

Feasibility Study of Central Expressway Project - section 1 from Kadawatha to Mirigama

Annex-1B

Table 2

Financial Analysis

Toll Revenue calculation

| | | | | Sub Section Name | | | | Section Length-km | | | | | | | | | |
|---------|-------|------------------------------|--------------------|------------------|-----------|---------|----------|-------------------|----------|----------|---------|-------|---------|---------|-------------------------------|--------|--|
| section | | CEP 2 | Gampaha- Veyangoda | | | | | 10.65 | | | | | | | | | |
| Year | ADT | Toll fee for category RS./km | | | | | | | | | | | | | Total Revenue- Rs.mn /year | | |
| | | | | 1 | 1 | 2 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | | 4 | |
| | | | | 4.40 | 4.40 | 6.80 | 12.03 | 12.03 | 12.03 | 17.18 | 17.18 | 17.18 | 17.18 | 17.18 | | #### | |
| | | Vehicle composition | | | | | | | | | | | | | | | |
| | | MCI | TWL | CAR | VAN | MBU | LBU | LGV | MG1 | MG2 | HG3 | AG3 | AG4 | AG5 | | AG6 | |
| | | 0.001 | 0.000 | 0.715 | 0.173 | 0.004 | 0.025 | 0.046 | 0.017 | 0.014 | 0.002 | 0.000 | 0.002 | 0.001 | 0.000 | | |
| 2017 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 2018 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 2019 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 2020 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 2021 | 3852 | 0.00 | 0.00 | 128982.43 | 31238.48 | 1146.87 | 12270.28 | 22704.84 | 8502.24 | 10072.35 | 1517.75 | 0.00 | 1241.80 | 413.93 | 0.00 | 79.60 | |
| 2022 | 4246 | 0.00 | 0.00 | 142182.03 | 34435.32 | 1264.23 | 13525.97 | 25028.38 | 9372.33 | 11103.12 | 1673.07 | 0.00 | 1368.88 | 456.29 | 0.00 | 87.75 | |
| 2023 | 4640 | 0.00 | 0.00 | 155381.63 | 37632.15 | 1381.60 | 14781.67 | 27351.91 | 10242.42 | 12133.89 | 1828.39 | 0.00 | 1495.96 | 498.65 | 0.00 | 95.90 | |
| 2024 | 5035 | 0.00 | 0.00 | 168581.24 | 40828.99 | 1498.97 | 16037.37 | 29675.44 | 11112.51 | 13164.66 | 1983.72 | 0.00 | 1623.04 | 541.01 | 0.00 | 104.04 | |
| 2025 | 5429 | 0.00 | 0.00 | 181780.84 | 44025.83 | 1616.33 | 17293.06 | 31998.97 | 11982.59 | 14195.43 | 2139.04 | 0.00 | 1750.12 | 583.37 | 0.00 | 112.19 | |
| 2026 | 5823 | 0.00 | 0.00 | 194980.44 | 47222.66 | 1733.70 | 18548.76 | 34322.51 | 12852.68 | 15226.20 | 2294.36 | 0.00 | 1877.20 | 625.73 | 0.00 | 120.33 | |
| 2027 | 6858 | 0.00 | 0.00 | 229620.19 | 55612.12 | 2041.70 | 21844.09 | 40420.16 | 15136.06 | 17931.25 | 2701.97 | 0.00 | 2210.70 | 736.90 | 0.00 | 141.71 | |
| 2028 | 7892 | 0.00 | 0.00 | 264259.94 | 64001.59 | 2349.71 | 25139.41 | 46517.81 | 17419.44 | 20636.30 | 3109.58 | 0.00 | 2544.20 | 848.07 | 0.00 | 163.09 | |
| 2029 | 8927 | 0.00 | 0.00 | 298899.69 | 72391.05 | 2657.71 | 28434.74 | 52615.47 | 19702.81 | 23341.35 | 3517.19 | 0.00 | 2877.70 | 959.23 | 0.00 | 184.47 | |
| 2030 | 9961 | 0.00 | 0.00 | 333539.44 | 80780.51 | 2965.72 | 31730.07 | 58713.12 | 21986.19 | 26046.40 | 3924.80 | 0.00 | 3211.20 | 1070.40 | 0.00 | 205.85 | |
| 2031 | 10996 | 0.00 | 0.00 | 368179.19 | 89169.97 | 3273.72 | 35025.40 | 64810.77 | 24269.57 | 28751.45 | 4332.41 | 0.00 | 3544.70 | 1181.57 | 0.00 | 227.23 | |
| 2032 | 12030 | 0.00 | 0.00 | 402818.94 | 97559.44 | 3581.73 | 38320.72 | 70908.42 | 26552.94 | 31456.50 | 4740.02 | 0.00 | 3878.20 | 1292.73 | 0.00 | 248.61 | |
| 2033 | 13065 | 0.00 | 0.00 | 437458.70 | 105948.90 | 3889.73 | 41616.05 | 77006.08 | 28836.32 | 34161.55 | 5147.63 | 0.00 | 4211.70 | 1403.90 | 0.00 | 269.98 | |
| 2034 | 14099 | 0.00 | 0.00 | 472098.45 | 114338.36 | 4197.74 | 44911.38 | 83103.73 | 31119.69 | 36866.60 | 5555.24 | 0.00 | 4545.20 | 1515.07 | 0.00 | 291.36 | |
| 2035 | 15134 | 0.00 | 0.00 | 506738.20 | 122727.83 | 4505.74 | 48206.71 | 89201.38 | 33403.07 | 39571.65 | 5962.85 | 0.00 | 4878.70 | 1626.23 | 0.00 | 312.74 | |
| 2036 | 16168 | 0.00 | 0.00 | 541377.95 | 131117.29 | 4813.75 | 51502.03 | 95299.04 | 35686.45 | 42276.70 | 6370.46 | 0.00 | 5212.20 | 1737.40 | 0.00 | 334.12 | |
| 2037 | 17203 | 0.00 | 0.00 | 576017.70 | 139506.75 | 5121.75 | 54797.36 | 101396.69 | 37969.82 | 44981.75 | 6778.07 | 0.00 | 5545.69 | 1848.56 | 0.00 | 355.50 | |
| 2038 | 18237 | 0.00 | 0.00 | 610657.45 | 147896.21 | 5429.76 | 58092.69 | 107494.34 | 40253.20 | 47686.80 | 7185.68 | 0.00 | 5879.19 | 1959.73 | 0.00 | 376.88 | |
| 2039 | 19272 | 0.00 | 0.00 | 645297.20 | 156285.68 | 5737.76 | 61388.01 | 113592.00 | 42536.58 | 50391.84 | 7593.29 | 0.00 | 6212.69 | 2070.90 | 0.00 | 398.25 | |
| 2040 | 20306 | 0.00 | 0.00 | 679936.95 | 164675.14 | 6045.77 | 64683.34 | 119689.65 | 44819.95 | 53096.89 | 8000.90 | 0.00 | 6546.19 | 2182.06 | 0.00 | 419.63 | |
| 2041 | 21341 | 0.00 | 0.00 | 714576.70 | 173064.60 | 6353.77 | 67978.67 | 125787.30 | 47103.33 | 55801.94 | 8408.51 | 0.00 | 6879.69 | 2293.23 | 0.00 | 441.01 | |