to US 41 | 15533 | 14550 | 44 | 1 | 1,088 | 29.23 | 42.45 | 1.45 | 0.16 | 7 |
| Tower Rd | Gunn Ext to US 41 | 15533 | 15418 | 44 | 1 | 1,118 | 28.02 | 961.37 | 34.32 | 0.16 | 158 |
| Tower Rd | Gunn Ext to US 41 | 18110 | 15441 | 47 | 1 | 1,118 | 23.94 | 531.85 | 22.22 | 0.20 | 105 |
| Tower Rd | Gunn Ext to US 41 | 18110 | 15444 | 44 | 1 | 1,088 | 28.00 | 1,184.37 | 42.30 | 0.16 | 189 |
| Tower Rd | Starkey Rd to Gunn Ext | 15441 | 15443 | 47 | 1 | 4,715 | 17.60 | 6,804.42 | 386.58 | 0.83 | 5,675 |
| Tower Rd | Starkey Rd to Gunn Ext | 15443 | 15441 | 47 | 1 | 5,067 | 16.36 | 7,311.23 | 446.98 | 0.90 | 6,552 |
| Tower Rd | Starkey Rd to Gunn Ext | 15443 | 18111 | 44 | 1 | 6,105 | 19.12 | 7,933.49 | 415.04 | 0.90 | 7,114 |
| Tower Rd | Starkey Rd to Gunn Ext | 18111 | 15443 | 44 | 1 | 6,554 | 17.54 | 8,517.55 | 485.65 | 0.96 | 8,200 |
| US 41 | Ridge Rd Extension to SR 54 | 14327 | 14350 | 23 | 3 | 26,504 | 29.81 | 12,697.89 | 425.95 | 0.87 | 11,018 |
| US 41 | Ridge Rd Extension to SR 54 | 14350 | 14327 | 23 | 3 | 26,752 | 29.57 | 12,817.06 | 433.41 | 0.88 | 11,226 |
| US 41 | Ridge Rd Extension to SR 54 | 14350 | 14357 | 23 | 3 | 26,038 | 30.97 | 3,697.33 | 119.37 | 0.85 | 3,152 |
| US 41 | Ridge Rd Extension to SR 54 | 14357 | 14350 | 23 | 3 | 26,309 | 30.71 | 3,735.85 | 121.64 | 0.86 | 3,218 |
| US 41 | Ridge Rd Extension to SR 54 | 14357 | 14388 | 23 | 3 | 28,025 | 28.33 | 15,382.75 | 542.90 | 0.92 | 14,114 |
| US 41 | Ridge Rd Extension to SR 54 | 14388 | 14357 | 23 | 3 | 28,312 | 28.04 | 15,540.47 | 554.21 | 0.93 | 14,405 |
| US 41 | Ridge Rd Extension to SR 54 | 14388 | 14415 | 23 | 3 | 28,025 | 25.62 | 14,104.83 | 550.51 | 1.01 | 14,236 |
| US 41 | Ridge Rd Extension to SR 54 | 14415 | 14388 | 23 | 3 | 28,312 | 25.27 | 14,249.44 | 563.80 | 1.02 | 14,529 |
| US 41 | Ridge Rd Extension to SR 54 | 14415 | 14443 | 23 | 3 | 30,852 | 21.83 | 8,314.52 | 380.86 | 1.11 | 9,238 |
| US 41 | Ridge Rd Extension to SR 54 | 14443 | 14415 | 23 | 3 | 31,091 | 21.55 | 8,379.11 | 388.88 | 1.12 | 9,382 |
| US 41 | Ridge Rd Extension to SR 54 | 14443 | 14491 | 23 | 3 | 27,056 | 26.69 | 14,604.82 | 547.10 | 0.97 | 14,231 |
| US 41 | Ridge Rd Extension to SR 54 | 14491 | 14443 | 23 | 3 | 27,054 | 26.70 | 14,603.57 | 547.00 | 0.97 | 14,229 |
| US 41 | Ridge Rd Extension to SR 54 | 14491 | 14503 | 23 | 3 | 32,080 | 20.55 | 6,890.71 | 335.33 | 1.16 | 7,961 |
| US 41 | Ridge Rd Extension to SR 54 | 14503 | 14491 | 23 | 3 | 32,113 | 20.51 | 6,897.81 | 336.31 | 1.16 | 7,977 |
| US 41 | Ridge Rd Extension to SR 54 | 14503 | 14509 | 23 | 3 | 29,604 | 23.72 | 6,604.70 | 278.48 | 1.07 | 7,042 |
| US 41 | Ridge Rd Extension to SR 54 | 14509 | 14503 | 23 | 3 | 29,633 | 23.68 | 6,611.18 | 279.17 | 1.07 | 7,056 |
| US 41 | Ridge Rd Extension to SR 54 | 14509 | 14531 | 23 | 3 | 27,706 | 25.93 | 17,249.69 | 665.19 | 1.00 | 17,212 |
| US 41 | Ridge Rd Extension to SR 54 | 14531 | 14509 | 23 | 3 | 27,720 | 25.91 | 17,258.75 | 665.99 | 1.00 | 17,230 |
| US 41 | Ridge Rd Extension to SR 54 | 14531 | 14541 | 23 | 3 | 25,175 | 28.55 | 9,173.68 | 321.31 | 0.91 | 8,317 |
| US 41 | Ridge Rd Extension to SR 54 | 14541 | 14531 | 23 | 3 | 25,160 | 28.57 | 9,168.42 | 320.95 | 0.91 | 8,308 |
| US 41 | Ridge Rd Extension to SR 54 | 14541 | 14550 | 23 | 2 | 24,856 | 15.00 | 11,210.01 | 747.41 | 1.34 | 15,052 |
| US 41 | Ridge Rd Extension to SR 54 | 14550 | 14541 | 23 | 2 | 24,874 | 14.97 | 11,218.15 | 749.27 | 1.34 | 15,074 |
| US 41 | Ridge Rd Extension to SR 54 | 14550 | 14552 | 23 | 2 | 24,378 | 15.57 | 5,984.92 | 384.44 | 1.32 | 7,882 |
| US 41 | Ridge Rd Extension to SR 54 | 14552 | 14550 | 23 | 2 | 24,426 | 15.50 | 5,996.62 | 386.97 | 1.32 | 7,913 |
| US 41 | Ridge Rd Extension to SR 54 | 14552 | 14559 | 23 | 2 | 24,115 | 15.96 | 7,890.55 | 494.39 | 1.30 | 10,279 |
| US 41 | Ridge Rd Extension to SR 54 | 14559 | 14552 | 23 | 2 | 24,169 | 15.88 | 7,908.11 | 498.04 | 1.31 | 10,325 |

Ridge Road Extension Analysis: Alternative 15 - Add Ridge Road Ext. as Two Lanes, Add Tower Road as Two Lanes

| Name | From - To | A-Node | B-Node | Facility Type | Number of Lanes | Volume | C. Speed | VMT | VHT | VC Ratio LOS-E | VMT*VCE | |
|-------|-----------------------------|--------|--------|---------------|-----------------|--------|----------|----------------|-----------|----------------|---------|-----------|
| US 41 | Ridge Rd Extension to SR 54 | 14559 | 14565 | 23 | 2 | 23,176 | 4.30 | 6,802.12 | 1,581.27 | 1.89 | 12,861 | |
| US 41 | Ridge Rd Extension to SR 54 | 14565 | 14559 | 23 | 2 | 23,233 | 4.27 | 6,818.75 | 1,598.49 | 1.90 | 12,924 | |
| US 41 | Ridge Rd Extension to SR 54 | 14565 | 14578 | 23 | 2 | 21,018 | 5.97 | 14,182.80 | 2,375.02 | 1.71 | 24,319 | |
| US 41 | Ridge Rd Extension to SR 54 | 14578 | 14565 | 23 | 2 | 21,040 | 5.95 | 14,198.00 | 2,385.77 | 1.72 | 24,371 | |
| US 41 | Ridge Rd Extension to SR 54 | 14578 | 14630 | 23 | 2 | 18,747 | 8.48 | 21,418.22 | 2,526.34 | 1.53 | 32,757 | |
| US 41 | Ridge Rd Extension to SR 54 | 14630 | 14578 | 23 | 2 | 18,766 | 8.45 | 21,440.52 | 2,536.58 | 1.53 | 32,825 | |
| US 41 | Ridge Rd Extension to SR 54 | 14630 | 14636 | 23 | 2 | 19,317 | 7.79 | 3,936.80 | 505.31 | 1.58 | 6,204 | |
| US 41 | Ridge Rd Extension to SR 54 | 14636 | 14630 | 23 | 2 | 19,354 | 7.75 | 3,944.45 | 509.23 | 1.58 | 6,228 | |
| US 41 | SR 52 to Ridge Rd Extension | 14636 | 14662 | 31 | 1 | 21,090 | 17.29 | 10,342.73 | 598.21 | 1.32 | 13,633 | |
| US 41 | SR 52 to Ridge Rd Extension | 14662 | 14636 | 31 | 1 | 21,121 | 17.23 | 10,357.58 | 601.10 | 1.32 | 13,672 | |
| US 41 | SR 52 to Ridge Rd Extension | 14662 | 14671 | 31 | 1 | 19,893 | 20.00 | 2,969.95 | 148.49 | 1.24 | 3,692 | |
| US 41 | SR 52 to Ridge Rd Extension | 14671 | 14662 | 31 | 1 | 19,919 | 19.95 | 2,973.88 | 149.10 | 1.24 | 3,702 | |
| US 41 | SR 52 to Ridge Rd Extension | 14671 | 14676 | 31 | 1 | 19,729 | 19.84 | 3,144.75 | 158.50 | 1.23 | 3,878 | |
| US 41 | SR 52 to Ridge Rd Extension | 14676 | 14671 | 31 | 1 | 19,749 | 19.80 | 3,147.99 | 159.01 | 1.23 | 3,886 | |
| US 41 | SR 52 to Ridge Rd Extension | 14676 | 14687 | 31 | 1 | 19,729 | 20.16 | 5,279.40 | 261.88 | 1.23 | 6,510 | |
| US 41 | SR 52 to Ridge Rd Extension | 14687 | 14676 | 31 | 1 | 19,749 | 20.12 | 5,284.82 | 262.71 | 1.23 | 6,523 | |
| US 41 | SR 52 to Ridge Rd Extension | 14687 | 14692 | 31 | 1 | 19,511 | 20.73 | 2,347.12 | 113.22 | 1.22 | 2,862 | |
| US 41 | SR 52 to Ridge Rd Extension | 14692 | 14687 | 31 | 1 | 19,541 | 20.66 | 2,350.76 | 113.76 | 1.22 | 2,871 | |
| US 41 | SR 52 to Ridge Rd Extension | 14692 | 14701 | 31 | 1 | 19,511 | 20.19 | 3,361.67 | 166.51 | 1.22 | 4,099 | |
| US 41 | SR 52 to Ridge Rd Extension | 14701 | 14692 | 31 | 1 | 19,541 | 20.13 | 3,366.88 | 167.30 | 1.22 | 4,112 | |
| US 41 | SR 52 to Ridge Rd Extension | 14701 | 14717 | 31 | 1 | 19,511 | 20.59 | 8,914.37 | 432.92 | 1.22 | 10,870 | |
| US 41 | SR 52 to Ridge Rd Extension | 14717 | 14701 | 31 | 1 | 19,541 | 20.53 | 8,928.20 | 434.97 | 1.22 | 10,904 | |
| US 41 | SR 52 to Ridge Rd Extension | 14717 | 14781 | 31 | 1 | 18,824 | 22.08 | 15,469.97 | 700.52 | 1.18 | 18,201 | |
| US 41 | SR 52 to Ridge Rd Extension | 14781 | 14717 | 31 | 1 | 18,849 | 22.03 | 15,490.33 | 703.20 | 1.18 | 18,249 | |
| | | | | | | | | Totals: | 2,299,884 | 111,247 | | 2,396,807 |

Avg. Speed: 20.67 Weighted VC Ratio: 1.042

C-3-53



**Tindale
Oliver**

Legend

V/C Ratio (LOS E) — >0.5-0.8 — >0.95-1.05 — >1.2
— < 0.5 — >0.8-0.95 — >1.05-1.2



Alternative 16
 Ridge Road Extension Analysis - TBRPM Model
 Peak Season Daily Traffic Volume (Two-way)
 and V/C Ratio by Roadway Segment

Ridge Road Extension Analysis: Alternative 16 - Add Ridge Road Ext. as Two Lanes, Add Two Lanes to SR 52

| Name | From - To | A-Node | B-Node | Facility Type | Number of Lanes | Volume | C. Speed | VMT | VHT | VC Ratio LOS-E | VMT*VCE |
|---------------|------------------------------|--------|--------|---------------|-----------------|--------|----------|-----------|--------|----------------|---------|
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14370 | 14373 | 41 | 1 | 10,678 | 12.55 | 2,117.42 | 168.67 | 1.30 | 2,750 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14373 | 14370 | 41 | 1 | 10,654 | 12.62 | 2,112.61 | 167.44 | 1.30 | 2,737 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14373 | 14381 | 41 | 1 | 10,678 | 12.31 | 1,541.88 | 125.30 | 1.30 | 2,002 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14381 | 14373 | 41 | 1 | 10,654 | 12.37 | 1,538.38 | 124.39 | 1.30 | 1,993 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14381 | 14407 | 41 | 1 | 8,531 | 18.84 | 4,621.93 | 245.27 | 1.04 | 4,795 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14407 | 14381 | 41 | 1 | 8,486 | 19.00 | 4,597.56 | 242.01 | 1.03 | 4,745 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14407 | 14439 | 41 | 1 | 4,860 | 30.25 | 3,259.58 | 107.76 | 0.59 | 1,927 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14439 | 14407 | 41 | 1 | 4,772 | 30.43 | 3,200.48 | 105.16 | 0.58 | 1,857 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14439 | 14470 | 41 | 2 | 10,249 | 30.10 | 5,299.82 | 176.05 | 0.61 | 3,225 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14470 | 14439 | 41 | 2 | 10,201 | 30.16 | 5,275.00 | 174.92 | 0.61 | 3,195 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14470 | 14528 | 32 | 1 | 8,785 | 26.49 | 9,987.93 | 377.07 | 0.83 | 8,330 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14528 | 14470 | 32 | 1 | 8,871 | 26.25 | 10,085.92 | 384.29 | 0.84 | 8,495 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14528 | 14551 | 32 | 1 | 5,634 | 33.57 | 3,596.77 | 107.16 | 0.53 | 1,924 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14551 | 14528 | 32 | 1 | 5,709 | 33.45 | 3,644.91 | 108.96 | 0.54 | 1,976 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14551 | 14568 | 32 | 1 | 6,645 | 31.53 | 3,570.89 | 113.27 | 0.63 | 2,253 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14568 | 14551 | 32 | 1 | 6,723 | 31.37 | 3,612.79 | 115.17 | 0.64 | 2,306 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14568 | 14585 | 32 | 1 | 6,645 | 31.70 | 4,189.52 | 132.15 | 0.63 | 2,643 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14585 | 14568 | 32 | 1 | 6,723 | 31.55 | 4,238.68 | 134.37 | 0.64 | 2,705 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14585 | 14623 | 32 | 1 | 6,521 | 31.97 | 3,958.37 | 123.80 | 0.62 | 2,451 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14623 | 14585 | 32 | 1 | 6,600 | 31.82 | 4,006.49 | 125.92 | 0.63 | 2,511 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14623 | 14700 | 32 | 1 | 4,617 | 34.70 | 6,125.83 | 176.56 | 0.44 | 2,685 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14700 | 14623 | 32 | 1 | 4,707 | 34.61 | 6,244.97 | 180.46 | 0.45 | 2,791 |
| Ridge Rd Ext | Moon Lake to Suncoast | 14470 | 15302 | 17 | 1 | 12,057 | 34.23 | 9,636.12 | 281.48 | 0.84 | 8,082 |
| Ridge Rd Ext | Moon Lake to Suncoast | 15301 | 15302 | 17 | 1 | 12,133 | 34.09 | 16,796.74 | 492.74 | 0.84 | 14,177 |
| Ridge Rd Ext | Moon Lake to Suncoast | 15301 | 15305 | 17 | 1 | 12,057 | 34.39 | 28,315.46 | 823.40 | 0.84 | 23,749 |
| Ridge Rd Ext | Moon Lake to Suncoast | 15302 | 14470 | 17 | 1 | 12,133 | 34.03 | 9,697.37 | 284.99 | 0.84 | 8,185 |
| Ridge Rd Ext | Moon Lake to Suncoast | 15302 | 15301 | 17 | 1 | 12,057 | 34.30 | 16,690.66 | 486.67 | 0.84 | 13,999 |
| Ridge Rd Ext | Moon Lake to Suncoast | 15305 | 15301 | 17 | 1 | 12,133 | 34.18 | 28,495.43 | 833.65 | 0.84 | 24,052 |
| Ridge Rd Ext | Moon Lake to Suncoast | 15305 | 15306 | 17 | 1 | 8,565 | 40.90 | 818.65 | 20.02 | 0.60 | 488 |
| Ridge Rd Ext | Moon Lake to Suncoast | 15306 | 15305 | 17 | 1 | 13,312 | 30.23 | 1,272.45 | 42.10 | 0.93 | 1,178 |
| Ridge Rd Ext | Suncoast to US 41 | 14636 | 15315 | 23 | 1 | 9,602 | 29.96 | 3,406.67 | 113.71 | 0.87 | 2,956 |
| Ridge Rd Ext | Suncoast to US 41 | 15306 | 15415 | 17 | 1 | 9,700 | 39.80 | 9,956.03 | 250.17 | 0.67 | 6,718 |
| Ridge Rd Ext | Suncoast to US 41 | 15315 | 14636 | 23 | 1 | 9,700 | 29.70 | 3,441.27 | 115.86 | 0.88 | 3,016 |
| Ridge Rd Ext | Suncoast to US 41 | 15315 | 15416 | 17 | 1 | 9,602 | 40.04 | 17,294.15 | 431.88 | 0.67 | 11,552 |
| Ridge Rd Ext | Suncoast to US 41 | 15415 | 15306 | 17 | 1 | 9,602 | 39.98 | 9,855.94 | 246.53 | 0.67 | 6,584 |
| Ridge Rd Ext | Suncoast to US 41 | 15415 | 15416 | 17 | 1 | 9,700 | 39.81 | 6,251.18 | 157.04 | 0.67 | 4,218 |
| Ridge Rd Ext | Suncoast to US 41 | 15416 | 15315 | 17 | 1 | 9,700 | 39.86 | 17,469.77 | 438.25 | 0.67 | 11,788 |
| Ridge Rd Ext | Suncoast to US 41 | 15416 | 15415 | 17 | 1 | 9,602 | 39.99 | 6,188.34 | 154.76 | 0.67 | 4,134 |
| SR 52 | Moon Lake to Suncoast | 14691 | 14693 | 23 | 4 | 17,728 | 36.50 | 6,809.17 | 186.55 | 0.52 | 3,550 |
| SR 52 | Moon Lake to Suncoast | 14691 | 14713 | 23 | 4 | 17,780 | 36.70 | 17,341.11 | 472.54 | 0.52 | 9,069 |
| SR 52 | Moon Lake to Suncoast | 14693 | 14691 | 23 | 4 | 17,780 | 36.49 | 6,829.40 | 187.18 | 0.52 | 3,571 |
| SR 52 | Moon Lake to Suncoast | 14693 | 14694 | 23 | 4 | 17,772 | 36.85 | 4,746.95 | 128.81 | 0.52 | 2,481 |
| SR 52 | Moon Lake to Suncoast | 14694 | 14693 | 23 | 4 | 17,809 | 36.84 | 4,756.87 | 129.11 | 0.52 | 2,492 |
| SR 52 | Moon Lake to Suncoast | 14694 | 14700 | 23 | 4 | 16,921 | 36.95 | 2,573.74 | 69.65 | 0.50 | 1,281 |
| SR 52 | Moon Lake to Suncoast | 14700 | 14694 | 23 | 4 | 16,954 | 36.94 | 2,578.70 | 69.80 | 0.50 | 1,286 |
| SR 52 | Moon Lake to Suncoast | 14713 | 14691 | 23 | 4 | 17,728 | 36.71 | 17,289.74 | 470.95 | 0.52 | 9,015 |
| SR 52 | Moon Lake to Suncoast | 14713 | 14718 | 23 | 4 | 17,780 | 27.15 | 3,913.44 | 144.14 | 0.73 | 2,838 |
| SR 52 | Moon Lake to Suncoast | 14718 | 14713 | 23 | 4 | 17,728 | 27.19 | 3,901.85 | 143.52 | 0.72 | 2,822 |
| SR 52 | Moon Lake to Suncoast | 14718 | 14723 | 23 | 4 | 17,778 | 27.27 | 2,284.44 | 83.78 | 0.73 | 1,657 |
| SR 52 | Moon Lake to Suncoast | 14723 | 14718 | 23 | 4 | 17,729 | 27.30 | 2,278.19 | 83.45 | 0.72 | 1,648 |
| SR 52 | Moon Lake to Suncoast | 14723 | 14727 | 23 | 4 | 18,956 | 26.06 | 1,829.21 | 70.20 | 0.77 | 1,414 |
| SR 52 | Moon Lake to Suncoast | 14727 | 14723 | 23 | 4 | 18,890 | 26.11 | 1,822.86 | 69.81 | 0.77 | 1,405 |
| SR 52 | Moon Lake to Suncoast | 14727 | 14734 | 23 | 4 | 18,956 | 25.97 | 6,333.04 | 243.84 | 0.77 | 4,897 |
| SR 52 | Moon Lake to Suncoast | 14734 | 14727 | 23 | 4 | 18,890 | 26.02 | 6,311.07 | 242.51 | 0.77 | 4,863 |
| SR 52 | Moon Lake to Suncoast | 14734 | 14738 | 23 | 4 | 19,981 | 25.29 | 3,666.53 | 144.97 | 0.82 | 2,988 |
| SR 52 | Moon Lake to Suncoast | 14738 | 14734 | 23 | 4 | 19,879 | 25.38 | 3,647.85 | 143.72 | 0.81 | 2,958 |
| SR 52 | Moon Lake to Suncoast | 14738 | 14749 | 23 | 4 | 20,102 | 24.91 | 7,194.45 | 288.85 | 0.82 | 5,899 |
| SR 52 | Moon Lake to Suncoast | 14749 | 14738 | 23 | 4 | 20,016 | 24.98 | 7,163.74 | 286.75 | 0.82 | 5,849 |
| SR 52 | Moon Lake to Suncoast | 14749 | 14752 | 23 | 4 | 10,854 | 29.41 | 1,191.81 | 40.52 | 0.44 | 528 |
| SR 52 | Moon Lake to Suncoast | 14752 | 14749 | 23 | 4 | 25,366 | 19.40 | 2,785.16 | 143.54 | 1.03 | 2,882 |
| SR 52 | Suncoast to US 41 | 14752 | 14757 | 32 | 2 | 16,736 | 22.46 | 1,678.59 | 74.74 | 0.95 | 1,598 |

Ridge Road Extension Analysis: Alternative 16 - Add Ridge Road Ext. as Two Lanes, Add Two Lanes to SR 52

| Name | From - To | A-Node | B-Node | Facility Type | Number of Lanes | Volume | C. Speed | VMT | VHT | VC Ratio LOS-E | VMT*VCE |
|-------|---------------------|--------|--------|---------------|-----------------|--------|----------|-----------|----------|----------------|---------|
| SR 52 | Suncoast to US 41 | 14757 | 14752 | 32 | 2 | 16,398 | 23.04 | 1,644.70 | 71.39 | 0.93 | 1,534 |
| SR 52 | Suncoast to US 41 | 14757 | 14767 | 32 | 2 | 16,181 | 23.90 | 8,090.31 | 338.45 | 0.92 | 7,447 |
| SR 52 | Suncoast to US 41 | 14762 | 14765 | 32 | 2 | 13,629 | 28.17 | 1,721.36 | 61.10 | 0.78 | 1,335 |
| SR 52 | Suncoast to US 41 | 14762 | 14767 | 32 | 2 | 12,735 | 29.53 | 15,003.01 | 508.15 | 0.72 | 10,870 |
| SR 52 | Suncoast to US 41 | 14765 | 14762 | 32 | 2 | 13,358 | 28.60 | 1,687.07 | 58.99 | 0.76 | 1,282 |
| SR 52 | Suncoast to US 41 | 14765 | 14773 | 32 | 2 | 13,676 | 27.87 | 3,100.29 | 111.23 | 0.78 | 2,412 |
| SR 52 | Suncoast to US 41 | 14767 | 14757 | 32 | 2 | 15,856 | 24.47 | 7,927.82 | 323.95 | 0.90 | 7,151 |
| SR 52 | Suncoast to US 41 | 14767 | 14762 | 32 | 2 | 12,979 | 29.16 | 15,291.09 | 524.37 | 0.74 | 11,291 |
| SR 52 | Suncoast to US 41 | 14773 | 14765 | 32 | 2 | 13,396 | 28.31 | 3,036.92 | 107.28 | 0.76 | 2,314 |
| SR 52 | Suncoast to US 41 | 14773 | 14774 | 32 | 2 | 13,312 | 28.73 | 6,497.80 | 226.21 | 0.76 | 4,921 |
| SR 52 | Suncoast to US 41 | 14774 | 14773 | 32 | 2 | 13,033 | 29.15 | 6,361.64 | 218.21 | 0.74 | 4,717 |
| SR 52 | Suncoast to US 41 | 14774 | 14781 | 32 | 2 | 12,431 | 29.90 | 5,442.29 | 182.03 | 0.71 | 3,849 |
| SR 52 | Suncoast to US 41 | 14781 | 14774 | 32 | 2 | 12,167 | 30.27 | 5,326.50 | 175.97 | 0.69 | 3,687 |
| SR 54 | Starkey to Suncoast | 14107 | 14109 | 23 | 3 | 30,389 | 22.64 | 27,161.30 | 1,199.83 | 1.09 | 29,726 |
| SR 54 | Starkey to Suncoast | 14107 | 14114 | 23 | 3 | 32,946 | 19.54 | 23,931.81 | 1,224.79 | 1.19 | 28,396 |
| SR 54 | Starkey to Suncoast | 14109 | 14107 | 23 | 3 | 30,235 | 22.82 | 27,023.61 | 1,184.03 | 1.09 | 29,425 |
| SR 54 | Starkey to Suncoast | 14109 | 14118 | 23 | 3 | 30,266 | 22.91 | 9,261.48 | 404.17 | 1.09 | 10,095 |
| SR 54 | Starkey to Suncoast | 14114 | 14107 | 23 | 3 | 33,048 | 19.42 | 24,005.77 | 1,235.97 | 1.19 | 28,571 |
| SR 54 | Starkey to Suncoast | 14114 | 14121 | 23 | 3 | 32,946 | 19.42 | 4,964.93 | 255.61 | 1.19 | 5,891 |
| SR 54 | Starkey to Suncoast | 14118 | 14109 | 23 | 3 | 30,138 | 23.07 | 9,222.29 | 399.75 | 1.09 | 10,010 |
| SR 54 | Starkey to Suncoast | 14118 | 14120 | 23 | 3 | 30,266 | 22.29 | 3,565.37 | 159.99 | 1.09 | 3,886 |
| SR 54 | Starkey to Suncoast | 14120 | 14118 | 23 | 3 | 30,138 | 22.44 | 3,550.28 | 158.23 | 1.09 | 3,854 |
| SR 54 | Starkey to Suncoast | 14120 | 14124 | 23 | 3 | 35,506 | 16.65 | 3,799.13 | 228.11 | 1.28 | 4,858 |
| SR 54 | Starkey to Suncoast | 14121 | 14114 | 23 | 3 | 33,048 | 19.31 | 4,980.27 | 257.94 | 1.19 | 5,927 |
| SR 54 | Starkey to Suncoast | 14124 | 14120 | 23 | 3 | 35,421 | 16.74 | 3,790.08 | 226.36 | 1.28 | 4,835 |
| SR 54 | Starkey to Suncoast | 14124 | 14151 | 23 | 3 | 38,547 | 13.72 | 28,223.94 | 2,057.43 | 1.39 | 39,182 |
| SR 54 | Starkey to Suncoast | 14151 | 14124 | 23 | 3 | 38,448 | 13.81 | 28,151.33 | 2,038.72 | 1.38 | 38,980 |
| SR 54 | Starkey to Suncoast | 14151 | 14163 | 23 | 3 | 37,903 | 14.50 | 12,121.52 | 835.81 | 1.37 | 16,547 |
| SR 54 | Starkey to Suncoast | 14163 | 14151 | 23 | 3 | 37,769 | 14.63 | 12,078.62 | 825.56 | 1.36 | 16,430 |
| SR 54 | Starkey to Suncoast | 14163 | 14167 | 23 | 3 | 37,370 | 15.10 | 7,208.65 | 477.47 | 1.35 | 9,702 |
| SR 54 | Starkey to Suncoast | 14167 | 14163 | 23 | 3 | 37,224 | 15.24 | 7,180.55 | 471.12 | 1.34 | 9,626 |
| SR 54 | Starkey to Suncoast | 14167 | 14172 | 23 | 3 | 30,261 | 22.68 | 13,553.80 | 597.56 | 1.09 | 14,771 |
| SR 54 | Starkey to Suncoast | 14172 | 14167 | 23 | 3 | 30,182 | 22.78 | 13,518.48 | 593.52 | 1.09 | 14,694 |
| SR 54 | Starkey to Suncoast | 14172 | 14177 | 23 | 3 | 30,012 | 23.03 | 13,469.59 | 584.96 | 1.08 | 14,559 |
| SR 54 | Starkey to Suncoast | 14174 | 14181 | 23 | 3 | 29,831 | 23.29 | 30,234.08 | 1,297.94 | 1.07 | 32,482 |
| SR 54 | Starkey to Suncoast | 14174 | 14199 | 23 | 3 | 26,992 | 26.67 | 13,317.66 | 499.43 | 0.97 | 12,946 |
| SR 54 | Starkey to Suncoast | 14177 | 14172 | 23 | 3 | 29,894 | 23.17 | 13,416.46 | 579.06 | 1.08 | 14,444 |
| SR 54 | Starkey to Suncoast | 14177 | 14181 | 23 | 3 | 29,504 | 23.58 | 15,997.19 | 678.47 | 1.06 | 16,998 |
| SR 54 | Starkey to Suncoast | 14181 | 14174 | 23 | 3 | 29,923 | 23.18 | 30,326.53 | 1,308.10 | 1.08 | 32,681 |
| SR 54 | Starkey to Suncoast | 14181 | 14177 | 23 | 3 | 29,411 | 23.69 | 15,946.65 | 673.12 | 1.06 | 16,891 |
| SR 54 | Starkey to Suncoast | 14199 | 14174 | 23 | 3 | 27,093 | 26.55 | 13,367.47 | 503.54 | 0.98 | 13,043 |
| SR 54 | Starkey to Suncoast | 14199 | 14210 | 23 | 3 | 27,842 | 25.87 | 5,860.68 | 226.51 | 1.00 | 5,876 |
| SR 54 | Starkey to Suncoast | 14210 | 14199 | 23 | 3 | 27,883 | 25.82 | 5,869.33 | 227.28 | 1.00 | 5,894 |
| SR 54 | Starkey to Suncoast | 14210 | 14217 | 23 | 3 | 31,182 | 21.89 | 3,592.15 | 164.08 | 1.12 | 4,034 |
| SR 54 | Starkey to Suncoast | 14217 | 14210 | 23 | 3 | 28,637 | 24.99 | 3,299.04 | 132.00 | 1.03 | 3,402 |
| SR 54 | Suncoast to US 41 | 14217 | 14227 | 23 | 3 | 32,228 | 20.58 | 9,255.84 | 449.66 | 1.16 | 10,743 |
| SR 54 | Suncoast to US 41 | 14227 | 14217 | 23 | 3 | 32,290 | 20.51 | 9,273.61 | 452.13 | 1.16 | 10,784 |
| SR 54 | Suncoast to US 41 | 14227 | 14246 | 23 | 3 | 32,228 | 20.34 | 14,431.64 | 709.47 | 1.16 | 16,750 |
| SR 54 | Suncoast to US 41 | 14246 | 14227 | 23 | 3 | 32,290 | 20.27 | 14,459.34 | 713.36 | 1.16 | 16,815 |
| SR 54 | Suncoast to US 41 | 14246 | 14257 | 23 | 3 | 28,143 | 25.20 | 11,881.80 | 471.47 | 1.01 | 12,043 |
| SR 54 | Suncoast to US 41 | 14257 | 14246 | 23 | 3 | 28,185 | 25.15 | 11,899.90 | 473.15 | 1.02 | 12,079 |
| SR 54 | Suncoast to US 41 | 14257 | 14268 | 23 | 3 | 28,141 | 25.50 | 7,716.33 | 302.55 | 1.01 | 7,820 |
| SR 54 | Suncoast to US 41 | 14268 | 14257 | 23 | 3 | 28,172 | 25.47 | 7,724.78 | 303.33 | 1.01 | 7,838 |
| SR 54 | Suncoast to US 41 | 14268 | 14285 | 23 | 3 | 26,171 | 27.64 | 24,352.01 | 881.08 | 0.94 | 22,952 |
| SR 54 | Suncoast to US 41 | 14285 | 14268 | 23 | 3 | 26,219 | 27.58 | 24,397.18 | 884.50 | 0.94 | 23,038 |
| SR 54 | Suncoast to US 41 | 14285 | 15330 | 23 | 3 | 28,237 | 25.37 | 9,716.33 | 382.98 | 1.02 | 9,881 |
| SR 54 | Suncoast to US 41 | 14313 | 14316 | 23 | 3 | 30,970 | 21.88 | 14,686.11 | 671.17 | 1.12 | 16,381 |
| SR 54 | Suncoast to US 41 | 14313 | 15330 | 23 | 3 | 27,411 | 26.16 | 15,081.28 | 576.39 | 0.99 | 14,888 |
| SR 54 | Suncoast to US 41 | 14314 | 14316 | 23 | 3 | 34,113 | 18.20 | 18,943.16 | 1,040.72 | 1.23 | 23,273 |
| SR 54 | Suncoast to US 41 | 14314 | 14329 | 23 | 3 | 36,542 | 15.67 | 13,637.43 | 870.31 | 1.32 | 17,947 |
| SR 54 | Suncoast to US 41 | 14316 | 14313 | 23 | 3 | 31,208 | 21.60 | 14,798.90 | 685.22 | 1.12 | 16,633 |

Ridge Road Extension Analysis: Alternative 16 - Add Ridge Road Ext. as Two Lanes, Add Two Lanes to SR 52

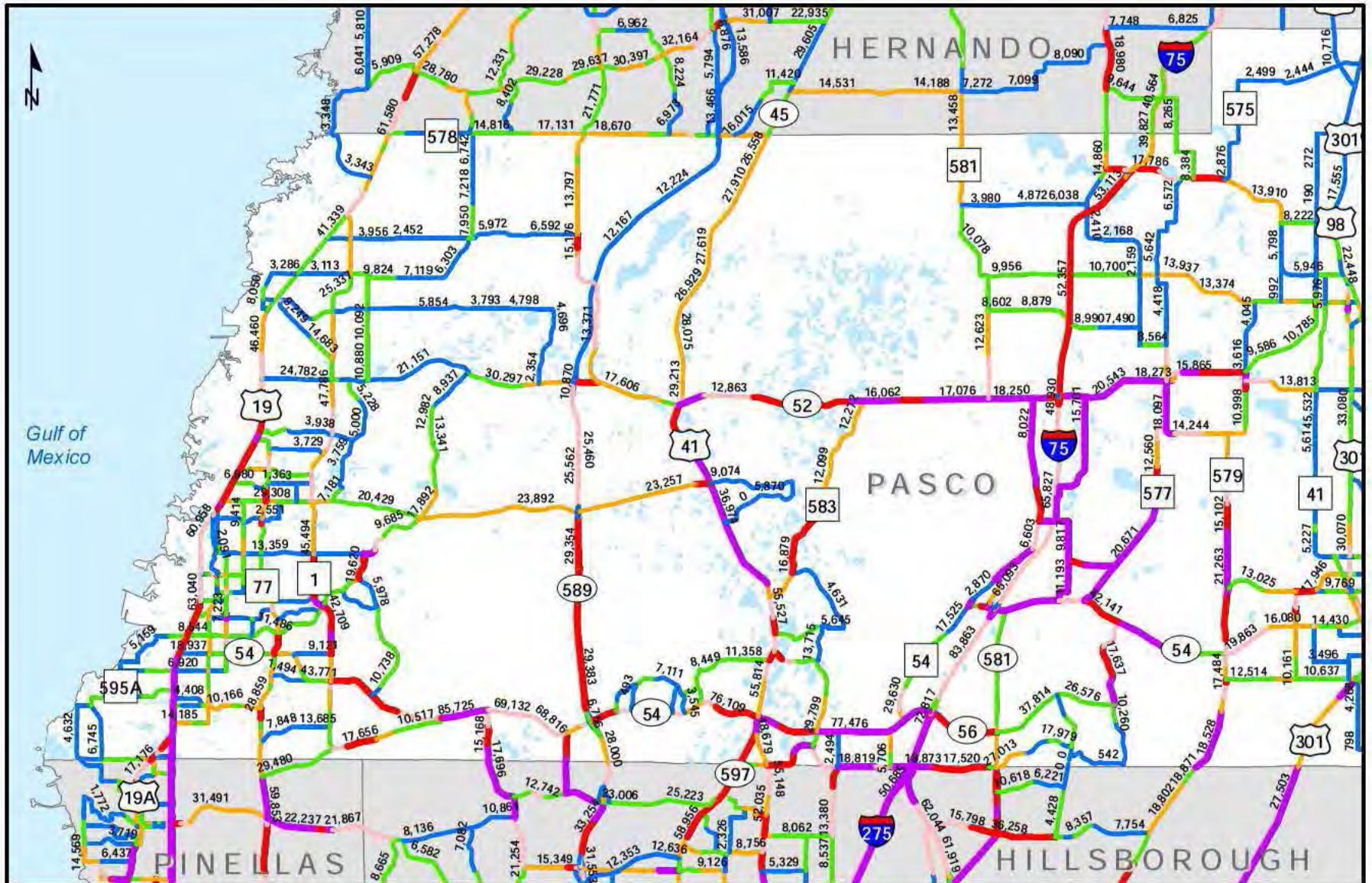
| Name | From - To | A-Node | B-Node | Facility Type | Number of Lanes | Volume | C. Speed | VMT | VHT | VC Ratio LOS-E | VMT*VCE |
|--------------|-----------------------------|--------|--------|---------------|-----------------|--------|----------|-----------|----------|----------------|---------|
| SR 54 | Suncoast to US 41 | 14316 | 14314 | 23 | 3 | 33,865 | 18.48 | 18,804.97 | 1,017.64 | 1.22 | 22,935 |
| SR 54 | Suncoast to US 41 | 14327 | 14330 | 23 | 3 | 35,429 | 16.67 | 7,996.21 | 479.67 | 1.28 | 10,203 |
| SR 54 | Suncoast to US 41 | 14329 | 14314 | 23 | 3 | 36,779 | 15.43 | 13,725.80 | 889.41 | 1.32 | 18,181 |
| SR 54 | Suncoast to US 41 | 14329 | 14330 | 23 | 3 | 35,499 | 16.78 | 4,724.93 | 281.61 | 1.28 | 6,041 |
| SR 54 | Suncoast to US 41 | 14330 | 14327 | 23 | 3 | 35,189 | 16.92 | 7,942.17 | 469.33 | 1.27 | 10,065 |
| SR 54 | Suncoast to US 41 | 14330 | 14329 | 23 | 3 | 35,739 | 16.53 | 4,756.82 | 287.83 | 1.29 | 6,123 |
| SR 54 | Suncoast to US 41 | 15330 | 14285 | 23 | 3 | 28,265 | 25.34 | 9,725.98 | 383.88 | 1.02 | 9,901 |
| SR 54 | Suncoast to US 41 | 15330 | 14313 | 23 | 3 | 27,526 | 26.03 | 15,144.62 | 581.85 | 0.99 | 15,013 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14121 | 14150 | 43 | 2 | 4,596 | 29.78 | 1,659.77 | 55.74 | 0.30 | 504 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14150 | 14121 | 43 | 2 | 4,597 | 29.78 | 1,659.98 | 55.75 | 0.30 | 504 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14150 | 14241 | 43 | 1 | 4,926 | 25.98 | 8,996.62 | 346.33 | 0.66 | 5,893 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14241 | 14150 | 43 | 1 | 4,935 | 25.95 | 9,013.39 | 347.28 | 0.66 | 5,915 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14241 | 14255 | 43 | 1 | 4,926 | 26.09 | 1,262.57 | 48.39 | 0.66 | 827 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14255 | 14241 | 43 | 1 | 4,935 | 26.07 | 1,264.92 | 48.52 | 0.66 | 830 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14255 | 14295 | 43 | 1 | 3,850 | 28.11 | 2,248.68 | 80.00 | 0.51 | 1,151 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14295 | 14255 | 43 | 1 | 3,821 | 28.15 | 2,232.13 | 79.29 | 0.51 | 1,134 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14295 | 14297 | 43 | 1 | 2,837 | 29.76 | 417.34 | 14.02 | 0.38 | 157 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14297 | 14295 | 43 | 1 | 2,814 | 29.78 | 413.96 | 13.90 | 0.37 | 155 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14297 | 14336 | 43 | 1 | 2,837 | 29.41 | 2,374.96 | 80.75 | 0.38 | 896 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14336 | 14297 | 43 | 1 | 2,814 | 29.43 | 2,355.74 | 80.05 | 0.37 | 882 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14336 | 14361 | 41 | 1 | 9,686 | 15.11 | 5,456.27 | 361.04 | 1.18 | 6,428 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14361 | 14336 | 41 | 1 | 9,619 | 15.31 | 5,418.48 | 353.81 | 1.17 | 6,339 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14361 | 14370 | 41 | 1 | 9,686 | 15.22 | 1,958.56 | 128.69 | 1.18 | 2,307 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14370 | 14361 | 41 | 1 | 9,619 | 15.42 | 1,945.00 | 126.11 | 1.17 | 2,275 |
| Suncoast | Ridge Rd Extension to SR 54 | 14213 | 14235 | 92 | 2 | 24,928 | 41.56 | 10,594.44 | 254.91 | 0.81 | 8,612 |
| Suncoast | Ridge Rd Extension to SR 54 | 14217 | 14235 | 71 | 2 | 6,194 | 29.78 | 2,524.09 | 84.75 | 0.19 | 487 |
| Suncoast | Ridge Rd Extension to SR 54 | 14233 | 14210 | 71 | 2 | 6,155 | 29.92 | 2,549.82 | 85.23 | 0.19 | 489 |
| Suncoast | Ridge Rd Extension to SR 54 | 14233 | 14211 | 92 | 2 | 24,765 | 41.11 | 10,609.45 | 258.06 | 0.81 | 8,568 |
| Suncoast | Ridge Rd Extension to SR 54 | 14235 | 14292 | 92 | 2 | 31,122 | 28.71 | 29,858.61 | 1,039.88 | 1.21 | 36,205 |
| Suncoast | Ridge Rd Extension to SR 54 | 14291 | 14233 | 92 | 2 | 30,920 | 28.87 | 29,658.29 | 1,027.16 | 1.20 | 35,728 |
| Suncoast | Ridge Rd Extension to SR 54 | 14292 | 14391 | 92 | 2 | 31,122 | 28.77 | 60,096.91 | 2,089.13 | 1.21 | 72,871 |
| Suncoast | Ridge Rd Extension to SR 54 | 14390 | 14291 | 92 | 2 | 30,920 | 29.01 | 59,870.05 | 2,063.57 | 1.20 | 72,124 |
| Suncoast | Ridge Rd Extension to SR 54 | 14391 | 14449 | 92 | 2 | 31,122 | 28.87 | 23,528.36 | 815.04 | 1.21 | 28,529 |
| Suncoast | Ridge Rd Extension to SR 54 | 14449 | 14472 | 92 | 2 | 31,122 | 28.53 | 8,820.02 | 309.15 | 1.21 | 10,695 |
| Suncoast | Ridge Rd Extension to SR 54 | 14451 | 14390 | 92 | 2 | 30,920 | 28.82 | 24,534.88 | 851.34 | 1.20 | 29,556 |
| Suncoast | Ridge Rd Extension to SR 54 | 14471 | 14451 | 92 | 2 | 30,920 | 28.90 | 7,754.69 | 268.36 | 1.20 | 9,342 |
| Suncoast | Ridge Rd Extension to SR 54 | 14472 | 14485 | 92 | 2 | 31,122 | 18.32 | 3,999.20 | 218.28 | 1.21 | 4,849 |
| Suncoast | Ridge Rd Extension to SR 54 | 14484 | 14471 | 92 | 2 | 30,920 | 13.09 | 3,790.77 | 289.64 | 1.20 | 4,567 |
| Suncoast | Ridge Rd Extension to SR 54 | 14485 | 14492 | 99 | 2 | 31,122 | 0.56 | 2,175.44 | 3,859.15 | 0.85 | 1,846 |
| Suncoast | Ridge Rd Extension to SR 54 | 14490 | 14484 | 99 | 2 | 30,920 | 0.57 | 2,179.85 | 3,834.06 | 0.84 | 1,838 |
| Suncoast | Ridge Rd Extension to SR 54 | 14492 | 14501 | 92 | 2 | 31,122 | 13.98 | 4,360.22 | 311.96 | 1.21 | 5,287 |
| Suncoast | Ridge Rd Extension to SR 54 | 14500 | 14490 | 92 | 2 | 30,920 | 19.44 | 4,372.06 | 224.86 | 1.20 | 5,267 |
| Suncoast | Ridge Rd Extension to SR 54 | 14501 | 14510 | 92 | 2 | 31,122 | 29.23 | 8,490.13 | 290.42 | 1.21 | 10,295 |
| Suncoast | Ridge Rd Extension to SR 54 | 14508 | 14500 | 92 | 2 | 30,920 | 28.70 | 7,968.04 | 277.61 | 1.20 | 9,599 |
| Suncoast | Ridge Rd Extension to SR 54 | 14510 | 15304 | 92 | 2 | 31,122 | 28.78 | 29,662.54 | 1,030.51 | 1.21 | 35,967 |
| Suncoast | Ridge Rd Extension to SR 54 | 14557 | 15303 | 92 | 2 | 26,002 | 33.70 | 7,842.13 | 232.68 | 1.01 | 7,945 |
| Suncoast | Ridge Rd Extension to SR 54 | 15303 | 14508 | 92 | 2 | 30,920 | 29.05 | 30,103.54 | 1,036.41 | 1.20 | 36,265 |
| Suncoast | Ridge Rd Extension to SR 54 | 15304 | 14558 | 92 | 2 | 26,054 | 34.16 | 7,967.35 | 233.22 | 1.02 | 8,088 |
| Suncoast | Ridge Rd Extension to SR 54 | 15304 | 15306 | 71 | 1 | 5,068 | 30.06 | 844.11 | 28.08 | 0.33 | 279 |
| Suncoast | Ridge Rd Extension to SR 54 | 15305 | 15303 | 71 | 1 | 4,918 | 29.87 | 764.20 | 25.58 | 0.32 | 245 |
| Suncoast | SR 52 to Ridge Rd Extension | 14557 | 15376 | 71 | 1 | 247 | 30.42 | 16.28 | 0.54 | 0.02 | 0 |
| Suncoast | SR 52 to Ridge Rd Extension | 14558 | 14645 | 92 | 2 | 26,277 | 33.49 | 54,354.02 | 1,623.01 | 1.02 | 55,647 |
| Suncoast | SR 52 to Ridge Rd Extension | 14644 | 14557 | 92 | 2 | 26,249 | 33.53 | 54,185.44 | 1,616.21 | 1.02 | 55,414 |
| Suncoast | SR 52 to Ridge Rd Extension | 14645 | 14722 | 92 | 2 | 26,277 | 33.59 | 30,113.47 | 896.39 | 1.02 | 30,830 |
| Suncoast | SR 52 to Ridge Rd Extension | 14722 | 14748 | 92 | 2 | 10,027 | 48.72 | 3,558.65 | 73.04 | 0.39 | 1,390 |
| Suncoast | SR 52 to Ridge Rd Extension | 14722 | 14752 | 71 | 1 | 16,250 | 20.82 | 6,256.18 | 300.44 | 1.06 | 6,621 |
| Suncoast | SR 52 to Ridge Rd Extension | 14725 | 14644 | 92 | 2 | 26,249 | 33.41 | 31,081.23 | 930.34 | 1.02 | 31,786 |
| Suncoast | SR 52 to Ridge Rd Extension | 14747 | 14725 | 92 | 2 | 10,216 | 48.65 | 3,277.14 | 67.36 | 0.40 | 1,304 |
| Suncoast | SR 52 to Ridge Rd Extension | 14749 | 14725 | 71 | 1 | 16,033 | 21.24 | 5,483.39 | 258.12 | 1.04 | 5,725 |
| Suncoast | SR 52 to Ridge Rd Extension | 15306 | 15377 | 71 | 1 | 223 | 30.35 | 13.53 | 0.45 | 0.01 | 0 |
| Suncoast | SR 52 to Ridge Rd Extension | 15375 | 15305 | 71 | 1 | 247 | 28.97 | 16.70 | 0.58 | 0.02 | 0 |

Ridge Road Extension Analysis: Alternative 16 - Add Ridge Road Ext. as Two Lanes, Add Two Lanes to SR 52

| Name | From - To | A-Node | B-Node | Facility Type | Number of Lanes | Volume | C. Speed | VMT | VHT | VC Ratio LOS-E | VMT*VCE |
|----------------|-----------------------------|--------|--------|---------------|-----------------|--------|----------|-----------|----------|----------------|-----------|
| Suncoast | SR 52 to Ridge Rd Extension | 15376 | 15375 | 99 | 2 | 247 | 0.71 | 5.46 | 7.66 | 0.01 | 0 |
| Suncoast | SR 52 to Ridge Rd Extension | 15377 | 15378 | 99 | 2 | 223 | 0.78 | 5.39 | 6.91 | 0.01 | 0 |
| Suncoast | SR 52 to Ridge Rd Extension | 15378 | 14558 | 71 | 1 | 223 | 29.97 | 14.47 | 0.48 | 0.01 | 0 |
| US 41 | Ridge Rd Extension to SR 54 | 14327 | 14350 | 23 | 3 | 26,544 | 29.77 | 12,717.33 | 427.15 | 0.87 | 11,052 |
| US 41 | Ridge Rd Extension to SR 54 | 14350 | 14327 | 23 | 3 | 26,822 | 29.51 | 12,850.29 | 435.52 | 0.88 | 11,284 |
| US 41 | Ridge Rd Extension to SR 54 | 14350 | 14357 | 23 | 3 | 26,068 | 30.94 | 3,701.72 | 119.63 | 0.85 | 3,159 |
| US 41 | Ridge Rd Extension to SR 54 | 14357 | 14350 | 23 | 3 | 26,349 | 30.67 | 3,741.59 | 121.98 | 0.86 | 3,228 |
| US 41 | Ridge Rd Extension to SR 54 | 14357 | 14388 | 23 | 3 | 28,101 | 28.26 | 15,424.81 | 545.88 | 0.92 | 14,192 |
| US 41 | Ridge Rd Extension to SR 54 | 14388 | 14357 | 23 | 3 | 28,375 | 27.98 | 15,574.78 | 556.71 | 0.93 | 14,469 |
| US 41 | Ridge Rd Extension to SR 54 | 14388 | 14415 | 23 | 3 | 28,101 | 25.53 | 14,143.39 | 554.02 | 1.01 | 14,314 |
| US 41 | Ridge Rd Extension to SR 54 | 14415 | 14388 | 23 | 3 | 28,375 | 25.20 | 14,280.90 | 566.74 | 1.02 | 14,594 |
| US 41 | Ridge Rd Extension to SR 54 | 14415 | 14443 | 23 | 3 | 31,520 | 21.04 | 8,494.60 | 403.72 | 1.14 | 9,643 |
| US 41 | Ridge Rd Extension to SR 54 | 14443 | 14415 | 23 | 3 | 31,653 | 20.88 | 8,530.52 | 408.46 | 1.14 | 9,725 |
| US 41 | Ridge Rd Extension to SR 54 | 14443 | 14491 | 23 | 3 | 27,393 | 26.30 | 14,786.73 | 562.33 | 0.99 | 14,588 |
| US 41 | Ridge Rd Extension to SR 54 | 14491 | 14443 | 23 | 3 | 27,401 | 26.29 | 14,791.15 | 562.71 | 0.99 | 14,596 |
| US 41 | Ridge Rd Extension to SR 54 | 14491 | 14503 | 23 | 3 | 32,532 | 20.02 | 6,987.82 | 349.02 | 1.17 | 8,187 |
| US 41 | Ridge Rd Extension to SR 54 | 14503 | 14491 | 23 | 3 | 32,551 | 20.00 | 6,991.90 | 349.61 | 1.17 | 8,197 |
| US 41 | Ridge Rd Extension to SR 54 | 14503 | 14509 | 23 | 3 | 29,816 | 23.46 | 6,651.99 | 283.56 | 1.07 | 7,143 |
| US 41 | Ridge Rd Extension to SR 54 | 14509 | 14503 | 23 | 3 | 29,838 | 23.43 | 6,656.89 | 284.09 | 1.07 | 7,153 |
| US 41 | Ridge Rd Extension to SR 54 | 14509 | 14531 | 23 | 3 | 27,829 | 25.78 | 17,326.59 | 671.99 | 1.00 | 17,366 |
| US 41 | Ridge Rd Extension to SR 54 | 14531 | 14509 | 23 | 3 | 27,872 | 25.73 | 17,353.05 | 674.35 | 1.00 | 17,419 |
| US 41 | Ridge Rd Extension to SR 54 | 14531 | 14541 | 23 | 3 | 24,592 | 29.18 | 8,961.19 | 307.06 | 0.89 | 7,936 |
| US 41 | Ridge Rd Extension to SR 54 | 14541 | 14531 | 23 | 3 | 24,660 | 29.11 | 8,986.03 | 308.68 | 0.89 | 7,981 |
| US 41 | Ridge Rd Extension to SR 54 | 14541 | 14550 | 23 | 2 | 24,296 | 15.84 | 10,957.37 | 691.96 | 1.31 | 14,381 |
| US 41 | Ridge Rd Extension to SR 54 | 14550 | 14541 | 23 | 2 | 24,372 | 15.72 | 10,991.76 | 699.25 | 1.32 | 14,472 |
| US 41 | Ridge Rd Extension to SR 54 | 14550 | 14552 | 23 | 2 | 24,296 | 15.69 | 5,964.60 | 380.09 | 1.31 | 7,828 |
| US 41 | Ridge Rd Extension to SR 54 | 14552 | 14550 | 23 | 2 | 24,372 | 15.58 | 5,983.32 | 384.09 | 1.32 | 7,878 |
| US 41 | Ridge Rd Extension to SR 54 | 14552 | 14559 | 23 | 2 | 24,040 | 16.08 | 7,865.75 | 489.28 | 1.30 | 10,215 |
| US 41 | Ridge Rd Extension to SR 54 | 14559 | 14552 | 23 | 2 | 24,112 | 15.97 | 7,889.39 | 494.15 | 1.30 | 10,276 |
| US 41 | Ridge Rd Extension to SR 54 | 14559 | 14565 | 23 | 2 | 23,145 | 4.32 | 6,793.12 | 1,572.02 | 1.89 | 12,827 |
| US 41 | Ridge Rd Extension to SR 54 | 14565 | 14559 | 23 | 2 | 23,207 | 4.28 | 6,811.39 | 1,590.85 | 1.89 | 12,896 |
| US 41 | Ridge Rd Extension to SR 54 | 14565 | 14578 | 23 | 2 | 20,936 | 6.05 | 14,127.89 | 2,336.54 | 1.71 | 24,131 |
| US 41 | Ridge Rd Extension to SR 54 | 14578 | 14565 | 23 | 2 | 20,965 | 6.02 | 14,147.45 | 2,350.18 | 1.71 | 24,197 |
| US 41 | Ridge Rd Extension to SR 54 | 14578 | 14630 | 23 | 2 | 18,735 | 8.49 | 21,404.33 | 2,519.98 | 1.53 | 32,714 |
| US 41 | Ridge Rd Extension to SR 54 | 14630 | 14578 | 23 | 2 | 18,780 | 8.44 | 21,455.73 | 2,543.59 | 1.53 | 32,871 |
| US 41 | Ridge Rd Extension to SR 54 | 14630 | 14636 | 23 | 2 | 19,281 | 7.81 | 4,798.65 | 614.47 | 1.57 | 7,548 |
| US 41 | Ridge Rd Extension to SR 54 | 14636 | 14630 | 23 | 2 | 19,322 | 7.76 | 4,808.85 | 619.68 | 1.58 | 7,580 |
| US 41 | SR 52 to Ridge Rd Extension | 14636 | 14662 | 31 | 1 | 21,580 | 16.25 | 9,607.30 | 591.34 | 1.35 | 12,958 |
| US 41 | SR 52 to Ridge Rd Extension | 14662 | 14636 | 31 | 1 | 21,560 | 16.28 | 9,598.45 | 589.47 | 1.35 | 12,934 |
| US 41 | SR 52 to Ridge Rd Extension | 14662 | 14671 | 31 | 1 | 20,320 | 19.10 | 3,033.76 | 158.83 | 1.27 | 3,853 |
| US 41 | SR 52 to Ridge Rd Extension | 14671 | 14662 | 31 | 1 | 20,303 | 19.14 | 3,031.24 | 158.41 | 1.27 | 3,846 |
| US 41 | SR 52 to Ridge Rd Extension | 14671 | 14676 | 31 | 1 | 20,149 | 18.97 | 3,211.75 | 169.33 | 1.26 | 4,045 |
| US 41 | SR 52 to Ridge Rd Extension | 14676 | 14671 | 31 | 1 | 20,134 | 19.00 | 3,209.37 | 168.93 | 1.26 | 4,039 |
| US 41 | SR 52 to Ridge Rd Extension | 14676 | 14687 | 31 | 1 | 20,149 | 19.27 | 5,391.87 | 279.76 | 1.26 | 6,790 |
| US 41 | SR 52 to Ridge Rd Extension | 14687 | 14676 | 31 | 1 | 20,134 | 19.30 | 5,387.88 | 279.10 | 1.26 | 6,780 |
| US 41 | SR 52 to Ridge Rd Extension | 14687 | 14692 | 31 | 1 | 19,946 | 19.80 | 2,399.47 | 121.21 | 1.25 | 2,991 |
| US 41 | SR 52 to Ridge Rd Extension | 14692 | 14687 | 31 | 1 | 19,944 | 19.80 | 2,399.24 | 121.18 | 1.25 | 2,991 |
| US 41 | SR 52 to Ridge Rd Extension | 14692 | 14701 | 31 | 1 | 19,946 | 19.28 | 3,436.65 | 178.26 | 1.25 | 4,284 |
| US 41 | SR 52 to Ridge Rd Extension | 14701 | 14692 | 31 | 1 | 19,944 | 19.28 | 3,436.32 | 178.20 | 1.25 | 4,283 |
| US 41 | SR 52 to Ridge Rd Extension | 14701 | 14717 | 31 | 1 | 19,946 | 19.66 | 9,113.21 | 463.47 | 1.25 | 11,361 |
| US 41 | SR 52 to Ridge Rd Extension | 14717 | 14701 | 31 | 1 | 19,944 | 19.67 | 9,112.34 | 463.33 | 1.25 | 11,358 |
| US 41 | SR 52 to Ridge Rd Extension | 14717 | 14781 | 31 | 1 | 19,251 | 21.14 | 15,820.84 | 748.41 | 1.20 | 19,036 |
| US 41 | SR 52 to Ridge Rd Extension | 14781 | 14717 | 31 | 1 | 19,245 | 21.15 | 15,815.53 | 747.66 | 1.20 | 19,023 |
| Totals: | | | | | | | | 2,308,477 | 111,917 | | 2,429,025 |

Avg. Speed: 20.63 Weighted VC Ratio: 1.052

C-3-58



**Tindale
Oliver**

Legend

V/C Ratio (LOS E) — >0.5-0.8 — >0.95-1.05 — >1.2
— < 0.5 — >0.8-0.95 — >1.05-1.2



Alternative 17
 Ridge Road Extension Analysis - TBRPM Model
 Peak Season Daily Traffic Volume (Two-way)
 and V/C Ratio by Roadway Segment

Ridge Road Extension Analysis: Alternative 17 - Add Ridge Road Ext. as Two Lanes, Add Two Lanes to SR 54

| Name | From - To | A-Node | B-Node | Facility Type | Number of Lanes | Volume | C. Speed | VMT | VHT | VC Ratio LOS-E | VMT*VCE |
|---------------|------------------------------|--------|--------|---------------|-----------------|--------|----------|-----------|--------|----------------|---------|
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14370 | 14373 | 41 | 1 | 10,810 | 12.22 | 2,143.58 | 175.48 | 1.31 | 2,818 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14373 | 14370 | 41 | 1 | 10,823 | 12.18 | 2,146.12 | 176.15 | 1.32 | 2,825 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14373 | 14381 | 41 | 1 | 10,810 | 11.97 | 1,560.93 | 130.36 | 1.31 | 2,052 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14381 | 14373 | 41 | 1 | 10,823 | 11.94 | 1,562.78 | 130.86 | 1.32 | 2,057 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14381 | 14407 | 41 | 1 | 8,580 | 18.68 | 4,648.81 | 248.91 | 1.04 | 4,851 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14407 | 14381 | 41 | 1 | 8,576 | 18.69 | 4,646.59 | 248.60 | 1.04 | 4,847 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14407 | 14439 | 41 | 1 | 4,862 | 30.24 | 3,260.83 | 107.81 | 0.59 | 1,928 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14439 | 14407 | 41 | 1 | 4,823 | 30.33 | 3,234.69 | 106.66 | 0.59 | 1,897 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14439 | 14470 | 41 | 2 | 10,186 | 30.17 | 5,267.43 | 174.57 | 0.60 | 3,185 |
| DeCubellis Rd | Moon Lake Rd to Starkey Blvd | 14470 | 14439 | 41 | 2 | 10,203 | 30.15 | 5,276.17 | 174.97 | 0.61 | 3,196 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14470 | 14528 | 32 | 1 | 8,951 | 26.02 | 10,176.01 | 391.07 | 0.85 | 8,647 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14528 | 14470 | 32 | 1 | 8,941 | 26.05 | 10,165.25 | 390.25 | 0.85 | 8,629 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14528 | 14551 | 32 | 1 | 5,685 | 33.49 | 3,629.52 | 108.38 | 0.54 | 1,959 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14551 | 14528 | 32 | 1 | 5,664 | 33.52 | 3,616.08 | 107.88 | 0.54 | 1,945 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14551 | 14568 | 32 | 1 | 6,680 | 31.45 | 3,589.85 | 114.13 | 0.63 | 2,277 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14568 | 14551 | 32 | 1 | 6,661 | 31.49 | 3,579.67 | 113.67 | 0.63 | 2,264 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14568 | 14585 | 32 | 1 | 6,680 | 31.63 | 4,211.76 | 133.15 | 0.63 | 2,671 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14585 | 14568 | 32 | 1 | 6,661 | 31.67 | 4,199.82 | 132.61 | 0.63 | 2,656 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14585 | 14623 | 32 | 1 | 6,507 | 32.00 | 3,949.77 | 123.42 | 0.62 | 2,440 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14623 | 14585 | 32 | 1 | 6,475 | 32.06 | 3,930.51 | 122.59 | 0.61 | 2,416 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14623 | 14700 | 32 | 1 | 4,405 | 34.89 | 5,844.13 | 167.50 | 0.42 | 2,444 |
| Moon Lake Rd | SR 52 to Ridge Rd | 14700 | 14623 | 32 | 1 | 4,532 | 34.78 | 6,012.87 | 172.90 | 0.43 | 2,587 |
| Ridge Rd Ext | Moon Lake to Suncoast | 14470 | 15302 | 17 | 1 | 11,943 | 34.54 | 9,545.35 | 276.38 | 0.83 | 7,930 |
| Ridge Rd Ext | Moon Lake to Suncoast | 15301 | 15302 | 17 | 1 | 11,949 | 34.58 | 16,540.99 | 478.28 | 0.83 | 13,749 |
| Ridge Rd Ext | Moon Lake to Suncoast | 15301 | 15305 | 17 | 1 | 11,943 | 34.69 | 28,048.73 | 808.49 | 0.83 | 23,303 |
| Ridge Rd Ext | Moon Lake to Suncoast | 15302 | 14470 | 17 | 1 | 11,949 | 34.52 | 9,549.71 | 276.63 | 0.83 | 7,938 |
| Ridge Rd Ext | Moon Lake to Suncoast | 15302 | 15301 | 17 | 1 | 11,943 | 34.60 | 16,533.43 | 477.86 | 0.83 | 13,736 |
| Ridge Rd Ext | Moon Lake to Suncoast | 15305 | 15301 | 17 | 1 | 11,949 | 34.68 | 28,061.56 | 809.20 | 0.83 | 23,325 |
| Ridge Rd Ext | Moon Lake to Suncoast | 15305 | 15306 | 17 | 1 | 10,021 | 38.44 | 957.86 | 24.92 | 0.70 | 668 |
| Ridge Rd Ext | Moon Lake to Suncoast | 15306 | 15305 | 17 | 1 | 13,848 | 28.68 | 1,323.60 | 46.14 | 0.96 | 1,275 |
| Ridge Rd Ext | Suncoast to US 41 | 14636 | 15315 | 23 | 1 | 11,595 | 24.32 | 5,022.14 | 206.47 | 1.05 | 5,262 |
| Ridge Rd Ext | Suncoast to US 41 | 15306 | 15415 | 17 | 1 | 11,662 | 35.38 | 11,970.06 | 338.35 | 0.81 | 9,711 |
| Ridge Rd Ext | Suncoast to US 41 | 15315 | 14636 | 23 | 1 | 11,662 | 24.12 | 5,051.40 | 209.45 | 1.05 | 5,323 |
| Ridge Rd Ext | Suncoast to US 41 | 15315 | 15416 | 17 | 1 | 11,595 | 35.54 | 19,974.39 | 561.99 | 0.81 | 16,111 |
| Ridge Rd Ext | Suncoast to US 41 | 15415 | 15306 | 17 | 1 | 11,595 | 35.55 | 11,900.71 | 334.75 | 0.81 | 9,599 |
| Ridge Rd Ext | Suncoast to US 41 | 15415 | 15416 | 17 | 1 | 11,662 | 35.39 | 7,515.75 | 212.40 | 0.81 | 6,097 |
| Ridge Rd Ext | Suncoast to US 41 | 15416 | 15315 | 17 | 1 | 11,662 | 35.37 | 20,090.79 | 568.04 | 0.81 | 16,299 |
| Ridge Rd Ext | Suncoast to US 41 | 15416 | 15415 | 17 | 1 | 11,595 | 35.56 | 7,472.21 | 210.13 | 0.81 | 6,027 |
| SR 52 | Moon Lake to Suncoast | 14691 | 14693 | 23 | 3 | 15,035 | 36.30 | 5,774.89 | 159.08 | 0.54 | 3,127 |
| SR 52 | Moon Lake to Suncoast | 14691 | 14713 | 23 | 3 | 15,262 | 36.42 | 14,884.94 | 408.67 | 0.55 | 8,182 |
| SR 52 | Moon Lake to Suncoast | 14693 | 14691 | 23 | 3 | 15,262 | 36.21 | 5,862.10 | 161.88 | 0.55 | 3,222 |
| SR 52 | Moon Lake to Suncoast | 14693 | 14694 | 23 | 3 | 15,117 | 36.63 | 4,037.66 | 110.22 | 0.54 | 2,198 |
| SR 52 | Moon Lake to Suncoast | 14694 | 14693 | 23 | 3 | 15,340 | 36.54 | 4,097.23 | 112.12 | 0.55 | 2,264 |
| SR 52 | Moon Lake to Suncoast | 14694 | 14700 | 23 | 3 | 14,512 | 36.73 | 2,207.27 | 60.10 | 0.52 | 1,154 |
| SR 52 | Moon Lake to Suncoast | 14700 | 14694 | 23 | 3 | 14,561 | 36.71 | 2,214.73 | 60.33 | 0.52 | 1,161 |
| SR 52 | Moon Lake to Suncoast | 14713 | 14691 | 23 | 3 | 15,035 | 36.51 | 14,663.49 | 401.62 | 0.54 | 7,940 |
| SR 52 | Moon Lake to Suncoast | 14713 | 14718 | 23 | 3 | 15,262 | 25.07 | 3,359.15 | 133.99 | 0.83 | 2,788 |
| SR 52 | Moon Lake to Suncoast | 14718 | 14713 | 23 | 3 | 15,035 | 25.34 | 3,309.17 | 130.59 | 0.82 | 2,706 |
| SR 52 | Moon Lake to Suncoast | 14718 | 14723 | 23 | 3 | 15,262 | 25.17 | 1,961.22 | 77.91 | 0.83 | 1,628 |
| SR 52 | Moon Lake to Suncoast | 14723 | 14718 | 23 | 3 | 15,036 | 25.44 | 1,932.17 | 75.94 | 0.82 | 1,580 |
| SR 52 | Moon Lake to Suncoast | 14723 | 14727 | 23 | 3 | 16,427 | 23.40 | 1,585.21 | 67.73 | 0.89 | 1,416 |
| SR 52 | Moon Lake to Suncoast | 14727 | 14723 | 23 | 3 | 16,186 | 23.72 | 1,561.94 | 65.85 | 0.88 | 1,375 |
| SR 52 | Moon Lake to Suncoast | 14727 | 14734 | 23 | 3 | 16,427 | 23.33 | 5,488.26 | 235.28 | 0.89 | 4,903 |
| SR 52 | Moon Lake to Suncoast | 14734 | 14727 | 23 | 3 | 16,186 | 23.64 | 5,407.72 | 228.73 | 0.88 | 4,760 |
| SR 52 | Moon Lake to Suncoast | 14734 | 14738 | 23 | 3 | 17,433 | 22.11 | 3,198.89 | 144.66 | 0.95 | 3,033 |
| SR 52 | Moon Lake to Suncoast | 14738 | 14734 | 23 | 3 | 17,138 | 22.52 | 3,144.88 | 139.63 | 0.93 | 2,931 |
| SR 52 | Moon Lake to Suncoast | 14738 | 14749 | 23 | 3 | 17,528 | 21.73 | 6,273.33 | 288.63 | 0.95 | 5,980 |
| SR 52 | Moon Lake to Suncoast | 14749 | 14738 | 23 | 3 | 17,260 | 22.11 | 6,177.29 | 279.42 | 0.94 | 5,799 |
| SR 52 | Moon Lake to Suncoast | 14749 | 14752 | 23 | 3 | 8,462 | 29.32 | 929.15 | 31.69 | 0.46 | 428 |
| SR 52 | Moon Lake to Suncoast | 14752 | 14749 | 23 | 3 | 21,532 | 15.83 | 2,364.18 | 149.34 | 1.17 | 2,769 |
| SR 52 | Suncoast to US 41 | 14752 | 14757 | 32 | 1 | 13,207 | 14.10 | 1,324.67 | 93.94 | 1.25 | 1,661 |

Ridge Road Extension Analysis: Alternative 17 - Add Ridge Road Ext. as Two Lanes, Add Two Lanes to SR 54

| Name | From - To | A-Node | B-Node | Facility Type | Number of Lanes | Volume | C. Speed | VMT | VHT | VC Ratio LOS-E | VMT*VCE |
|-------|---------------------|--------|--------|---------------|-----------------|--------|----------|-----------|----------|----------------|---------|
| SR 52 | Suncoast to US 41 | 14757 | 14752 | 32 | 1 | 12,983 | 14.61 | 1,302.24 | 89.12 | 1.23 | 1,605 |
| SR 52 | Suncoast to US 41 | 14757 | 14767 | 32 | 1 | 12,617 | 15.80 | 6,308.74 | 399.21 | 1.20 | 7,557 |
| SR 52 | Suncoast to US 41 | 14762 | 14765 | 32 | 1 | 9,518 | 24.38 | 1,202.12 | 49.30 | 0.90 | 1,086 |
| SR 52 | Suncoast to US 41 | 14762 | 14767 | 32 | 1 | 8,754 | 26.56 | 10,313.10 | 388.36 | 0.83 | 8,571 |
| SR 52 | Suncoast to US 41 | 14765 | 14762 | 32 | 1 | 9,391 | 24.75 | 1,186.07 | 47.92 | 0.89 | 1,057 |
| SR 52 | Suncoast to US 41 | 14765 | 14773 | 32 | 1 | 9,596 | 23.96 | 2,175.51 | 90.79 | 0.91 | 1,982 |
| SR 52 | Suncoast to US 41 | 14767 | 14757 | 32 | 1 | 12,413 | 16.31 | 6,206.27 | 380.42 | 1.18 | 7,314 |
| SR 52 | Suncoast to US 41 | 14767 | 14762 | 32 | 1 | 8,852 | 26.28 | 10,428.70 | 396.83 | 0.84 | 8,764 |
| SR 52 | Suncoast to US 41 | 14773 | 14765 | 32 | 1 | 9,456 | 24.37 | 2,143.74 | 87.98 | 0.90 | 1,925 |
| SR 52 | Suncoast to US 41 | 14773 | 14774 | 32 | 1 | 9,240 | 25.24 | 4,509.90 | 178.69 | 0.88 | 3,956 |
| SR 52 | Suncoast to US 41 | 14774 | 14773 | 32 | 1 | 9,101 | 25.64 | 4,442.25 | 173.27 | 0.86 | 3,838 |
| SR 52 | Suncoast to US 41 | 14774 | 14781 | 32 | 1 | 8,399 | 27.47 | 3,677.17 | 133.85 | 0.80 | 2,932 |
| SR 52 | Suncoast to US 41 | 14781 | 14774 | 32 | 1 | 8,298 | 27.75 | 3,632.86 | 130.94 | 0.79 | 2,862 |
| SR 54 | Starkey to Suncoast | 14107 | 14109 | 23 | 4 | 35,082 | 24.74 | 31,355.99 | 1,267.41 | 1.03 | 32,353 |
| SR 54 | Starkey to Suncoast | 14107 | 14114 | 23 | 4 | 36,722 | 23.04 | 26,674.78 | 1,157.88 | 1.08 | 28,810 |
| SR 54 | Starkey to Suncoast | 14109 | 14107 | 23 | 4 | 34,960 | 24.86 | 31,247.10 | 1,256.91 | 1.03 | 32,129 |
| SR 54 | Starkey to Suncoast | 14109 | 14118 | 23 | 4 | 34,959 | 25.00 | 10,697.42 | 427.86 | 1.03 | 10,999 |
| SR 54 | Starkey to Suncoast | 14114 | 14107 | 23 | 4 | 36,822 | 22.94 | 26,747.49 | 1,166.03 | 1.08 | 28,968 |
| SR 54 | Starkey to Suncoast | 14114 | 14121 | 23 | 4 | 36,722 | 22.90 | 5,533.99 | 241.65 | 1.08 | 5,977 |
| SR 54 | Starkey to Suncoast | 14118 | 14109 | 23 | 4 | 34,848 | 25.11 | 10,663.51 | 424.64 | 1.02 | 10,929 |
| SR 54 | Starkey to Suncoast | 14118 | 14120 | 23 | 4 | 34,959 | 24.32 | 4,118.16 | 169.36 | 1.03 | 4,234 |
| SR 54 | Starkey to Suncoast | 14120 | 14118 | 23 | 4 | 34,848 | 24.42 | 4,105.10 | 168.09 | 1.02 | 4,207 |
| SR 54 | Starkey to Suncoast | 14120 | 14124 | 23 | 4 | 39,772 | 20.01 | 4,255.61 | 212.71 | 1.17 | 4,978 |
| SR 54 | Starkey to Suncoast | 14121 | 14114 | 23 | 4 | 36,822 | 22.80 | 5,549.07 | 243.34 | 1.08 | 6,010 |
| SR 54 | Starkey to Suncoast | 14124 | 14120 | 23 | 4 | 39,630 | 20.14 | 4,240.45 | 210.54 | 1.17 | 4,943 |
| SR 54 | Starkey to Suncoast | 14124 | 14151 | 23 | 4 | 42,940 | 17.17 | 31,440.87 | 1,831.47 | 1.26 | 39,708 |
| SR 54 | Starkey to Suncoast | 14151 | 14124 | 23 | 4 | 42,784 | 17.30 | 31,326.73 | 1,810.42 | 1.26 | 39,420 |
| SR 54 | Starkey to Suncoast | 14151 | 14163 | 23 | 4 | 42,318 | 17.95 | 13,533.22 | 753.85 | 1.24 | 16,844 |
| SR 54 | Starkey to Suncoast | 14163 | 14151 | 23 | 4 | 42,173 | 18.08 | 13,486.88 | 745.82 | 1.24 | 16,729 |
| SR 54 | Starkey to Suncoast | 14163 | 14167 | 23 | 4 | 41,802 | 18.52 | 8,063.64 | 435.42 | 1.23 | 9,914 |
| SR 54 | Starkey to Suncoast | 14167 | 14163 | 23 | 4 | 41,664 | 18.65 | 8,037.06 | 431.02 | 1.23 | 9,849 |
| SR 54 | Starkey to Suncoast | 14167 | 14172 | 23 | 4 | 34,757 | 24.94 | 15,567.57 | 624.22 | 1.02 | 15,914 |
| SR 54 | Starkey to Suncoast | 14172 | 14167 | 23 | 4 | 34,787 | 24.91 | 15,581.01 | 625.49 | 1.02 | 15,942 |
| SR 54 | Starkey to Suncoast | 14172 | 14177 | 23 | 4 | 34,570 | 25.17 | 15,514.88 | 616.33 | 1.02 | 15,775 |
| SR 54 | Starkey to Suncoast | 14174 | 14181 | 23 | 4 | 34,402 | 25.39 | 34,866.88 | 1,373.27 | 1.01 | 35,280 |
| SR 54 | Starkey to Suncoast | 14174 | 14199 | 23 | 4 | 31,119 | 28.48 | 15,354.06 | 539.13 | 0.92 | 14,053 |
| SR 54 | Starkey to Suncoast | 14177 | 14172 | 23 | 4 | 34,562 | 25.18 | 15,511.38 | 616.01 | 1.02 | 15,768 |
| SR 54 | Starkey to Suncoast | 14177 | 14181 | 23 | 4 | 34,049 | 25.61 | 18,461.57 | 720.76 | 1.00 | 18,488 |
| SR 54 | Starkey to Suncoast | 14181 | 14174 | 23 | 4 | 34,413 | 25.38 | 34,878.01 | 1,374.29 | 1.01 | 35,302 |
| SR 54 | Starkey to Suncoast | 14181 | 14177 | 23 | 4 | 34,049 | 25.61 | 18,461.58 | 720.76 | 1.00 | 18,488 |
| SR 54 | Starkey to Suncoast | 14199 | 14174 | 23 | 4 | 31,734 | 27.91 | 15,657.77 | 560.98 | 0.93 | 14,614 |
| SR 54 | Starkey to Suncoast | 14199 | 14210 | 23 | 4 | 31,998 | 27.90 | 6,735.62 | 241.44 | 0.94 | 6,339 |
| SR 54 | Starkey to Suncoast | 14210 | 14199 | 23 | 4 | 32,623 | 27.30 | 6,867.23 | 251.53 | 0.96 | 6,589 |
| SR 54 | Starkey to Suncoast | 14210 | 14217 | 23 | 4 | 34,679 | 25.38 | 3,995.02 | 157.42 | 1.02 | 4,075 |
| SR 54 | Starkey to Suncoast | 14217 | 14210 | 23 | 4 | 33,107 | 26.93 | 3,813.88 | 141.65 | 0.97 | 3,714 |
| SR 54 | Suncoast to US 41 | 14217 | 14227 | 23 | 4 | 35,895 | 24.10 | 10,308.93 | 427.75 | 1.06 | 10,883 |
| SR 54 | Suncoast to US 41 | 14227 | 14217 | 23 | 4 | 35,676 | 24.32 | 10,246.06 | 421.33 | 1.05 | 10,751 |
| SR 54 | Suncoast to US 41 | 14227 | 14246 | 23 | 4 | 35,895 | 23.82 | 16,073.60 | 674.89 | 1.06 | 16,969 |
| SR 54 | Suncoast to US 41 | 14246 | 14227 | 23 | 4 | 35,676 | 24.03 | 15,975.58 | 664.77 | 1.05 | 16,763 |
| SR 54 | Suncoast to US 41 | 14246 | 14257 | 23 | 4 | 32,752 | 26.85 | 13,827.83 | 515.02 | 0.96 | 13,320 |
| SR 54 | Suncoast to US 41 | 14257 | 14246 | 23 | 4 | 32,513 | 27.08 | 13,726.96 | 506.99 | 0.96 | 13,127 |
| SR 54 | Suncoast to US 41 | 14257 | 14268 | 23 | 4 | 32,749 | 27.17 | 8,979.76 | 330.47 | 0.96 | 8,649 |
| SR 54 | Suncoast to US 41 | 14268 | 14257 | 23 | 4 | 32,499 | 27.41 | 8,911.24 | 325.08 | 0.96 | 8,518 |
| SR 54 | Suncoast to US 41 | 14268 | 14285 | 23 | 4 | 30,756 | 28.83 | 28,618.90 | 992.74 | 0.90 | 25,889 |
| SR 54 | Suncoast to US 41 | 14285 | 14268 | 23 | 4 | 30,545 | 29.02 | 28,421.81 | 979.43 | 0.90 | 25,533 |
| SR 54 | Suncoast to US 41 | 14285 | 15330 | 23 | 4 | 32,932 | 26.98 | 11,331.78 | 420.05 | 0.97 | 10,976 |
| SR 54 | Suncoast to US 41 | 14313 | 14316 | 23 | 4 | 34,783 | 24.97 | 16,493.94 | 660.55 | 1.02 | 16,874 |
| SR 54 | Suncoast to US 41 | 14313 | 15330 | 23 | 4 | 31,005 | 28.58 | 17,058.84 | 596.95 | 0.91 | 15,556 |
| SR 54 | Suncoast to US 41 | 14314 | 14316 | 23 | 4 | 37,988 | 21.77 | 21,094.70 | 968.77 | 1.12 | 23,569 |
| SR 54 | Suncoast to US 41 | 14314 | 14329 | 23 | 4 | 40,782 | 19.16 | 15,219.72 | 794.53 | 1.20 | 18,255 |
| SR 54 | Suncoast to US 41 | 14316 | 14313 | 23 | 4 | 34,634 | 25.12 | 16,423.45 | 653.91 | 1.02 | 16,730 |

Ridge Road Extension Analysis: Alternative 17 - Add Ridge Road Ext. as Two Lanes, Add Two Lanes to SR 54

| Name | From - To | A-Node | B-Node | Facility Type | Number of Lanes | Volume | C. Speed | VMT | VHT | VC Ratio LOS-E | VMT*VCE |
|--------------|-----------------------------|--------|--------|---------------|-----------------|--------|----------|-----------|----------|----------------|---------|
| SR 54 | Suncoast to US 41 | 14316 | 14314 | 23 | 4 | 38,121 | 21.65 | 21,168.36 | 977.95 | 1.12 | 23,734 |
| SR 54 | Suncoast to US 41 | 14327 | 14330 | 23 | 4 | 39,237 | 20.43 | 8,855.83 | 433.38 | 1.15 | 10,220 |
| SR 54 | Suncoast to US 41 | 14329 | 14314 | 23 | 4 | 40,635 | 19.29 | 15,165.11 | 786.08 | 1.20 | 18,125 |
| SR 54 | Suncoast to US 41 | 14329 | 14330 | 23 | 4 | 39,708 | 20.21 | 5,285.14 | 261.55 | 1.17 | 6,172 |
| SR 54 | Suncoast to US 41 | 14330 | 14327 | 23 | 4 | 39,379 | 20.30 | 8,887.92 | 437.85 | 1.16 | 10,294 |
| SR 54 | Suncoast to US 41 | 14330 | 14329 | 23 | 4 | 39,563 | 20.35 | 5,265.84 | 258.82 | 1.16 | 6,127 |
| SR 54 | Suncoast to US 41 | 15330 | 14285 | 23 | 4 | 32,564 | 27.33 | 11,205.20 | 409.98 | 0.96 | 10,732 |
| SR 54 | Suncoast to US 41 | 15330 | 14313 | 23 | 4 | 31,966 | 27.69 | 17,587.49 | 635.18 | 0.94 | 16,535 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14121 | 14150 | 43 | 2 | 5,065 | 29.65 | 1,829.00 | 61.68 | 0.33 | 612 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14150 | 14121 | 43 | 2 | 5,035 | 29.66 | 1,818.28 | 61.30 | 0.33 | 604 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14150 | 14241 | 43 | 1 | 5,384 | 24.76 | 9,832.43 | 397.10 | 0.72 | 7,039 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14241 | 14150 | 43 | 1 | 5,355 | 24.84 | 9,779.07 | 393.64 | 0.71 | 6,963 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14241 | 14255 | 43 | 1 | 5,384 | 24.87 | 1,379.87 | 55.48 | 0.72 | 988 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14255 | 14241 | 43 | 1 | 5,355 | 24.95 | 1,372.38 | 55.00 | 0.71 | 977 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14255 | 14295 | 43 | 1 | 4,069 | 27.74 | 2,376.61 | 85.67 | 0.54 | 1,286 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14295 | 14255 | 43 | 1 | 3,978 | 27.90 | 2,323.75 | 83.29 | 0.53 | 1,229 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14295 | 14297 | 43 | 1 | 3,027 | 29.60 | 445.21 | 15.04 | 0.40 | 179 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14297 | 14295 | 43 | 1 | 2,952 | 29.67 | 434.22 | 14.64 | 0.39 | 170 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14297 | 14336 | 43 | 1 | 3,027 | 29.25 | 2,533.58 | 86.62 | 0.40 | 1,020 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14336 | 14297 | 43 | 1 | 2,952 | 29.32 | 2,471.01 | 84.29 | 0.39 | 970 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14336 | 14361 | 41 | 1 | 9,820 | 14.72 | 5,531.58 | 375.89 | 1.19 | 6,606 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14361 | 14336 | 41 | 1 | 9,800 | 14.77 | 5,520.35 | 373.63 | 1.19 | 6,580 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14361 | 14370 | 41 | 1 | 9,820 | 14.82 | 1,985.59 | 133.98 | 1.19 | 2,371 |
| Starkey Blvd | DeCubellis Rd to SR 54 | 14370 | 14361 | 41 | 1 | 9,800 | 14.88 | 1,981.56 | 133.18 | 1.19 | 2,362 |
| Suncoast | Ridge Rd Extension to SR 54 | 14213 | 14235 | 92 | 2 | 22,779 | 43.46 | 9,681.21 | 222.76 | 0.74 | 7,191 |
| Suncoast | Ridge Rd Extension to SR 54 | 14217 | 14235 | 71 | 2 | 6,574 | 29.78 | 2,679.07 | 89.98 | 0.20 | 549 |
| Suncoast | Ridge Rd Extension to SR 54 | 14233 | 14210 | 71 | 2 | 6,756 | 29.90 | 2,798.99 | 93.60 | 0.21 | 589 |
| Suncoast | Ridge Rd Extension to SR 54 | 14233 | 14211 | 92 | 2 | 22,627 | 42.99 | 9,693.45 | 225.49 | 0.74 | 7,152 |
| Suncoast | Ridge Rd Extension to SR 54 | 14235 | 14292 | 92 | 2 | 29,354 | 30.32 | 28,161.94 | 928.87 | 1.14 | 32,207 |
| Suncoast | Ridge Rd Extension to SR 54 | 14291 | 14233 | 92 | 2 | 29,383 | 30.27 | 28,184.21 | 931.08 | 1.14 | 32,265 |
| Suncoast | Ridge Rd Extension to SR 54 | 14292 | 14391 | 92 | 2 | 29,354 | 30.37 | 56,682.00 | 1,866.10 | 1.14 | 64,824 |
| Suncoast | Ridge Rd Extension to SR 54 | 14390 | 14291 | 92 | 2 | 29,383 | 30.42 | 56,894.37 | 1,870.54 | 1.14 | 65,132 |
| Suncoast | Ridge Rd Extension to SR 54 | 14391 | 14449 | 92 | 2 | 29,354 | 30.48 | 22,191.40 | 728.03 | 1.14 | 25,379 |
| Suncoast | Ridge Rd Extension to SR 54 | 14449 | 14472 | 92 | 2 | 29,354 | 30.12 | 8,318.84 | 276.15 | 1.14 | 9,514 |
| Suncoast | Ridge Rd Extension to SR 54 | 14451 | 14390 | 92 | 2 | 29,383 | 30.21 | 23,315.44 | 771.70 | 1.14 | 26,691 |
| Suncoast | Ridge Rd Extension to SR 54 | 14471 | 14451 | 92 | 2 | 29,383 | 30.29 | 7,369.27 | 243.25 | 1.14 | 8,436 |
| Suncoast | Ridge Rd Extension to SR 54 | 14472 | 14485 | 92 | 2 | 29,354 | 19.35 | 3,771.95 | 194.98 | 1.14 | 4,314 |
| Suncoast | Ridge Rd Extension to SR 54 | 14484 | 14471 | 92 | 2 | 29,383 | 13.72 | 3,602.36 | 262.55 | 1.14 | 4,124 |
| Suncoast | Ridge Rd Extension to SR 54 | 14485 | 14492 | 99 | 2 | 29,354 | 0.56 | 2,051.82 | 3,639.86 | 0.80 | 1,643 |
| Suncoast | Ridge Rd Extension to SR 54 | 14490 | 14484 | 99 | 2 | 29,383 | 0.57 | 2,071.50 | 3,643.50 | 0.80 | 1,660 |
| Suncoast | Ridge Rd Extension to SR 54 | 14492 | 14501 | 92 | 2 | 29,354 | 14.76 | 4,112.45 | 278.66 | 1.14 | 4,703 |
| Suncoast | Ridge Rd Extension to SR 54 | 14500 | 14490 | 92 | 2 | 29,383 | 20.38 | 4,154.76 | 203.83 | 1.14 | 4,756 |
| Suncoast | Ridge Rd Extension to SR 54 | 14501 | 14510 | 92 | 2 | 29,354 | 30.87 | 8,007.69 | 259.41 | 1.14 | 9,158 |
| Suncoast | Ridge Rd Extension to SR 54 | 14508 | 14500 | 92 | 2 | 29,383 | 30.09 | 7,572.01 | 251.64 | 1.14 | 8,668 |
| Suncoast | Ridge Rd Extension to SR 54 | 14510 | 15304 | 92 | 2 | 29,354 | 30.39 | 27,977.02 | 920.50 | 1.14 | 31,996 |
| Suncoast | Ridge Rd Extension to SR 54 | 14557 | 15303 | 92 | 2 | 24,121 | 35.56 | 7,274.75 | 204.57 | 0.94 | 6,837 |
| Suncoast | Ridge Rd Extension to SR 54 | 15303 | 14508 | 92 | 2 | 29,383 | 30.45 | 28,607.32 | 939.46 | 1.14 | 32,749 |
| Suncoast | Ridge Rd Extension to SR 54 | 15304 | 14558 | 92 | 2 | 23,968 | 36.25 | 7,329.52 | 202.22 | 0.93 | 6,845 |
| Suncoast | Ridge Rd Extension to SR 54 | 15304 | 15306 | 71 | 1 | 5,385 | 30.01 | 896.96 | 29.89 | 0.35 | 315 |
| Suncoast | Ridge Rd Extension to SR 54 | 15305 | 15303 | 71 | 1 | 5,263 | 29.82 | 817.72 | 27.42 | 0.34 | 280 |
| Suncoast | SR 52 to Ridge Rd Extension | 14557 | 15376 | 71 | 1 | 1,442 | 30.41 | 95.00 | 3.12 | 0.09 | 9 |
| Suncoast | SR 52 to Ridge Rd Extension | 14558 | 14645 | 92 | 2 | 25,460 | 34.30 | 52,663.35 | 1,535.26 | 0.99 | 52,239 |
| Suncoast | SR 52 to Ridge Rd Extension | 14644 | 14557 | 92 | 2 | 25,562 | 34.22 | 52,767.73 | 1,542.23 | 1.00 | 52,552 |
| Suncoast | SR 52 to Ridge Rd Extension | 14645 | 14722 | 92 | 2 | 25,460 | 34.41 | 29,176.79 | 847.93 | 0.99 | 28,942 |
| Suncoast | SR 52 to Ridge Rd Extension | 14722 | 14748 | 92 | 2 | 10,870 | 48.18 | 3,857.91 | 80.08 | 0.42 | 1,634 |
| Suncoast | SR 52 to Ridge Rd Extension | 14722 | 14752 | 71 | 1 | 14,589 | 23.04 | 5,616.87 | 243.81 | 0.95 | 5,337 |
| Suncoast | SR 52 to Ridge Rd Extension | 14725 | 14644 | 92 | 2 | 25,562 | 34.10 | 30,268.02 | 887.75 | 1.00 | 30,145 |
| Suncoast | SR 52 to Ridge Rd Extension | 14747 | 14725 | 92 | 2 | 10,665 | 48.37 | 3,421.37 | 70.73 | 0.42 | 1,422 |
| Suncoast | SR 52 to Ridge Rd Extension | 14749 | 14725 | 71 | 1 | 14,897 | 22.77 | 5,094.75 | 223.72 | 0.97 | 4,943 |
| Suncoast | SR 52 to Ridge Rd Extension | 15306 | 15377 | 71 | 1 | 1,491 | 30.35 | 90.53 | 2.98 | 0.10 | 9 |
| Suncoast | SR 52 to Ridge Rd Extension | 15375 | 15305 | 71 | 1 | 1,442 | 28.97 | 97.44 | 3.36 | 0.09 | 9 |

Ridge Road Extension Analysis: Alternative 17 - Add Ridge Road Ext. as Two Lanes, Add Two Lanes to SR 54

| Name | From - To | A-Node | B-Node | Facility Type | Number of Lanes | Volume | C. Speed | VMT | VHT | VC Ratio LOS-E | VMT*VCE |
|----------------|-----------------------------|--------|--------|---------------|-----------------|--------|----------|-----------|----------|----------------|-----------|
| Suncoast | SR 52 to Ridge Rd Extension | 15376 | 15375 | 99 | 2 | 1,442 | 0.71 | 31.83 | 44.69 | 0.04 | 1 |
| Suncoast | SR 52 to Ridge Rd Extension | 15377 | 15378 | 99 | 2 | 1,491 | 0.78 | 36.06 | 46.23 | 0.04 | 1 |
| Suncoast | SR 52 to Ridge Rd Extension | 15378 | 14558 | 71 | 1 | 1,491 | 29.96 | 96.83 | 3.23 | 0.10 | 9 |
| US 41 | Ridge Rd Extension to SR 54 | 14327 | 14350 | 23 | 3 | 26,207 | 30.09 | 12,555.91 | 417.26 | 0.86 | 10,773 |
| US 41 | Ridge Rd Extension to SR 54 | 14350 | 14327 | 23 | 3 | 26,576 | 29.74 | 12,732.44 | 428.09 | 0.87 | 11,078 |
| US 41 | Ridge Rd Extension to SR 54 | 14350 | 14357 | 23 | 3 | 25,718 | 31.27 | 3,651.96 | 116.77 | 0.84 | 3,075 |
| US 41 | Ridge Rd Extension to SR 54 | 14357 | 14350 | 23 | 3 | 26,114 | 30.90 | 3,708.13 | 120.00 | 0.85 | 3,170 |
| US 41 | Ridge Rd Extension to SR 54 | 14357 | 14388 | 23 | 3 | 27,707 | 28.66 | 15,208.24 | 530.71 | 0.91 | 13,796 |
| US 41 | Ridge Rd Extension to SR 54 | 14388 | 14357 | 23 | 3 | 28,107 | 28.25 | 15,427.85 | 546.10 | 0.92 | 14,197 |
| US 41 | Ridge Rd Extension to SR 54 | 14388 | 14415 | 23 | 3 | 27,707 | 26.00 | 13,944.81 | 536.26 | 1.00 | 13,915 |
| US 41 | Ridge Rd Extension to SR 54 | 14415 | 14388 | 23 | 3 | 28,107 | 25.52 | 14,146.18 | 554.27 | 1.01 | 14,319 |
| US 41 | Ridge Rd Extension to SR 54 | 14415 | 14443 | 23 | 3 | 31,363 | 21.23 | 8,452.29 | 398.21 | 1.13 | 9,547 |
| US 41 | Ridge Rd Extension to SR 54 | 14443 | 14415 | 23 | 3 | 31,791 | 20.72 | 8,567.78 | 413.45 | 1.14 | 9,810 |
| US 41 | Ridge Rd Extension to SR 54 | 14443 | 14491 | 23 | 3 | 27,115 | 26.63 | 14,636.61 | 549.73 | 0.98 | 14,293 |
| US 41 | Ridge Rd Extension to SR 54 | 14491 | 14443 | 23 | 3 | 27,530 | 26.13 | 14,860.81 | 568.69 | 0.99 | 14,734 |
| US 41 | Ridge Rd Extension to SR 54 | 14491 | 14503 | 23 | 3 | 32,425 | 20.15 | 6,964.84 | 345.72 | 1.17 | 8,133 |
| US 41 | Ridge Rd Extension to SR 54 | 14503 | 14491 | 23 | 3 | 32,497 | 20.06 | 6,980.44 | 347.96 | 1.17 | 8,170 |
| US 41 | Ridge Rd Extension to SR 54 | 14503 | 14509 | 23 | 3 | 29,723 | 23.57 | 6,631.13 | 281.30 | 1.07 | 7,098 |
| US 41 | Ridge Rd Extension to SR 54 | 14509 | 14503 | 23 | 3 | 29,765 | 23.52 | 6,640.65 | 282.33 | 1.07 | 7,119 |
| US 41 | Ridge Rd Extension to SR 54 | 14509 | 14531 | 23 | 3 | 27,738 | 25.89 | 17,269.72 | 666.95 | 1.00 | 17,252 |
| US 41 | Ridge Rd Extension to SR 54 | 14531 | 14509 | 23 | 3 | 27,789 | 25.83 | 17,301.65 | 669.78 | 1.00 | 17,316 |
| US 41 | Ridge Rd Extension to SR 54 | 14531 | 14541 | 23 | 3 | 24,379 | 29.41 | 8,883.71 | 302.05 | 0.88 | 7,800 |
| US 41 | Ridge Rd Extension to SR 54 | 14541 | 14531 | 23 | 3 | 24,434 | 29.35 | 8,903.73 | 303.34 | 0.88 | 7,835 |
| US 41 | Ridge Rd Extension to SR 54 | 14541 | 14550 | 23 | 2 | 24,071 | 16.18 | 10,855.80 | 670.89 | 1.30 | 14,116 |
| US 41 | Ridge Rd Extension to SR 54 | 14550 | 14541 | 23 | 2 | 24,137 | 16.08 | 10,885.58 | 677.00 | 1.30 | 14,194 |
| US 41 | Ridge Rd Extension to SR 54 | 14550 | 14552 | 23 | 2 | 24,071 | 16.04 | 5,909.31 | 368.52 | 1.30 | 7,684 |
| US 41 | Ridge Rd Extension to SR 54 | 14552 | 14550 | 23 | 2 | 24,137 | 15.93 | 5,925.52 | 371.87 | 1.30 | 7,726 |
| US 41 | Ridge Rd Extension to SR 54 | 14552 | 14559 | 23 | 2 | 23,807 | 16.44 | 7,789.75 | 473.95 | 1.29 | 10,018 |
| US 41 | Ridge Rd Extension to SR 54 | 14559 | 14552 | 23 | 2 | 23,879 | 16.32 | 7,813.32 | 478.65 | 1.29 | 10,079 |
| US 41 | Ridge Rd Extension to SR 54 | 14559 | 14565 | 23 | 2 | 22,911 | 4.47 | 6,724.44 | 1,502.97 | 1.87 | 12,569 |
| US 41 | Ridge Rd Extension to SR 54 | 14565 | 14559 | 23 | 2 | 22,957 | 4.44 | 6,737.96 | 1,516.34 | 1.87 | 12,619 |
| US 41 | Ridge Rd Extension to SR 54 | 14565 | 14578 | 23 | 2 | 20,741 | 6.23 | 13,996.27 | 2,246.61 | 1.69 | 23,683 |
| US 41 | Ridge Rd Extension to SR 54 | 14578 | 14565 | 23 | 2 | 20,761 | 6.21 | 14,009.30 | 2,255.37 | 1.69 | 23,727 |
| US 41 | Ridge Rd Extension to SR 54 | 14578 | 14630 | 23 | 2 | 18,469 | 8.85 | 21,100.53 | 2,384.64 | 1.51 | 31,792 |
| US 41 | Ridge Rd Extension to SR 54 | 14630 | 14578 | 23 | 2 | 18,505 | 8.80 | 21,142.02 | 2,402.70 | 1.51 | 31,917 |
| US 41 | Ridge Rd Extension to SR 54 | 14630 | 14636 | 23 | 2 | 18,981 | 8.18 | 4,723.94 | 577.54 | 1.55 | 7,315 |
| US 41 | Ridge Rd Extension to SR 54 | 14636 | 14630 | 23 | 2 | 19,025 | 8.12 | 4,734.97 | 582.85 | 1.55 | 7,349 |
| US 41 | SR 52 to Ridge Rd Extension | 14636 | 14662 | 31 | 1 | 21,093 | 17.16 | 9,390.21 | 547.14 | 1.32 | 12,379 |
| US 41 | SR 52 to Ridge Rd Extension | 14662 | 14636 | 31 | 1 | 21,099 | 17.15 | 9,393.22 | 547.73 | 1.32 | 12,387 |
| US 41 | SR 52 to Ridge Rd Extension | 14662 | 14671 | 31 | 1 | 19,847 | 20.10 | 2,963.09 | 147.42 | 1.24 | 3,675 |
| US 41 | SR 52 to Ridge Rd Extension | 14671 | 14662 | 31 | 1 | 19,848 | 20.10 | 2,963.35 | 147.46 | 1.24 | 3,676 |
| US 41 | SR 52 to Ridge Rd Extension | 14671 | 14676 | 31 | 1 | 19,708 | 19.88 | 3,141.43 | 157.99 | 1.23 | 3,869 |
| US 41 | SR 52 to Ridge Rd Extension | 14676 | 14671 | 31 | 1 | 19,700 | 19.90 | 3,140.12 | 157.78 | 1.23 | 3,866 |
| US 41 | SR 52 to Ridge Rd Extension | 14676 | 14687 | 31 | 1 | 19,708 | 20.20 | 5,273.82 | 261.02 | 1.23 | 6,496 |
| US 41 | SR 52 to Ridge Rd Extension | 14687 | 14676 | 31 | 1 | 19,700 | 20.22 | 5,271.62 | 260.69 | 1.23 | 6,491 |
| US 41 | SR 52 to Ridge Rd Extension | 14687 | 14692 | 31 | 1 | 19,487 | 20.78 | 2,344.28 | 112.81 | 1.22 | 2,855 |
| US 41 | SR 52 to Ridge Rd Extension | 14692 | 14687 | 31 | 1 | 19,493 | 20.77 | 2,344.97 | 112.91 | 1.22 | 2,857 |
| US 41 | SR 52 to Ridge Rd Extension | 14692 | 14701 | 31 | 1 | 19,487 | 20.24 | 3,357.60 | 165.89 | 1.22 | 4,089 |
| US 41 | SR 52 to Ridge Rd Extension | 14701 | 14692 | 31 | 1 | 19,493 | 20.23 | 3,358.60 | 166.04 | 1.22 | 4,092 |
| US 41 | SR 52 to Ridge Rd Extension | 14701 | 14717 | 31 | 1 | 19,487 | 20.64 | 8,903.59 | 431.32 | 1.22 | 10,844 |
| US 41 | SR 52 to Ridge Rd Extension | 14717 | 14701 | 31 | 1 | 19,493 | 20.63 | 8,906.22 | 431.71 | 1.22 | 10,850 |
| US 41 | SR 52 to Ridge Rd Extension | 14717 | 14781 | 31 | 1 | 18,781 | 22.18 | 15,434.45 | 695.86 | 1.17 | 18,117 |
| US 41 | SR 52 to Ridge Rd Extension | 14781 | 14717 | 31 | 1 | 18,802 | 22.13 | 15,451.08 | 698.04 | 1.18 | 18,156 |
| Totals: | | | | | | | | 2,354,580 | 108,589 | | 2,413,153 |

Avg. Speed: 21.68 Weighted VC Ratio: 1.025