

| MSA Calculation for 2-LANE CARRIGEWAY(Section 0.00 to 30.600) | | | | | | | | |
|---|--------------|---------------|---------------|------|------|-------|----------------|-------------------------|
| Year | Vehicle Type | | | | | MSA | Cumulative MSA | Remarks |
| | LCV | Truck -2 Axle | Truck -3 Axle | MAV | Bus | | | |
| 2017 | 25 | 31 | 0 | 0 | 9 | 0.009 | | Base Year |
| 2018 | 28 | 33 | 0 | 0 | 9 | 0.010 | | |
| 2019 | 31 | 35 | 0 | 0 | 10 | 0.011 | | Construction Start Year |
| 2020 | 35 | 38 | 0 | 0 | 10 | 0.012 | | |
| 2021 | 39 | 40 | 0 | 0 | 11 | 0.013 | 0.01 | Opening for traffic |
| 2022 | 43 | 44 | 0 | 0 | 12 | 0.014 | 0.03 | |
| 2023 | 47 | 49 | 0 | 0 | 13 | 0.015 | 0.04 | |
| 2024 | 52 | 54 | 0 | 0 | 13 | 0.017 | 0.06 | |
| 2025 | 57 | 57 | 0 | 0 | 14 | 0.018 | 0.08 | 5th Year |
| 2026 | 63 | 60 | 0 | 0 | 15 | 0.019 | 0.10 | |
| 2027 | 69 | 65 | 0 | 0 | 16 | 0.021 | 0.12 | |
| 2028 | 75 | 69 | 0 | 0 | 17 | 0.022 | 0.14 | |
| 2029 | 82 | 72 | 0 | 0 | 18 | 0.024 | 0.16 | |
| 2030 | 90 | 76 | 0 | 0 | 19 | 0.025 | 0.19 | 10th Year |
| 2031 | 98 | 80 | 0 | 0 | 19 | 0.027 | 0.22 | |
| 2032 | 106 | 86 | 0 | 0 | 21 | 0.029 | 0.25 | |
| 2033 | 115 | 93 | 0 | 0 | 22 | 0.032 | 0.28 | |
| 2034 | 124 | 101 | 0 | 0 | 23 | 0.034 | 0.31 | |
| 2035 | 134 | 109 | 0 | 0 | 24 | 0.037 | 0.35 | 15th Year |
| VDF | 0.50 | 1.12 | 0.50 | 0.50 | 0.50 | | | |

| MSA Calculation for 2-LANE CARRIGEWAY(Section 30.600 to 68.00) | | | | | | | | |
|--|--------------|---------------|---------------|------|------|-------|----------------|-------------------------|
| Year | Vehicle Type | | | | | MSA | Cumulative MSA | Remarks |
| | LCV | Truck -2 Axle | Truck -3 Axle | MAV | Bus | | | |
| 2017 | 30 | 40 | 0 | 0 | 9 | 0.012 | | Base Year |
| 2018 | 34 | 43 | 0 | 0 | 9 | 0.013 | | |
| 2019 | 37 | 45 | 0 | 0 | 10 | 0.014 | | Construction Start Year |
| 2020 | 42 | 48 | 0 | 0 | 10 | 0.015 | | |
| 2021 | 47 | 52 | 0 | 0 | 11 | 0.016 | 0.02 | Opening for traffic |
| 2022 | 52 | 57 | 0 | 0 | 12 | 0.017 | 0.03 | |
| 2023 | 57 | 63 | 0 | 0 | 13 | 0.019 | 0.05 | |
| 2024 | 63 | 69 | 0 | 0 | 13 | 0.021 | 0.07 | |
| 2025 | 69 | 73 | 0 | 0 | 14 | 0.023 | 0.10 | 5th Year |
| 2026 | 76 | 77 | 0 | 0 | 15 | 0.024 | 0.12 | |
| 2027 | 83 | 84 | 0 | 0 | 16 | 0.026 | 0.15 | |
| 2028 | 90 | 89 | 0 | 0 | 17 | 0.028 | 0.17 | |
| 2029 | 99 | 93 | 0 | 0 | 18 | 0.030 | 0.20 | |
| 2030 | 108 | 98 | 0 | 0 | 19 | 0.032 | 0.24 | 10th Year |
| 2031 | 118 | 103 | 0 | 0 | 19 | 0.033 | 0.27 | |
| 2032 | 127 | 111 | 0 | 0 | 21 | 0.036 | 0.31 | |
| 2033 | 138 | 120 | 0 | 0 | 22 | 0.039 | 0.34 | |
| 2034 | 149 | 130 | 0 | 0 | 23 | 0.042 | 0.39 | |
| 2035 | 161 | 141 | 0 | 0 | 24 | 0.046 | 0.43 | 15th Year |
| VDF | 0.50 | 1.12 | 0.50 | 0.50 | 0.50 | | | |

| MSA Calculation for 2-LANE CARRIGEWAY (Section 68.00 to 132.00) | | | | | | | | |
|---|--------------|---------------|---------------|------|------|-------|----------------|-------------------------|
| Year | Vehicle Type | | | | | MSA | Cumulative MSA | Remarks |
| | LCV | Truck -2 Axle | Truck -3 Axle | MAV | Bus | | | |
| 2017 | 27 | 26 | 0 | 0 | 7 | 0.009 | | Base Year |
| 2018 | 30 | 28 | 0 | 0 | 7 | 0.010 | | |
| 2019 | 34 | 30 | 0 | 0 | 8 | 0.011 | | Construction Start Year |
| 2020 | 38 | 32 | 0 | 0 | 8 | 0.012 | | |
| 2021 | 42 | 34 | 0 | 0 | 9 | 0.013 | 0.01 | Opening for traffic |
| 2022 | 46 | 37 | 0 | 0 | 9 | 0.014 | 0.03 | |
| 2023 | 51 | 41 | 0 | 0 | 10 | 0.015 | 0.04 | |
| 2024 | 56 | 45 | 0 | 0 | 10 | 0.017 | 0.06 | |
| 2025 | 62 | 48 | 0 | 0 | 11 | 0.018 | 0.08 | 5th Year |
| 2026 | 68 | 50 | 0 | 0 | 11 | 0.019 | 0.10 | |
| 2027 | 75 | 55 | 0 | 0 | 12 | 0.021 | 0.12 | |
| 2028 | 81 | 58 | 0 | 0 | 13 | 0.022 | 0.14 | |
| 2029 | 89 | 61 | 0 | 0 | 14 | 0.024 | 0.16 | |
| 2030 | 97 | 64 | 0 | 0 | 14 | 0.025 | 0.19 | 10th Year |
| 2031 | 106 | 67 | 0 | 0 | 15 | 0.027 | 0.21 | |
| 2032 | 114 | 72 | 0 | 0 | 16 | 0.029 | 0.24 | |
| 2033 | 124 | 78 | 0 | 0 | 17 | 0.031 | 0.27 | |
| 2034 | 134 | 85 | 0 | 0 | 18 | 0.034 | 0.31 | |
| 2035 | 145 | 91 | 0 | 0 | 19 | 0.036 | 0.34 | 15th Year |
| VDF | 0.50 | 1.29 | 0.50 | 0.50 | 0.50 | | | |