

大阪港北港南地区～南港地区 臨港道路整備事業 費用対効果分析（事業全体）

費用対効果分析シート（割引前）

| (億円) |        |           |          |        |      |       |      |       |        |          |
|------|--------|-----------|----------|--------|------|-------|------|-------|--------|----------|
| 年度   | 施設供用期間 | 割引前       |          |        |      |       |      |       |        |          |
|      |        | 初期投資・更新投資 | 運営・維持コスト | 総費用(C) | 輸送費用 | 輸送時間  | 交通事故 | 残存価値  | 総便益(B) | 純便益(B-C) |
| 2000 |        | 88.3      |          | 88.3   |      |       |      |       |        | -88.3    |
| 2001 |        | 97.2      |          | 97.2   |      |       |      |       |        | -97.2    |
| 2002 |        | 119.8     |          | 119.8  |      |       |      |       |        | -119.8   |
| 2003 |        | 142.7     |          | 142.7  |      |       |      |       |        | -142.7   |
| 2004 |        | 126.2     |          | 126.2  |      |       |      |       |        | -126.2   |
| 2005 |        | 116.8     |          | 116.8  |      |       |      |       |        | -116.8   |
| 2006 |        | 125.9     |          | 125.9  |      |       |      |       |        | -125.9   |
| 2007 |        | 96.6      |          | 96.6   |      |       |      |       |        | -96.6    |
| 2008 |        | 146.8     |          | 146.8  |      |       |      |       |        | -146.8   |
| 2009 | 1      | 6.6       | 0.9      | 7.5    | 1.2  | 10.8  | 0.8  | 12.7  | 5.2    |          |
| 2010 | 2      | 7.8       | 2.3      | 10.1   | 4.3  | 31.3  | 2.0  | 37.6  | 27.6   |          |
| 2011 | 3      | 15.1      | 2.2      | 17.3   | 4.7  | 33.1  | 2.1  | 39.9  | 22.5   |          |
| 2012 | 4      |           | 2.3      | 2.3    | 4.7  | 33.8  | 2.2  | 40.6  | 38.4   |          |
| 2013 | 5      |           | 2.2      | 2.2    | 5.0  | 35.2  | 2.2  | 42.2  | 40.2   |          |
| 2014 | 6      |           | 2.1      | 2.1    | 5.3  | 36.7  | 2.3  | 44.4  | 42.1   |          |
| 2015 | 7      |           | 2.1      | 2.1    | 5.7  | 38.6  | 2.4  | 46.7  | 44.6   |          |
| 2016 | 8      |           | 2.1      | 2.1    | 6.1  | 40.6  | 2.4  | 49.1  | 47.0   |          |
| 2017 | 9      |           | 2.1      | 2.1    | 6.5  | 42.5  | 2.5  | 51.5  | 49.4   |          |
| 2018 | 10     |           | 2.1      | 2.1    | 6.9  | 44.5  | 2.6  | 54.0  | 51.9   |          |
| 2019 | 11     |           | 2.1      | 2.1    | 7.3  | 46.4  | 2.7  | 56.4  | 54.3   |          |
| 2020 | 12     |           | 2.1      | 2.1    | 7.7  | 48.4  | 2.8  | 58.9  | 56.8   |          |
| 2021 | 13     |           | 2.1      | 2.1    | 8.1  | 50.4  | 2.8  | 61.4  | 59.3   |          |
| 2022 | 14     |           | 2.1      | 2.1    | 8.5  | 51.5  | 2.9  | 62.9  | 60.9   |          |
| 2023 | 15     |           | 2.1      | 2.1    | 8.7  | 52.6  | 2.9  | 64.3  | 62.2   |          |
| 2024 | 16     |           | 2.1      | 2.1    | 8.9  | 53.8  | 3.0  | 65.6  | 63.5   |          |
| 2025 | 17     |           | 2.1      | 2.1    | 9.1  | 54.9  | 3.0  | 67.0  | 64.9   |          |
| 2026 | 18     |           | 2.1      | 2.1    | 9.2  | 56.0  | 3.1  | 68.3  | 66.2   |          |
| 2027 | 19     |           | 2.1      | 2.1    | 9.4  | 57.1  | 3.1  | 69.7  | 67.6   |          |
| 2028 | 20     |           | 2.1      | 2.1    | 9.6  | 58.3  | 3.2  | 71.0  | 68.9   |          |
| 2029 | 21     |           | 2.1      | 2.1    | 9.8  | 59.4  | 3.2  | 72.4  | 70.3   |          |
| 2030 | 22     |           | 2.1      | 2.1    | 9.9  | 60.5  | 3.3  | 73.7  | 71.6   |          |
| 2031 | 23     |           | 2.1      | 2.1    | 10.1 | 61.5  | 3.3  | 74.9  | 72.8   |          |
| 2032 | 24     |           | 2.1      | 2.1    | 10.3 | 62.4  | 3.3  | 76.0  | 73.9   |          |
| 2033 | 25     |           | 2.1      | 2.1    | 10.4 | 63.4  | 3.4  | 77.1  | 75.0   |          |
| 2034 | 26     |           | 2.1      | 2.1    | 10.6 | 64.3  | 3.4  | 78.3  | 76.2   |          |
| 2035 | 27     |           | 2.1      | 2.1    | 14.9 | 88.7  | 4.7  | 108.2 | 106.1  |          |
| 2036 | 28     |           | 2.1      | 2.1    | 19.2 | 113.1 | 5.9  | 138.1 | 136.0  |          |
| 2037 | 29     |           | 2.1      | 2.1    | 23.4 | 137.4 | 7.2  | 168.0 | 166.0  |          |
| 2038 | 30     |           | 2.1      | 2.1    | 27.7 | 161.8 | 8.5  | 198.0 | 195.9  |          |
| 2039 | 31     |           | 2.1      | 2.1    | 32.0 | 186.2 | 9.7  | 227.9 | 225.8  |          |
| 2040 | 32     |           | 2.1      | 2.1    | 32.0 | 186.1 | 9.7  | 227.8 | 225.7  |          |
| 2041 | 33     |           | 2.1      | 2.1    | 32.0 | 186.1 | 9.7  | 227.8 | 225.7  |          |
| 2042 | 34     |           | 2.1      | 2.1    | 32.0 | 186.0 | 9.7  | 227.7 | 225.6  |          |
| 2043 | 35     |           | 2.1      | 2.1    | 32.0 | 186.0 | 9.7  | 227.6 | 225.5  |          |
| 2044 | 36     |           | 2.1      | 2.1    | 32.0 | 185.9 | 9.6  | 227.6 | 225.5  |          |
| 2045 | 37     |           | 2.1      | 2.1    | 32.0 | 185.9 | 9.6  | 227.5 | 225.4  |          |
| 2046 | 38     |           | 2.1      | 2.1    | 32.0 | 185.8 | 9.6  | 227.4 | 225.4  |          |
| 2047 | 39     |           | 2.1      | 2.1    | 32.0 | 185.8 | 9.6  | 227.4 | 225.3  |          |
| 2048 | 40     |           | 2.1      | 2.1    | 32.0 | 185.7 | 9.6  | 227.3 | 225.2  |          |
| 2049 | 41     |           | 2.1      | 2.1    | 32.0 | 185.7 | 9.6  | 227.3 | 225.2  |          |
| 2050 | 42     |           | 2.1      | 2.1    | 32.0 | 185.7 | 9.5  | 227.2 | 225.1  |          |
| 2051 | 43     |           | 2.1      | 2.1    | 32.0 | 185.6 | 9.5  | 227.1 | 225.0  |          |
| 2052 | 44     |           | 2.1      | 2.1    | 32.0 | 185.6 | 9.5  | 227.1 | 225.0  |          |
| 2053 | 45     |           | 2.1      | 2.1    | 32.0 | 185.5 | 9.5  | 227.0 | 224.9  |          |
| 2054 | 46     |           | 2.1      | 2.1    | 32.0 | 185.5 | 9.5  | 226.9 | 224.8  |          |
| 2055 | 47     |           | 2.1      | 2.1    | 32.0 | 185.4 | 9.5  | 226.9 | 224.8  |          |
| 2056 | 48     |           | 2.1      | 2.1    | 32.0 | 185.4 | 9.5  | 226.8 | 224.7  |          |
| 2057 | 49     |           | 2.1      | 2.1    | 32.0 | 185.3 | 9.4  | 226.7 | 224.6  |          |
| 2058 | 50     |           | 2.1      | 2.1    | 32.0 | 185.3 | 9.4  | 226.7 | 224.6  |          |
| 合計   |        | 1,090     | 104      | 1,194  | 923  | 5,463 | 288  | 46    | 6,720  | 5,527    |

費用対効果分析シート（割引後）

EIRR= 5.6% NPV= 974 億円  
B/C= 1.5

| (億円) |        |        |           |          |        |      |       |      |      |        |          |
|------|--------|--------|-----------|----------|--------|------|-------|------|------|--------|----------|
| 年度   | 施設供用期間 | 社会的割引率 | 割引後       |          |        |      |       |      |      |        |          |
|      |        |        | 初期投資・更新投資 | 運営・維持コスト | 総費用(C) | 輸送費用 | 輸送時間  | 交通事故 | 残存価値 | 総便益(B) | 純便益(B-C) |
| 2000 |        | 1.87   | 165.0     |          | 165.0  |      |       |      |      |        | -165.0   |
| 2001 |        | 1.80   | 175.0     |          | 175.0  |      |       |      |      |        | -175.0   |
| 2002 |        | 1.73   | 207.2     |          | 207.2  |      |       |      |      |        | -207.2   |
| 2003 |        | 1.67   | 238.3     |          | 238.3  |      |       |      |      |        | -238.3   |
| 2004 |        | 1.60   | 201.9     |          | 201.9  |      |       |      |      |        | -201.9   |
| 2005 |        | 1.54   | 179.9     |          | 179.9  |      |       |      |      |        | -179.9   |
| 2006 |        | 1.48   | 186.4     |          | 186.4  |      |       |      |      |        | -186.4   |
| 2007 |        | 1.42   | 137.2     |          | 137.2  |      |       |      |      |        | -137.2   |
| 2008 |        | 1.37   | 201.1     |          | 201.1  |      |       |      |      |        | -201.1   |
| 2009 | 1      | 1.32   | 8.7       | 1.2      | 9.9    | 1.5  | 14.2  | 1.0  | 16.8 | 6.8    |          |
| 2010 | 2      | 1.27   | 9.9       | 2.9      | 12.8   | 5.4  | 39.7  | 2.6  | 47.8 | 35.0   |          |
| 2011 | 3      | 1.22   | 18.4      | 2.7      | 21.1   | 5.7  | 40.4  | 2.6  | 48.6 | 27.5   |          |
| 2012 | 4      | 1.17   |           | 2.6      | 2.6    | 5.5  | 39.5  | 2.5  | 47.5 | 44.9   |          |
| 2013 | 5      | 1.12   |           | 2.5      | 2.5    | 5.6  | 39.4  | 2.5  | 47.5 | 45.0   |          |
| 2014 | 6      | 1.08   |           | 2.3      | 2.3    | 5.7  | 39.6  | 2.5  | 47.7 | 45.5   |          |
| 2015 | 7      | 1.04   |           | 2.2      | 2.2    | 5.9  | 40.2  | 2.4  | 48.5 | 46.3   |          |
| 2016 | 8      | 1.00   |           | 2.1      | 2.1    | 6.1  | 40.6  | 2.4  | 49.1 | 47.0   |          |
| 2017 | 9      | 0.96   |           | 2.0      | 2.0    | 6.2  | 40.8  | 2.4  | 49.5 | 47.5   |          |
| 2018 | 10     | 0.92   |           | 1.9      | 1.9    | 6.4  | 40.9  | 2.4  | 49.7 | 47.7   |          |
| 2019 | 11     | 0.89   |           | 1.9      | 1.9    | 6.5  | 41.3  | 2.4  | 50.2 | 48.4   |          |
| 2020 | 12     | 0.85   |           | 1.8      | 1.8    | 6.6  | 41.1  | 2.3  | 50.0 | 48.2   |          |
| 2021 | 13     | 0.82   |           | 1.7      | 1.7    | 6.7  | 41.3  | 2.3  | 50.3 | 48.6   |          |
| 2022 | 14     | 0.79   |           | 1.7      | 1.7    | 6.8  | 40.7  | 2.3  | 49.7 | 48.1   |          |
| 2023 | 15     | 0.76   |           | 1.6      | 1.6    | 6.6  | 40.0  | 2.2  | 48.9 | 47.3   |          |
| 2024 | 16     | 0.73   |           | 1.5      | 1.5    | 6.5  | 39.3  | 2.2  | 47.9 | 46.4   |          |
| 2025 | 17     | 0.70   |           | 1.5      | 1.5    | 6.4  | 38.4  | 2.1  | 46.9 | 45.4   |          |
| 2026 | 18     | 0.68   |           | 1.4      | 1.4    | 6.3  | 38.1  | 2.1  | 46.5 | 45.0   |          |
| 2027 | 19     | 0.65   |           | 1.4      | 1.4    | 6.1  | 37.1  | 2.0  | 45.3 | 43.9   |          |
| 2028 | 20     | 0.62   |           | 1.3      | 1.3    | 6.0  | 36.1  | 2.0  | 44.0 | 42.7   |          |
| 2029 | 21     | 0.60   |           | 1.3      | 1.3    | 5.9  | 35.6  | 1.9  | 43.4 | 42.2   |          |
| 2030 | 22     | 0.58   |           | 1.2      | 1.2    | 5.8  | 35.1  | 1.9  | 42.8 | 41.6   |          |
| 2031 | 23     | 0.56   |           | 1.2      | 1.2    | 5.7  | 34.4  | 1.8  | 41.9 | 40.8   |          |
| 2032 | 24     | 0.53   |           | 1.1      | 1.1    | 5.4  | 33.1  | 1.8  | 40.3 | 39.2   |          |
| 2033 | 25     | 0.51   |           | 1.1      | 1.1    | 5.3  | 32.3  | 1.7  | 39.3 | 38.3   |          |
| 2034 | 26     | 0.49   |           | 1.0      | 1.0    | 5.2  | 31.5  | 1.7  | 38.4 | 37.3   |          |
| 2035 | 27     | 0.47   |           | 1.0      | 1.0    | 7.0  | 41.7  | 2.2  | 50.9 | 49.9   |          |
| 2036 | 28     | 0.46   |           | 1.0      | 1.0    | 8.8  | 52.0  | 2.7  | 63.5 | 62.6   |          |
| 2037 | 29     | 0.44   |           | 0.9      | 0.9    | 10.3 | 60.5  | 3.2  | 73.9 | 73.0   |          |
| 2038 | 30     | 0.42   |           | 0.9      | 0.9    | 11.7 | 68.0  | 3.6  | 83.2 | 82.3   |          |
| 2039 | 31     | 0.41   |           | 0.9      | 0.9    | 13.1 | 76.3  | 4.0  | 93.4 | 92.6   |          |
| 2040 | 32     | 0.39   |           | 0.8      | 0.8    | 12.5 | 72.6  | 3.8  | 88.9 | 88.0   |          |
| 2041 | 33     | 0.38   |           | 0.8      | 0.8    | 12.2 | 70.7  | 3.7  | 86.6 | 85.8   |          |
| 2042 | 34     | 0.36   |           | 0.8      | 0.8    | 11.5 | 67.0  | 3.5  | 82.0 | 81.2   |          |
| 2043 | 35     | 0.35   |           | 0.7      | 0.7    | 11.2 | 65.1  | 3.4  | 79.7 | 78.9   |          |
| 2044 | 36     | 0.33   |           | 0.7      | 0.7    | 10.6 | 61.4  | 3.2  | 75.1 | 74.4   |          |
| 2045 | 37     | 0.32   |           | 0.7      | 0.7    | 10.2 | 59.5  | 3.1  | 72.8 | 72.1   |          |
| 2046 | 38     | 0.31   |           | 0.7      | 0.7    | 9.9  | 57.6  | 3.0  | 70.5 | 69.9   |          |
| 2047 | 39     | 0.30   |           | 0.6      | 0.6    | 9.6  | 55.7  | 2.9  | 68.2 | 67.6   |          |
| 2048 | 40     | 0.29   |           | 0.6      | 0.6    | 9.3  | 53.9  | 2.8  | 65.9 | 65.3   |          |
| 2049 | 41     | 0.27   |           | 0.6      | 0.6    | 8.6  | 50.1  | 2.6  | 61.4 | 60.8   |          |
| 2050 | 42     | 0.26   |           | 0.5      | 0.5    | 8.3  | 48.3  | 2.5  | 59.1 | 58.5   |          |
| 2051 | 43     | 0.25   |           | 0.5      | 0.5    | 8.0  | 46.4  | 2.4  | 56.8 | 56.3   |          |
| 2052 | 44     | 0.24   |           | 0.5      | 0.5    | 7.7  | 44.5  | 2.3  | 54.5 | 54.0   |          |
| 2053 | 45     | 0.23   |           | 0.5      | 0.5    | 7.4  | 42.7  | 2.2  | 52.2 | 51.7   |          |
| 2054 | 46     | 0.23   |           | 0.5      | 0.5    | 7.4  | 42.7  | 2.2  | 52.2 | 51.7   |          |
| 2055 | 47     | 0.22   |           | 0.5      | 0.5    | 7.0  | 40.8  | 2.1  | 49.9 | 49.4   |          |
| 2056 | 48     | 0.21   |           | 0.4      | 0.4    | 6.7  | 38.9  | 2.0  | 47.6 | 47.2   |          |
| 2057 | 49     | 0.20   |           | 0.4      | 0.4    | 6.4  | 37.1  | 1.9  | 45.4 | 44.9   |          |
| 2058 | 50     | 0.19   |           | 0.4      | 0.4    | 6.1  | 35.2  | 1.8  | 43.1 | 42.6   |          |
| 合計   |        |        | 1,729     | 61       | 1,790  | 373  | 2,259 | 123  | 8.8  | 2,764  | 974      |