

## LIST OF ADDENDA

The following minor changes have been made to the report since its publication on 8 June 2012:

- (1) Page 3, Table 2:
  - Replaced "Maximum cost if all discretionary items adopted" with "Maximum discretionary cost";
  - Replaced "\$573.1m" with "\$566.1m".
- (2) Page 3, second paragraph:

Replaced this paragraph with "The **provisional** sums, if the maximum discretionary cost was adopted would **increase** the potential cost of the northern route by **\$20.7m** to **\$566.1m**, but would have **no impact** on the southern route."
- (3) Page 142, Section 7.3.3.9 Structures:
  - Replaced \$139.3m with \$44.9m.
- (4) Page 143, Section 7.3.3.13 Provisional items, paragraphs 2 and 3:
  - Replaced "\$25.9 million" with "\$20.7 million".
- (5) Page 2, paragraph 3:
  - Replaced "\$693m" with "\$711m".
- (6) Page 2, Table 1:
  - Balance of construction costs, southern route – replaced "\$98m" with "\$118m";
  - Balance of construction costs, difference – replaced "-\$53m" with "-\$33m";
  - Project management and design, southern route – replaced "\$89m" with "\$86m";
  - Project management and design, difference – replaced "\$21m" with "\$18m";
  - Total, southern route – replaced "\$693m" with "\$711m";
  - Total, difference – replaced "\$148m" with "\$166m".
- (7) Page 3, Table 3:
  - Total estimate, southern route – replaced "\$693.3m" with "\$710.7m";
  - Maximum discretionary cost – replaced "\$693.3m" with "\$710.7m".
- (8) Page 3, paragraph 1:
  - Inserted text "if the maximum amount was adopted would";
  - Replaced "\$68.6m" with "\$51.2m";
  - Replaced "\$693.3m" with "\$710.7m".
- (9) Page 125, Table 7.1:
  - Balance of construction costs, southern route – replaced "\$98m" with "\$118m";
  - Balance of construction costs, difference – replaced "-\$53m" with "-\$33m";
  - Project management and design, southern route – replaced "\$89m" with "\$86m";

- Project management and design, difference – replaced “\$21m” with “\$18m”;
- Total, southern route – replaced “\$693m” with “\$711m”;
- Total, difference – replaced “\$148m” with “\$166m”.

(10) Page 135, Table 7.8:

- Concept development, sub-total, contingency amount – replaced “\$802,562” with “\$1,002,562”;
- Total, contingency amount – replaced “\$161,815,329” with “\$162,015,329”;
- Updated Note 3 – the word “where” was replaced with the word “because”;
- Updated the date on the estimate summary sheet from “19/06/2012” to “27/06/2012”.

(11) Page 136, Table 7.9:

- Concept development, sub-total, contingency amount – replaced “\$930,200” with “\$1,230,200”;
- Total, contingency amount – replaced “\$220,908,870” with “\$221,208,870”;
- Updated Note 3 – the word “where” was replaced with the word “because”;
- Updated the date on the estimate summary sheet from “19/06/2012” to “27/06/2012”;
- 1. Concept development, sub-total, % of total estimate – replaced “0.62%” with “0.61%”;
- 2. Detail design & documentation, sub-total, % of total estimate – replaced “9.64%” with “9.40%”;
- 3. Property acquisitions, sub-total, % of total estimate – replaced “3.28%” with “3.20%”;
- 4. Utility adjustments, sub-total, % of total estimate – replaced “1.30%” with “1.27%”;
- 5(d) Adjustment sums, base estimate (excluding contingency) – replaced “-\$44,122,443” with “-\$32,922,131”;
- 5(d) Adjustment sums, contingency amount – replaced “-\$24,429,488” with “-\$18,228,156”;
- 5(d) Adjustment sums, estimate (including contingency) – replaced “-\$68,551,931” with “-\$51,150,287”;
- 5. Infrastructure construction, sub-total, base estimate (excluding contingency) – replaced “\$383,324,390” with “\$394,524,702”;
- 5. Infrastructure construction, sub-total, contingency % – replaced “48%” with “49%”;
- 5. Infrastructure construction, sub-total, contingency amount – replaced “\$185,458,029” with “\$191,659,360”;
- 5. Infrastructure construction, sub-total, estimate (including contingency) – replaced “\$568,782,419” with “\$586,184,062”;

- 5. Infrastructure construction, sub-total, % of total estimate – replaced “82.04%” with “82.48%”;
- 6. Finalisation, sub-total, % of total estimate – replaced “3.12%” with “3.04%”;
- Total, base estimate (excluding contingency) – replaced “\$472,066,577” with “\$483,266,889”;
- Total, contingency amount – replaced “\$221,208,870” with “\$227,410,202”;
- Total, estimate (including contingency) – replaced “\$693,275,447” with “\$710,677,091”;
- Total project estimate – replaced “\$694,000,000” with “\$711,000,000”;
- Cost per km, base cost – replaced “\$36,880,201” with “\$37,755,226”;
- Cost per km, estimate with contingency – replaced “\$54,162,144” with “\$55,521,648”;
- Cost per lane-km, base cost – replaced “\$9,220,050” with “\$9,438,806”;
- Cost per lane-km, estimate with contingency – replaced “\$13,540,536” with “\$13,880,412”.

(12) Page 137, Table 7.11:

- Earthworks, % amounts – replaced “34.3%” with “33.5%”;
- Earthworks, % cumulative values – replaced “34%” with “33%”;
- Structures, % amounts – replaced “26.5%” with “25.8%”;
- Structures, % cumulative values – replaced “61%” with “59%”;
- General, \$ amounts – replaced “\$108.0” with “\$125.4”;
- General, % amounts – replaced “15.6%” with “17.6%”;
- General, \$ cumulative values – replaced “\$529.3” with “\$546.7”;
- General, % cumulative values – replaced “76%” with “77%”;
- Pavements, % amounts – replaced “9.1%” with “8.9%”;
- Pavements, \$ cumulative values – replaced “\$592.4” with “\$609.8”;
- Pavements, % cumulative values – replaced “85%” with “86%”;
- Miscellaneous, % amounts – replaced “3.1%” with “3.0%”;
- Miscellaneous, \$ cumulative values – replaced “\$614.0” with “\$631.4”;
- Drainage, % amounts – replaced “3.0%” with “2.9%”;
- Drainage, \$ cumulative values – replaced “\$634.6” with “\$652.0”;
- Urban design & landscape, % amounts – replaced “2.9%” with “2.8%”;
- Urban design & landscape, \$ cumulative values – replaced “\$654.5” with “\$671.9”;
- Urban design & landscape, % cumulative values – replaced “94%” with “95%”;
- Environmental, % amount – replaced “2.3%” with “2.2%”;
- Environmental, \$ cumulative values – replaced “\$670.5” with “\$687.9”;

- Local roads, % amounts – replaced “1.7%” with “1.6%”;
  - Local roads, \$ cumulative values – replaced “\$681.9” with “\$699.3”;
  - Public utility adjustments, % amounts – replaced “1.3%” with “1.2%”;
  - Public utility adjustments, \$ cumulative values – replaced “\$690.8” with “708.2”;
  - Noise mitigation, \$ cumulative values – replaced “\$693.1” with “\$710.5”;
  - Flood mitigation, \$ cumulative values – replaced “\$693.3” with “\$710.7”;
  - Total, \$ amounts – replaced “\$693.3” with “\$710.7”;
  - Total, \$ cumulative values – replaced “\$554.6” with “\$568.5”.
- (13) Page 140, Table 7.12:
- Total adjustment sums, southern route – replaced “-\$68.6” with “-\$51.2”;
  - Added Note 1 “Adjustment sums items HIGHLIGHTED are included in scope of item HIGHLIGHTED”;
  - Note 3 – inserted “refers to”;
  - Added Note 4 “The provisional sums of \$15.8 million (split KVR interchange) and \$5.2 million (off-ramp under interchange overbridge) are mutually exclusive.”
- (14) Page 143, Section 7.3.3.13, paragraph 1 last sentence:
- Replaced the sentence with “Some of the adjustment sums have common scopes. If the maximum Adjustment Sums are realised the result is a cost saving of \$51.2 million to the southern route.”
- (15) Page 146:
- Replaced “\$693m” with “\$711m”.
- (16) Appendix H, northern route:
- Separated provisional items section from the cost estimate;
  - Note 3 – corrected from ‘amount from NOT incl’ to ‘amount not included’;
  - Note 3 – replaced ‘where drevided’ with ‘because derived’;
  - Updated the date on the infrastructure construction estimate summary from “19/06/2012” to “27/06/2012”;
  - 5(d) Adjustment sums, comments/assumptions – inserted “Refer NOTE 1. below”;
  - Updated Note 1 to “1. Adjustment Sums items HIGHLIGHTED are included in scope of item HIGHLIGHTED”;
  - Inserted Note 2 “2. Provisional Sum amount NOT incl. in Project Estimate total because derived from a discretionary item currently under consideration”;
  - 5(e) provisional sums, comments/assumptions - replaced “Refer NOTE 1. above” with “Refer NOTE 2. above”.
- (17) Appendix H, southern route:
- Separated provisional items section from the cost estimate;

- Note 3 – corrected from 'amount from NOT incl' to 'amount not included';
- Note 3 – replaced 'where drevided' with 'because derived';
- Updated the date on the infrastructure construction estimate summary from "19/06/2012" to "27/06/2012";
- 5(a) Base infrastructure, sub-total, % of total estimate – replaced "98.22%" with "95.14%";
- 5(b) Environmental works, sub-total, % of total estimate – replaced "5.52%" with "5.34%";
- 5(c) General activities, sub-total, % of total estimate – replaced "9.05%" with "8.76%";
- 5(d) Adjustment sums, sub-total, base estimate (excluding contingency) – replaced "\$44,122,443" with "\$32,922,131";
- 5(d) Adjustment sums, contingency amount – replaced "\$24,429,488" with "\$18,228,156";
- 5(d) Adjustment sums, estimate (including contingency) – replaced "\$68,551,931" with "\$51,150,287";
- 5(d) Adjustment sums, sub-total, % of total estimate – replaced "-12.79%" with "-9.24%";
- 5(d) Adjustment sums, comments/assumptions – inserted "Refer NOTE 1. below";
- Total, base estimate (excluding contingency) – replaced "\$360,021,722" with "\$371,222,034";
- Total, contingency amount – replaced "\$176,136,962" with "\$182,338,293";
- Total, estimate (including contingency) – replaced "\$536,158,684" with "\$553,560,328";
- Total amount – replaced "\$536,158,684" with "\$553,560,328";
- Updated Note 1 to "1. Adjustment Sums items HIGHLIGHTED are included in scope of item HIGHLIGHTED";
- Inserted Note 2 "2. Provisional Sum amount NOT incl. in Project Estimate total because derived from a discretionary item currently under consideration";
- 5(e) provisional sums, comments/assumptions - replaced "Refer NOTE 1. above" with "Refer NOTE 2. above".