

**Economic Efficiency of the Transport System (TEE)**

| <b>Non-business: Commuting</b>                                | <b>ALL MODES</b>                           | <b>ROAD</b>                  | <b>BUS and COACH</b>            | <b>RAIL</b>       | <b>OTHER</b>      |                   |
|---|--|------------------------------|---------------------------------|-------------------|-------------------|-------------------|
| <u>User benefits</u>  | <b>TOTAL</b>                               | <b>Private Cars and LGVs</b> | <b>Passengers</b>               | <b>Passengers</b> |                   |                   |
| Travel time   | 47,271,000                                 |                              |                                 |                   |                   |                   |
| Vehicle operating costs                                       | -3,611,000                                 |                              |                                 |                   |                   |                   |
| User charges  | 0  |                              |                                 |                   |                   |                   |
| During Construction & Maintenance                             | -157,000                                   |                              |                                 |                   |                   |                   |
| <b>NET NON-BUSINESS BENEFITS: COMMUTING</b>                   | <b>43,503,000</b> (1a)                     |                              |                                 |                   |                   |                   |
| <b>Non-business: Other</b>                                    | <b>ALL MODES</b>                           | <b>ROAD</b>                  | <b>BUS and COACH</b>            | <b>RAIL</b>       | <b>OTHER</b>      |                   |
| <u>User benefits</u>  | <b>TOTAL</b>                               | <b>Private Cars and LGVs</b> | <b>Passengers</b>               | <b>Passengers</b> |                   |                   |
| Travel time   | 55,867,000                                 |                              |                                 |                   |                   |                   |
| Vehicle operating costs                                       | -8,521,000                                 |                              |                                 |                   |                   |                   |
| User charges  | 0  |                              |                                 |                   |                   |                   |
| During Construction & Maintenance                             | -143,000                                   |                              |                                 |                   |                   |                   |
| <b>NET NON-BUSINESS BENEFITS: OTHER</b>                       | <b>47,203,000</b> (1b)                     |                              |                                 |                   |                   |                   |
| <b>Business</b>   |  | <b>Goods Vehicles</b>        | <b>Business Cars &amp; LGVs</b> | <b>Passengers</b> | <b>Freight</b>    | <b>Passengers</b> |
| <u>User benefits</u>  |  |                              |                                 |                   |                   |                   |
| Travel time   | 57,052,000                                 |                              |                                 |                   |                   |                   |
| Vehicle operating costs                                       | 2,332,000                                  |                              |                                 |                   |                   |                   |
| User charges  | 0  |                              |                                 |                   |                   |                   |
| During Construction & Maintenance                             | -217,000                                   |                              |                                 |                   |                   |                   |
| <b>Subtotal</b>   | <b>59,167,000</b> (2)                      |                              |                                 |                   |                   |                   |
| <b>Private sector provider impacts</b>                        |  |                              |                                 | <b>Freight</b>    | <b>Passengers</b> |                   |
| Revenue   | 0  |                              |                                 |                   |                   |                   |
| Operating costs   | 0  |                              |                                 |                   |                   |                   |
| Investment costs  | 0  |                              |                                 |                   |                   |                   |
| Grant/subsidy   | 0  |                              |                                 |                   |                   |                   |
| <b>Subtotal</b>   | <b>0</b> (3)                               |                              |                                 |                   |                   |                   |
| <b>Other business impacts</b>                                 |  |                              |                                 |                   |                   |                   |
| Developer contributions                                       | 0 (4)                                      |                              |                                 |                   |                   |                   |
| <b>NET BUSINESS IMPACT</b>                                    | <b>59,167,000</b> (5) = (2) + (3) + (4)    |                              |                                 |                   |                   |                   |
| <b>TOTAL</b>  |  |                              |                                 |                   |                   |                   |
| Present Value of Transport Economic Efficiency Benefits (TEE) | <b>149,873,000</b> (6) = (1a) + (1b) + (5) |                              |                                 |                   |                   |                   |

Notes: Benefits appear as positive numbers, while costs appear as negative numbers.  
All entries are discounted present values, in 2010 prices and values