**Project**: Planning and Engineering Study on Development of Lok Ma Chau Loop - Investigation

Construction Noise Calculation

| Subtitle: Final EIA  |       |         |        |     |                   |     |        |       |         |         |         |       |                |            |     |                 |      |         |         |         |        |                  |          |         |       |       |       |            |        |      |          |      |        |        |
|--|-------|---------|--------|-----|-------------------|-----|--------|-------|---------|---------|---------|-------|----------------|------------|-----|-----------------|------|---------|---------|---------|--------|------------------|----------|---------|-------|-------|-------|------------|--------|------|----------|------|--------|--------|
| Activities   | Jan I | Feb Man | ch Apr | May | 2013<br>June July | Aug | Sept C | Oct N | lov Dec | Jan Feb | March A | pr Ma | 201<br>ay June | 14<br>July | Aug | Sept Oct Nov De | ic . | Jan Fel | b Marci | h Apr I | May Ji | 2015<br>ine July | Aug Sept | t Oct 1 | Nov [ | Dec J | Jan F | eb March A | or May | June | July Aug | Sept | Oct No | v Dec  |
| N1 - Lok Ma Chau Loop Fish Pond Compensation, Land De-contamination, Creation of EA, Embankment Construction |       |         |        | į   |                   |     |        |       |         |         |         |       |                | - 1        |     | 118 118 118 11  |      |         |         |         |        |                  |          |         |       |       |       |            |        | 7    |          |      |        |        |
| N2 - Temporary Haul Road Between Sai Kwo Rd and Ha Wan Tsuen Rd<br>Filling                                   |       |         |        |     |                   |     |        |       |         |         |         |       |                |            |     |                 | _    | 116 116 |         |         |        |                  |          |         |       |       |       |            |        |      |          |      |        | T      |
| N3 - Temporary Haul Road Between Sai Kwo Rd and Ha Wan Tsuen Rd<br>Filling                                   |       |         |        |     |                   |     |        |       |         |         |         |       |                |            |     |                 | T    |         | 116     |         |        |                  |          |         |       |       |       |            |        |      |          |      |        | +      |
| 20 - Lok Ma Chau Loop<br>Filling   |       |         |        |     |                   |     |        |       |         |         |         |       | +              |            |     | 120             | 4    | 124 124 | -       | 124     | 124 1  | 24 124           | 124      |         |       |       |       |            |        |      |          |      |        | +      |
| 20 - Lok Ma Chau Loop<br>Removing surcharge  |       |         |        |     |                   |     |        |       |         |         |         |       |                |            |     |                 | Ŧ    |         |         |         |        |                  |          |         |       |       |       |            |        |      |          |      |        | +      |
| 21 - Lok Ma Chau Loop<br>Filling   |       |         |        |     |                   |     |        |       |         |         |         |       |                |            |     | 12              | 4    | 124 124 | 4 124   | 124     |        |                  |          |         | ŀ     |       |       |            |        |      |          |      |        | +      |
| Z1 - Lok Ma Chau Loop<br>Removing surcharge  |       |         |        |     |                   |     |        |       |         |         |         |       |                |            |     |                 |      |         |         |         |        |                  |          |         | t     |       | +     |            | 120    | 120  | 120 120  |      |        | +      |
| 21 - Lok Ma Chau Loop<br>Internal Road, utilities construction   |       |         |        |     |                   |     |        | +     |         |         |         |       |                |            |     |                 |      |         |         |         |        |                  |          |         | -     |       |       |            |        |      |          |      |        | +      |
| Z1 - Building (Phase 1) Concrete foundation  |       |         |        |     |                   |     |        |       |         |         |         |       |                |            |     |                 |      |         |         |         |        |                  |          |         | 1     |       |       |            |        |      | 118      | 118  | 118 11 | 8 118  |
| 21.1 - District Cooling System (Western) Concrete foundation   |       |         |        |     |                   |     |        |       |         |         |         |       |                |            |     |                 |      |         |         |         |        |                  |          |         | -     |       |       |            |        |      |          |      |        | T      |
| 22 - Lok Ma Chau Loop<br>Filling   |       |         |        |     |                   |     |        | -     |         |         |         |       |                |            |     |                 |      |         |         |         |        |                  | 124 124  | 124     | 124 1 | 124 1 | 124 1 | 124 124 12 | 4 124  | 124  | 124      |      |        | +      |
| 22 - Lok Ma Chau Loop<br>Removing surcharge  |       |         |        |     |                   |     |        | -     |         |         |         |       |                |            |     |                 | t    |         |         |         | +      |                  |          |         |       |       |       |            |        |      |          |      |        | +      |
| Z2 - Lok Ma Chau Loop<br>Internal Road, utilities construction   |       |         |        |     |                   |     |        |       |         |         |         |       |                |            |     |                 |      |         |         |         |        |                  |          |         |       |       |       |            |        |      |          |      |        | +      |
| Z2- Building (Phase 1) Concrete foundation   |       |         |        |     |                   |     |        | 1     |         |         |         |       |                |            |     |                 |      |         |         |         |        |                  |          |         | 1     |       |       |            |        |      |          |      |        | +      |
| Z3 - Lok Ma Chau Loop<br>Filling   |       |         |        |     |                   |     |        |       |         |         |         |       |                |            |     |                 |      |         |         |         |        |                  |          |         |       |       |       |            | 124    | 124  | 124 124  | 124  |        | +      |
| Z3 - Lok Ma Chau Loop<br>Removing surcharge  |       |         |        |     |                   |     |        |       |         |         |         |       |                |            |     |                 |      |         |         |         |        |                  |          |         |       |       |       |            |        |      |          |      |        |        |
| Z3 - Lok Ma Chau Loop<br>Internal Road, utilities construction   |       |         |        |     |                   |     |        |       |         |         |         |       |                |            |     |                 |      |         |         |         |        |                  |          |         |       |       |       |            |        |      |          |      |        | +      |
| Z3 - Building (Phase 2)<br>Concrete Foundation   |       |         |        |     |                   |     |        |       |         |         |         |       |                |            |     |                 |      |         |         |         |        |                  |          |         |       |       |       |            |        |      |          |      |        | 1      |
| Z3.1 - Sewage Treatment Work Concrete Foundation   |       |         |        |     |                   |     |        |       |         |         |         |       |                |            |     |                 |      |         |         |         |        |                  |          |         | Ī     |       |       |            |        |      |          |      |        | 1      |
| Z3.2 - District Cooling System (Eastern) Concrete Foundation   |       |         |        |     |                   |     |        | İ     |         |         |         |       |                | İ          |     |                 |      |         |         |         |        |                  |          |         | İ     |       |       |            |        | İ    |          |      |        | 1      |
| Z4 - Lok Ma Chau Loop<br>Filling   |       |         |        |     |                   |     |        |       |         |         |         |       |                |            |     |                 |      |         |         |         |        |                  |          |         |       |       |       |            |        |      | 124      | 124  | 124 12 | 4 124  |
| Z4 - Lok Ma Chau Loop<br>Removing surcharge  |       |         |        |     |                   |     |        | İ     |         |         |         |       |                |            |     |                 |      |         |         |         |        |                  |          |         | İ     |       | ı     |            |        |      |          |      |        | 1      |
| Z4 - Lok Ma Chau Loop<br>Internal Road, utilities construction   |       |         |        |     |                   |     |        | İ     |         |         |         |       |                |            |     |                 | Ì    |         |         |         |        |                  |          |         |       |       |       |            |        |      |          |      |        | 1      |
| Z4 - Building (Phase 2)<br>Concrete Foundation   |       |         |        |     |                   |     |        |       |         |         |         |       |                |            |     |                 | İ    |         |         |         |        |                  |          |         |       |       |       |            |        |      |          |      |        | $\top$ |
| Z5 - Lok Ma Chau Loop<br>Filling   |       |         |        |     |                   |     |        |       |         |         |         |       |                |            |     |                 | İ    |         |         |         |        |                  |          |         |       |       |       |            |        |      | 124      | 124  | 124 12 | 4 124  |
| Z5 - Lok Ma Chau Loop<br>Removing surcharge  |       |         |        |     |                   |     |        |       |         |         |         |       |                |            |     |                 | İ    |         |         |         |        |                  |          |         |       |       |       |            |        |      |          |      |        |        |
| Z5 - Lok Ma Chau Loop<br>Internal Road, utilities construction   |       |         |        |     |                   |     |        |       |         |         |         |       |                |            |     |                 | Ì    |         |         |         |        |                  |          |         |       |       |       |            |        |      |          |      |        | 1      |
| L1 - LMC Station Connection (between Tun Yu Road and Ha Wan Tsuen Road) Paving                               |       |         |        |     |                   |     |        |       |         |         |         |       |                |            |     |                 | İ    |         |         |         |        |                  |          |         |       |       |       |            |        | 117  | 117 117  | 117  | 117 11 | 7 117  |
| L2 - LMC Station Connection (Bridge Section) Paving  |       |         |        |     |                   |     |        |       |         |         |         |       |                |            |     |                 | İ    |         |         |         |        |                  |          |         |       |       |       |            |        | 117  | 117 117  | 117  | 117 11 | 7 117  |
| L3 - LMC Station Connection (Bridge Section) Paving  |       |         |        |     |                   |     |        |       |         |         |         |       |                | İ          |     |                 | ı    |         |         |         |        |                  |          |         |       |       |       |            |        |      |          |      |        |        |
| L4 - LMC Station Connection (Bridge Section) Paving  |       |         |        |     |                   |     |        |       |         |         |         |       |                |            |     |                 | Ì    |         |         |         |        |                  |          |         |       |       |       |            |        |      |          |      |        | 1      |
| L5 - LMC Station Connection (Bridge Section) Paving  |       |         |        |     |                   |     |        |       |         |         |         |       |                |            |     |                 | Ì    |         |         |         |        |                  |          |         |       |       |       |            |        |      |          |      |        | 1      |
| L6 - LMC Station Connection (Bridge Section) Paving  |       |         |        |     |                   |     |        |       |         |         |         |       |                |            |     |                 | t    |         |         |         |        |                  |          |         |       |       |       |            |        |      |          |      |        | 1      |
| <u> </u>   |       |         |        |     |                   |     |        |       |         |         |         | i     |                |            |     |                 |      | i       |         | 1 1     |        |                  |          |         | i_    |       |       | - 1 - 1 -  | -1     |      |          |      |        |        |

Planning Department and Agreement No. CE 53/2008 (CE) Civil Engineering and Development Department Planning and Engineering Study on Development of Lok Ma Chau Loop – Investigation

Project: Planning and Engineering Study on

Development of Lok Ma Chau Loop - Investigation

Construction Noise Calculation

Paving

Scenario : Unmitigated Scenario Subtitle: Final EIA Activities N1 - Lok Ma Chau Loop
Fish Pond Compensation, Land De-contamination, Creation of EA, Embankment Construction 118 118 118 118 118 118 N2 - Temporary Haul Road Between Sai Kwo Rd and Ha Wan Tsuen Rd N3 - Temporary Haul Road Between Sai Kwo Rd and Ha Wan Tsuen Rd Zn - Lok Ma Chau Loop Z0 - Lok Ma Chau Loop 120 120 120 emoving surcharge Z1 - Lok Ma Chau Loop 71 - Lok Ma Chau Loon moving surcharge Z1 - Lok Ma Chau Loop itemal Road, utilities construction Z1 - Building (Phase 1) nncrete foundation Z1.1 - District Cooling System (Western) Z2 - Lok Ma Chau Loop Filling Z2 - Lok Ma Chau Loop 120 120 120 120 emoving surcharge Z2 - Lok Ma Chau Loop nternal Road, utilities construction Z2- Building (Phase 1) oncrete foundation Z3 - Lok Ma Chau Loop Z3 - Lok Ma Chau Loop 120 120 120 120 120 Removing surcharge Z3 - Lok Ma Chau Loop ternal Road, utilities construction Z3 - Building (Phase 2) oncrete Foundation Z3.1 - Sewage Treatment Work oncrete Foundation Z3.2 - District Cooling System (Eastern) oncrete Foundation 74 - Lok Ma Chau Loon 124 124 124 124 124 124 Z4 - Lok Ma Chau Loop 120 120 120 120 emoving surcharge Z4 - Lok Ma Chau Loop nternal Road, utilities construction Z4 - Building (Phase 2) Z5 - Lok Ma Chau Loop 124 124 124 124 124 124 Z5 - Lok Ma Chau Loop 120 120 120 Removing surcharge Z5 - Lok Ma Chau Loop L1 - LMC Station Connection (between Tun Yu Road and Ha Wan Tsuen Road) L2 - LMC Station Connection (Bridge Section) 117 117 L3 - LMC Station Connection (Bridge Section) 116 116 116 116 L4 - LMC Station Connection (Bridge Section) 116 116 116 116 116 116 L5 - LMC Station Connection (Bridge Section) 116 116 116 116 L6 - LMC Station Connection (Bridge Section)

116 116 116

**Project**: Planning and Engineering Study on Development of Lok Ma Chau Loop - Investigation

Construction Noise Calculation

| Scenario : Unmitigated Scenario Subtitle: Final EIA                                    |             |             |             |         |        |         |         |         |           |         |     |              |     |         |       |         |           |        |          |         |     |        |         |       |           |       |        |            |
|--|-------------|-------------|-------------|---------|--------|---------|---------|---------|-----------|---------|-----|--------------|-----|---------|-------|---------|-----------|--------|----------|---------|-----|--------|---------|-------|-----------|-------|--------|------------|
| Activities   |             |             | 2021        |         |        |         |         |         |           | 2022    |     |              | П   |         |       |         | 2023      |        |          |         | 1   |        |         |       | 2024      |       |        |            |
| N1 - Lok Ma Chau Loop  | Jan Feb Mar | rch Apr May | y June July | Aug Sep | ot Oct | Nov Dec | Jan Feb | March A | or May Ju | ne July | Aug | Sept Oct Nov | Dec | Jan Feb | March | Apr May | June July | Aug Se | pt Oct N | lov Dec | Jan | Feb Ma | rch Apr | May . | June July | Aug S | ept O  | t Nov Dec  |
| Fish Pond Compensation, Land De-contamination, Creation of EA, Embankment Construction |             |             |             |         |        |         |         |         |           |         |     |              |     |         |       |         |           |        |          |         |     |        |         |       |           |       |        |            |
| N2 - Temporary Haul Road Between Sai Kwo Rd and Ha Wan Tsuen Rd<br>Filling             |             |             |             |         |        |         |         |         |           |         |     |              |     |         |       |         |           |        |          |         |     |        |         |       |           |       |        |            |
| N3 - Temporary Haul Road Between Sai Kwo Rd and Ha Wan Tsuen Rd<br>Filling             |             |             |             |         |        |         |         |         |           |         |     |              |     |         |       |         |           |        |          |         |     |        |         |       |           |       |        |            |
| Z0 - Lok Ma Chau Loop<br>Filling   |             |             |             |         |        |         |         |         |           |         |     |              |     |         |       |         |           |        |          |         |     |        |         |       |           |       |        |            |
| Z0 - Lok Ma Chau Loop<br>Removing surcharge  |             |             |             |         |        |         |         |         |           |         |     |              |     |         |       |         |           |        |          |         |     |        |         |       |           |       |        |            |
| Z1 - Lok Ma Chau Loop<br>Filling   |             |             |             |         |        |         |         |         |           |         |     |              |     |         |       |         |           |        |          |         |     |        |         |       |           |       |        |            |
| Z1 - Lok Ma Chau Loop<br>Removing surcharge  |             |             |             |         |        |         |         |         |           |         |     |              |     |         |       |         |           |        |          |         |     |        |         |       |           |       |        |            |
| Z1 - Lok Ma Chau Loop<br>Internal Road, utilities construction                         |             |             |             |         |        |         |         |         |           |         |     |              |     |         |       |         |           |        |          |         |     |        |         |       |           |       |        |            |
| Z1 - Building (Phase 1) Concrete foundation  |             |             |             |         |        |         |         |         |           |         |     |              |     |         |       |         |           |        |          |         |     |        |         |       |           |       |        |            |
| Z1.1 - District Cooling System (Western) Concrete foundation                           |             |             |             |         |        |         |         |         |           |         |     |              |     |         |       |         |           |        |          |         |     |        |         |       |           |       |        |            |
| Z2 - Lok Ma Chau Loop<br>Filling   |             |             |             |         |        |         |         |         |           |         |     |              |     |         |       |         |           |        |          |         |     |        |         |       |           |       |        |            |
| Z2 - Lok Ma Chau Loop<br>Removing surcharge  |             |             |             |         |        |         |         |         |           |         |     |              |     |         |       |         |           |        |          |         |     |        |         |       |           |       |        |            |
| Z2 - Lok Ma Chau Loop<br>Internal Road, utilities construction                         |             |             |             |         |        |         |         |         |           |         |     |              |     |         |       |         |           |        |          |         |     |        |         |       |           |       |        |            |
| Z2- Building (Phase 1) Concrete foundation   |             |             |             |         |        |         |         |         |           |         |     |              |     |         |       |         |           |        |          |         |     |        |         |       |           |       |        |            |
| Z3 - Lok Ma Chau Loop<br>Filling   |             |             |             |         |        |         |         |         |           |         |     |              |     |         |       |         |           |        |          |         |     |        |         |       |           |       |        |            |
| Z3 - Lok Ma Chau Loop<br>Removing surcharge  |             |             |             |         |        |         |         |         |           |         |     |              |     |         |       |         |           |        |          |         |     |        |         |       |           |       |        |            |
| Z3 - Lok Ma Chau Loop<br>Internal Road, utilities construction                         |             |             |             |         |        |         |         |         |           |         |     |              |     |         |       |         |           |        |          |         |     |        |         |       |           |       |        |            |
| Z3 - Building (Phase 2) Concrete Foundation  |             |             |             |         |        |         |         |         |           |         |     |              |     |         |       |         |           |        |          |         | 118 | 118 1° | 18 118  | 118   | 118 118   | 118 1 | 118 11 | 18 118 118 |
| Z3.1 - Sewage Treatment Work<br>Concrete Foundation                                    |             |             |             |         |        |         |         |         |           |         |     |              |     |         |       |         |           |        |          |         |     |        |         |       |           |       |        |            |
| Z3.2 - District Cooling System (Eastern) Concrete Foundation                           |             |             |             |         |        |         |         |         |           |         |     |              |     |         |       |         |           |        |          |         |     |        |         |       | 119       | 119 1 | 119 11 | 19 119 119 |
| Z4 - Lok Ma Chau Loop<br>Filling   |             |             |             |         |        |         |         |         |           |         |     |              |     |         |       |         |           |        |          |         |     |        |         |       |           |       |        |            |
| Z4 - Lok Ma Chau Loop<br>Removing surcharge  |             |             |             |         |        |         |         |         |           |         |     |              |     |         |       |         |           |        |          |         |     |        |         |       |           |       |        |            |
| Z4 - Lok Ma Chau Loop<br>Internal Road, utilities construction                         |             |             |             |         |        |         |         |         |           |         |     |              |     |         |       |         |           |        |          |         | 117 | 117 1  | 17 117  | 117   | 117 117   | 117 1 | 117 11 | 17 117 117 |
| Z4 - Building (Phase 2) Concrete Foundation  |             |             |             |         |        |         |         |         |           |         |     |              |     |         |       |         |           |        |          |         |     |        |         |       |           |       |        |            |
| Z5 - Lok Ma Chau Loop<br>Filling   |             |             |             |         |        |         |         |         |           |         |     |              |     |         |       |         |           |        |          |         |     |        |         |       |           |       |        |            |
| Z5 - Lok Ma Chau Loop<br>Removing surcharge  |             |             |             |         |        |         |         |         |           |         |     |              |     |         |       |         |           |        |          |         |     |        |         |       |           |       |        |            |
| Z5 - Lok Ma Chau Loop<br>Internal Road, utilities construction                         |             |             |             |         |        |         |         |         |           |         |     |              |     |         |       |         |           |        |          |         |     |        |         |       |           |       |        |            |
| L1 - LMC Station Connection (between Tun Yu Road and Ha Wan Tsuen Road) Paving         |             |             |             |         |        |         |         |         |           |         |     |              |     |         |       |         |           |        |          |         |     |        |         |       |           |       |        |            |
| L2 - LMC Station Connection (Bridge Section) Paving                                    |             |             |             |         |        |         |         |         |           |         |     |              |     |         |       |         |           |        |          |         |     |        |         |       |           |       |        |            |
| L3 - LMC Station Connection (Bridge Section) Paving                                    |             |             |             |         |        |         |         |         |           |         |     |              |     |         |       |         |           |        |          |         |     |        |         |       |           |       |        |            |
| L4 - LMC Station Connection (Bridge Section) Paving                                    |             |             |             |         |        |         |         |         |           |         |     |              |     |         |       |         |           |        |          |         |     |        |         |       |           |       |        |            |
| L5 - LMC Station Connection (Bridge Section) Paving                                    |             |             |             |         |        |         |         |         |           |         |     |              |     |         |       |         |           |        |          |         |     |        |         |       |           |       |        |            |
| L6 - LMC Station Connection (Bridge Section) Paving                                    |             |             |             |         |        |         |         |         |           |         |     |              |     |         |       |         |           |        |          |         |     |        |         |       |           |       |        |            |

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Construction Noise Calculation

| Subtitle: Final EIA  |     |     |       |       |     |      |      |     |      |     |     |     |     |     |       |     |     |      |             |     |      |     |     |     |     |     |         |        |        |                |     |      |     |         | _ |
|--|-----|-----|-------|-------|-----|------|------|-----|------|-----|-----|-----|-----|-----|-------|-----|-----|------|-------------|-----|------|-----|-----|-----|-----|-----|---------|--------|--------|----------------|-----|------|-----|---------|---|
| Activities   | Jan | Feb | March | h Apr | May | June | July | Aug | Sept | Oct | Nov | Dec | Jan | Feb | March | Apr | May | June | 026<br>July | Aug | Sept | Oct | Nov | Dec | Jan | Feb | March A | pr Ma  | y Jun  | 2027<br>e July | Aug | Sept | Oct | Nov Dec | 2 |
| N1 - Lok Ma Chau Loop Fish Pond Compensation, Land De-contamination, Creation of EA, Embankment Construction |     |     |       |       |     |      |      |     |      |     |     |     |     |     |       |     |     |      |             |     |      |     |     |     |     |     |         | T      |        |                |     |      |     |         | Ī |
| N2 - Temporary Haul Road Between Sai Kwo Rd and Ha Wan Tsuen Rd<br>Filling                                   |     |     |       |       |     |      |      |     |      |     |     |     |     |     |       |     |     |      |             |     |      |     |     |     |     |     |         | T      |        |                |     |      |     |         | Ī |
| N3 - Temporary Haul Road Between Sai Kwo Rd and Ha Wan Tsuen Rd<br>Filling                                   |     |     |       |       |     |      |      |     |      |     |     |     |     |     |       |     |     |      |             |     |      |     |     |     |     |     |         | T      | T      |                |     |      |     |         | 1 |
| Z0 - Lok Ma Chau Loop<br>Filling   |     |     |       |       |     |      |      |     |      |     |     |     |     |     |       |     |     |      |             |     |      |     |     |     |     |     |         | T      | 1      |                |     |      |     |         | 1 |
| Z0 - Lok Ma Chau Loop<br>Removing surcharge  |     |     |       |       |     |      |      |     |      |     |     |     |     |     |       |     |     |      |             |     |      |     |     |     |     |     |         | $\top$ | $\top$ |                |     |      |     |         | 1 |
| Z1 - Lok Ma Chau Loop<br>Filling   |     |     |       |       |     |      |      |     |      |     |     |     |     |     |       |     |     |      |             |     |      |     |     |     |     |     |         | $\top$ |        |                |     |      |     |         | Ī |
| Z1 - Lok Ma Chau Loop<br>Removing surcharge  |     |     |       |       |     |      |      |     |      |     |     |     |     |     |       |     |     |      |             |     |      |     |     |     |     |     |         |        |        |                |     |      |     |         | 1 |
| Z1 - Lok Ma Chau Loop<br>Internal Road, utilities construction   |     |     |       |       |     |      |      |     |      |     |     |     |     |     |       |     |     |      |             |     |      |     |     |     |     |     |         |        |        |                | 1   |      |     |         | 1 |
| Z1 - Building (Phase 1) Concrete foundation  |     |     |       |       |     |      |      |     |      |     |     |     |     |     |       |     |     |      |             |     |      |     |     |     |     |     |         |        |        |                |     |      |     |         | 1 |
| Z1.1 - District Cooling System (Western) Concrete foundation   |     |     |       |       |     |      |      |     |      |     |     |     |     |     |       |     |     |      |             |     |      |     |     |     |     |     |         |        | T      |                |     |      |     |         | 1 |
| Z2 - Lok Ma Chau Loop<br>Filling   |     |     |       |       |     |      |      |     |      |     |     |     |     |     |       |     |     |      |             |     |      |     |     |     |     |     |         |        | T      |                |     |      |     |         | 1 |
| Z2 - Lok Ma Chau Loop<br>Removing surcharge  |     |     |       |       |     |      |      |     |      |     |     |     |     |     |       |     |     |      |             |     |      |     |     |     |     |     |         |        | T      | T              |     | T    |     |         | 1 |
| Z2 - Lok Ma Chau Loop<br>Internal Road, utilities construction   |     |     |       |       |     |      |      |     |      |     |     |     |     |     |       |     |     |      |             |     |      |     |     |     |     |     |         |        |        | T              |     |      | П   |         | Ī |
| Z2- Building (Phase 1) Concrete foundation   |     |     |       |       |     |      |      |     |      |     |     |     |     |     |       |     |     |      |             |     |      |     |     |     |     |     |         | T      |        |                |     |      |     |         | Ī |
| Z3 - Lok Ma Chau Loop<br>Filling   |     |     |       |       |     |      |      |     |      |     |     |     |     |     |       |     |     |      |             |     |      |     |     |     |     |     |         |        |        |                |     |      |     |         | Ī |
| Z3 - Lok Ma Chau Loop<br>Removing surcharge  |     |     |       |       |     |      |      |     |      |     |     |     |     |     | ļ     |     |     | l    |             |     |      |     |     |     |     |     |         |        |        | 1              | 1   |      |     |         | Ī |
| Z3 - Lok Ma Chau Loop<br>Internal Road, utilities construction   |     |     |       |       |     |      |      |     |      |     |     |     |     |     |       |     |     |      |             |     |      |     |     |     |     |     |         | T      |        |                |     |      |     |         | Ī |
| Z3 - Building (Phase 2)<br>Concrete Foundation   | 118 | 118 | 118   | 118   | 118 | 118  | 118  | 118 | 118  | 118 |     |     |     |     |       |     |     | İ    | i           |     |      |     |     |     |     |     |         |        |        |                |     |      |     |         | Ī |
| Z3.1 - Sewage Treatment Work Concrete Foundation   |     |     |       |       |     |      |      |     |      |     |     |     |     |     | İ     |     |     | ĺ    |             |     |      |     |     |     |     |     |         |        |        |                |     |      |     |         | Ī |
| Z3.2 - District Cooling System (Eastern) Concrete Foundation   | 119 | 119 | 119   | 119   | 119 | 119  | 119  | 119 | 119  | 119 | 119 | 119 | 119 | 119 | 119   | 119 | 119 | 119  | 119         | 119 | 119  | 119 | 119 | 119 | 119 | 119 |         |        |        |                |     |      |     |         | Ī |
| Z4 - Lok Ma Chau Loop<br>Filling   |     | į   |       |       |     |      |      |     |      |     |     |     |     |     |       |     |     | į    | i           |     |      |     |     |     |     |     |         |        |        |                |     | İ    |     |         | Ī |
| Z4 - Lok Ma Chau Loop<br>Removing surcharge  |     |     |       |       |     |      |      |     |      |     |     |     |     |     |       |     |     |      |             |     |      |     |     |     |     |     |         |        |        |                |     |      |     |         | 1 |
| Z4 - Lok Ma Chau Loop<br>Internal Road, utilities construction   | 117 | 117 | 117   | 117   | 117 | 117  | 117  | 117 |      |     |     |     |     |     |       |     |     |      |             |     |      |     |     |     |     |     |         | T      |        |                |     |      |     |         | Ī |
| Z4 - Building (Phase 2)<br>Concrete Foundation   |     |     |       |       |     |      |      |     |      |     | 118 | 118 | 118 | 118 | 118   | 118 | 118 | 118  | 118         | 118 | 118  | 118 | 118 | 118 | 118 | 118 | 118 11  | 18 11  | 3 118  | 3 118          | 118 |      |     |         | Ī |
| Z5 - Lok Ma Chau Loop<br>Filling   |     |     |       |       |     |      |      |     |      |     |     |     |     |     | İ     |     |     |      |             |     |      |     |     |     |     |     |         |        |        |                |     |      |     |         | Ī |
| Z5 - Lok Ma Chau Loop<br>Removing surcharge  |     |     |       |       |     |      |      |     |      |     |     |     |     |     |       |     |     |      |             |     |      |     |     |     |     |     |         |        |        |                |     |      |     |         | Ī |
| Z5 - Lok Ma Chau Loop<br>Internal Road, utilities construction   |     |     |       |       |     |      |      |     | 116  | 116 | 116 | 116 | 116 | 116 | 116   | 116 | 116 | 116  | 116         | 116 |      |     |     |     |     |     |         |        |        | T              |     |      |     |         | 1 |
| L1 - LMC Station Connection (between Tun Yu Road and Ha Wan Tsuen Road) Paving                               |     |     |       |       |     |      |      |     |      |     |     |     |     |     |       |     |     |      |             |     |      |     |     |     |     |     |         |        | T      |                |     |      |     |         | 1 |
| L2 - LMC Station Connection (Bridge Section) Paving  |     |     |       |       |     |      |      |     |      |     |     |     |     |     |       |     |     |      |             |     |      |     |     |     |     |     |         |        | T      |                |     |      |     |         | 1 |
| L3 - LMC Station Connection (Bridge Section) Paving  |     |     |       |       |     |      |      |     |      |     |     |     |     |     |       |     |     |      |             |     |      |     |     |     |     |     |         |        |        | T              |     |      |     |         | 1 |
| L4 - LMC Station Connection (Bridge Section) Paving  |     |     |       |       |     |      |      |     |      |     |     |     |     |     |       |     |     |      |             |     |      |     |     |     |     |     |         | $\top$ |        |                | 1   |      |     |         | 1 |
| L5 - LMC Station Connection (Bridge Section) Paving  |     |     |       |       |     |      |      |     |      |     |     |     |     |     |       |     |     |      |             |     |      |     |     |     |     |     |         |        | T      |                |     |      |     |         | 1 |
| L6 - LMC Station Connection (Bridge Section) Paving  |     |     |       |       |     |      |      |     |      |     |     |     |     |     |       |     |     |      |             |     |      |     |     |     |     |     |         |        | T      |                |     |      |     |         | Ī |
|  | -   |     |       | -     |     |      |      |     |      |     |     |     | •   | -   |       | •   |     |      | •           | -   | •    |     |     |     |     |     |         |        |        |                |     | -    |     |         | - |

Planning Department and
Agreement No. CE 53/2008 (CE)
Civil Engineering and Development Department
Development of Lok Ma Chau Loop – Investigation
Development of Lok Ma Chau Loop – Investigation

Project: Planning and Engineering Study on

Development of Lok Ma Chau Loop - Investigation

Title : Construction Noise Calculation

Scenario : Unmitigated Scenario

S17 - Eastern Connection Road
Earthwork, paving, retaining structure construction
S18 - Eastern Connection Road
Earthwork, paving, retaining structure construction
S19 - Eastern Connection Road
Earthwork, paving
S20 - Eastern Connection Road
Earthwork, paving
KTN NDA - Concurrent Project
Earthwork, paving
R1 - Reservoir Construction
Earthwork, paving

Subtitle: Final EIA Activities S5 - Permanent Crossing across meander xcavation S5 - Permanent Crossing across meander 113 Advance Road Work, Noise Mitigation, Temp Bridge S7 - Permanent Crossing across meander 113 113 Advance Road Work, Noise Mitigation, Temp Bridge S7 - Lok Ma Chau Road Improvement Works Section 3 115 115 115 115 115 115 S8 - Permanent Crossing across meander Advance Road Work, Noise Mitigation, Temp Bridge 113 113 113 113 S8 - Lok Ma Chau Road Improvement Works Section 4 115 mprovement Works S9 - Lok Ma Chau Road Improvement Works Section 5 S10 - Lok Ma Chau Road Improvement Works Section 6 S11 - Lok Ma Chau Road Improvement Works Section 7 nrovement Works S12 - Lok Ma Chau Road Improvement Works Section 8 116 116 116 116 116 116 116 mprovement Works S13 - Lok Ma Chau Road Improvement Works Section 9 S14 - Eastern Connection Road Inderpass construction S15 - Eastern Connection Road Earthwork, paving, retaining structure construction S16 - Eastern Connection Road

**Project**: Planning and Engineering Study on Development of Lok Ma Chau Loop - Investigation

Construction Noise Calculation

| Subtitle: Final EIA  |           |               |           |        |        |          |       |       |       |         |        |        |                |        |        |       |          |     |           |           |        |         |         |     |        |          |        |      |         |          |         |         |
|--|-----------|---------------|-----------|--------|--------|----------|-------|-------|-------|---------|--------|--------|----------------|--------|--------|-------|----------|-----|-----------|-----------|--------|---------|---------|-----|--------|----------|--------|------|---------|----------|---------|---------|
| Activities   | len   Feb | March Apr May | 2017      | Aug Co | nt Cot | Mey L De | e lee | Fab I | March | Anz Mo  | 2018   |        | Nua   Cant   O | et Nev | Dec le | n Fab | March An | May | 2019      | . I Acces | Cont C | et This | . T Dee | lan | Cob II | Moreh A  | er Me  | 2020 |         | a I Cont | I Oat I | New Dee |
| S5 - Permanent Crossing across meander<br>Excavation                                       | Jan Feb   | March Apr May | June July | Aug Se | pt Oct | NOV De   | c Jan | Feb   | March | Apr May | y June | July F | Aug Sept O     | Ct NOV | Dec Ja | n Feb | March Ap | мау | June July | / Aug     | Sept C | Ct NO   | v Dec   | Jan | reb i  | march Ap | pr May | June | July At | ig Sept  | Oct     | NOV Dec |
| S5 - Permanent Crossing across meander<br>Advance Road Work, Noise Mitigation, Temp Bridge |           |               |           |        |        |          |       |       |       |         |        |        |                |        |        |       |          |     |           |           |        |         |         |     |        |          |        |      |         |          |         |         |
| S7 - Permanent Crossing across meander<br>Advance Road Work, Noise Mitigation, Temp Bridge |           |               |           |        |        |          |       |       |       |         |        |        |                |        |        |       |          |     |           |           |        |         |         |     |        |          |        |      |         |          |         |         |
| S7 - Lok Ma Chau Road Improvement Works Section 3<br>Improvement Works                     |           |               |           |        |        |          |       |       |       |         |        |        |                |        |        |       |          |     |           |           |        |         |         |     |        |          |        |      |         |          |         |         |
| S8 - Permanent Crossing across meander<br>Advance Road Work, Noise Mitigation, Temp Bridge |           |               |           |        |        |          |       |       |       |         |        |        |                |        |        |       |          |     |           |           |        |         |         |     |        |          |        |      |         |          |         |         |
| S8 - Lok Ma Chau Road Improvement Works Section 4 Improvement Works                        | 115 115   | 115 115 115   | 115 115   | 115 11 | 5 115  |          |       |       |       |         |        |        |                |        |        |       |          |     |           |           |        |         |         |     |        |          |        |      |         |          |         |         |
| S9 - Lok Ma Chau Road Improvement Works Section 5<br>Improvement Works                     |           |               |           |        |        | 115 11:  | 5 115 | 115   |       |         |        |        |                |        |        |       |          |     |           |           |        |         |         |     |        |          |        |      |         |          |         |         |
| S10 - Lok Ma Chau Road Improvement Works Section 6<br>Improvement Works                    |           |               |           |        |        |          |       |       | 115   | 115 115 | 115    |        |                |        |        |       |          |     |           |           |        |         |         |     |        |          |        |      |         |          |         |         |
| S11 - Lok Ma Chau Road Improvement Works Section 7 Improvement Works                       |           |               |           |        |        |          |       |       |       |         |        | 115    | 115 115 1°     | 15     |        |       |          |     |           |           |        |         |         |     |        |          |        |      |         |          |         |         |
| S12 - Lok Ma Chau Road Improvement Works Section 8<br>Improvement Works                    | 116 116   | 116 116 116   | 116 116   | 116    |        |          |       |       |       |         |        |        |                |        |        |       |          |     |           |           |        |         |         |     |        |          |        |      |         |          |         |         |
| S13 - Lok Ma Chau Road Improvement Works Section 9<br>Improvement Works                    |           |               |           | 11     | 6 116  | 116 110  | 6 116 | 116   | 116   | 116 116 | 116    | 116    | 116 116 1      | 16     |        |       |          |     |           |           |        |         |         |     |        |          |        |      |         |          |         |         |
| S14 - Eastern Connection Road<br>Underpass construction                                    |           |               |           |        |        |          |       |       |       |         |        |        |                |        |        |       |          |     |           |           |        |         |         |     |        |          |        |      |         |          |         |         |
| S15 - Eastern Connection Road<br>Earthwork, paving, retaining structure construction       |           |               |           |        |        |          |       |       |       |         |        |        |                |        |        |       |          |     |           |           |        |         |         |     |        |          |        |      |         |          |         |         |
| S16 - Eastern Connection Road<br>Bridge construction                                       |           |               |           |        |        |          |       |       |       |         |        |        |                |        |        |       |          |     |           |           |        |         |         |     |        |          |        |      |         |          |         |         |
| S17 - Eastern Connection Road Earthwork, paving, retaining structure construction          |           |               |           |        |        |          |       |       |       |         |        |        |                |        |        |       |          |     |           |           |        |         |         |     |        |          |        |      |         |          |         |         |
| S18 - Eastern Connection Road<br>Earthwork, paving, retaining structure construction       |           |               |           |        |        |          |       |       |       |         |        |        |                |        |        |       |          |     |           |           |        |         |         |     |        |          |        |      |         |          |         |         |
| S19 - Eastern Connection Road<br>Earthwork, paving   |           |               |           |        |        |          |       |       |       |         |        |        |                |        |        |       |          |     |           |           |        |         |         |     |        |          |        |      |         |          |         |         |
| S20 - Eastern Connection Road<br>Earthwork, paving   |           |               |           |        |        |          |       |       |       |         |        |        |                |        |        |       |          |     |           |           |        |         |         |     |        |          |        |      |         |          |         |         |
| KTN NDA - Concurrent Project<br>Earthwork, paving  |           |               |           |        |        |          |       |       |       |         |        |        |                |        |        |       |          |     |           |           |        |         |         |     |        |          |        |      |         |          |         |         |
| R1 - Reservoir Construction<br>Earthwork, paving   |           |               |           |        |        |          |       |       |       |         |        |        |                |        |        |       |          |     |           |           |        |         |         |     |        |          |        |      |         |          |         |         |

**Project**: Planning and Engineering Study on Development of Lok Ma Chau Loop - Investigation

Construction Noise Calculation

| Subtitle: Final EIA  |     |        |          |        |          |          |       |        |           |           |          |        |              |         |        |          |        |            |        |          |         |     |       |           |     |           |        |        |         |
|--|-----|--------|----------|--------|----------|----------|-------|--------|-----------|-----------|----------|--------|--------------|---------|--------|----------|--------|------------|--------|----------|---------|-----|-------|-----------|-----|-----------|--------|--------|---------|
| Activities   |     |        |          |        | 2021     |          |       |        |           |           | 2        | 2022   |              |         |        |          |        | 2023       |        |          |         |     |       |           |     | 2024      |        |        |         |
| 05 D   | Jan | Feb Ma | arch Apr | May Ju | ine July | Aug Sept | Oct N | ov Dec | Jan Feb I | March Apr | May June | July . | Aug Sept Oct | Nov Dec | Jan Fe | eb March | Apr Ma | ay June Ju | ly Aug | Sept Oct | Nov Dec | Jan | Feb M | larch Apr | May | June July | Aug Se | ıt Oct | Nov De  |
| S5 - Permanent Crossing across meander<br>Excavation                                       |     |        |          |        |          |          |       |        |           |           |          |        |              |         |        |          |        |            |        |          |         |     |       |           |     |           |        |        | .       |
| S5 - Permanent Crossing across meander<br>Advance Road Work, Noise Mitigation, Temp Bridge |     |        |          |        |          |          |       |        |           |           |          |        |              |         |        |          |        |            |        |          |         |     |       |           |     |           |        |        |         |
| S7 - Permanent Crossing across meander<br>Advance Road Work, Noise Mitigation, Temp Bridge |     |        |          |        |          |          |       |        |           |           |          |        |              |         |        |          |        |            |        |          |         |     |       |           |     |           |        |        |         |
| S7 - Lok Ma Chau Road Improvement Works Section 3<br>Improvement Works                     |     |        |          |        |          |          |       |        |           |           |          |        |              |         |        |          |        |            |        |          |         |     |       |           |     |           |        |        |         |
| S8 - Permanent Crossing across meander<br>Advance Road Work, Noise Mitigation, Temp Bridge |     |        |          |        |          |          |       |        |           |           |          |        |              |         |        |          |        |            |        |          |         |     |       |           |     |           |        |        |         |
| S8 - Lok Ma Chau Road Improvement Works Section 4 Improvement Works                        |     |        |          |        |          |          |       |        |           |           |          |        |              |         |        |          |        |            |        |          |         |     |       |           |     |           |        |        |         |
| S9 - Lok Ma Chau Road Improvement Works Section 5<br>Improvement Works                     |     |        |          |        |          |          |       |        |           |           |          |        |              |         |        |          |        |            |        |          |         |     |       |           |     |           |        |        |         |
| S10 - Lok Ma Chau Road Improvement Works Section 6<br>Improvement Works                    |     |        |          |        |          |          |       |        |           |           |          |        |              |         |        |          |        |            |        |          |         |     |       |           |     |           |        |        |         |
| S11 - Lok Ma Chau Road Improvement Works Section 7<br>Improvement Works                    |     |        |          |        |          |          |       |        |           |           |          |        |              |         |        |          |        |            |        |          |         |     |       |           |     |           |        |        |         |
| S12 - Lok Ma Chau Road Improvement Works Section 8<br>Improvement Works                    |     |        |          |        |          |          |       |        |           |           |          |        |              |         |        |          |        |            |        |          |         |     |       |           |     |           |        |        |         |
| S13 - Lok Ma Chau Road Improvement Works Section 9<br>Improvement Works                    |     |        |          |        |          |          |       |        |           |           |          |        |              |         |        |          |        |            |        |          |         |     |       |           |     |           |        |        |         |
| S14 - Eastern Connection Road<br>Underpass construction                                    |     |        |          |        |          |          |       |        |           |           |          |        |              |         |        |          |        |            |        |          |         | 119 | 119 1 | 119 119   |     |           |        |        |         |
| S15 - Eastern Connection Road<br>Earthwork, paving, retaining structure construction       |     |        |          |        |          |          |       |        |           |           |          |        |              |         |        |          |        |            |        |          |         |     |       |           | 117 | 117 117   | 117 11 | 7 117  |         |
| S16 - Eastern Connection Road<br>Bridge construction                                       |     |        |          |        |          |          |       |        |           |           |          |        |              |         |        |          |        |            |        |          |         |     |       |           |     |           |        |        | 116 116 |
| S17 - Eastern Connection Road<br>Earthwork, paving, retaining structure construction       |     |        |          |        |          |          |       |        |           |           |          |        |              |         |        |          |        |            |        |          |         |     |       |           |     |           |        |        |         |
| \$18 - Eastern Connection Road Earthwork, paving, retaining structure construction         |     |        |          |        |          |          |       |        |           |           |          |        |              |         |        |          |        |            |        |          |         |     |       |           |     |           |        |        |         |
| S19 - Eastern Connection Road<br>Earthwork, paving   |     |        |          |        |          |          |       |        |           |           |          |        |              |         |        |          |        |            |        |          |         |     |       |           |     |           |        |        |         |
| S20 - Eastern Connection Road<br>Earthwork, paving   |     |        |          |        |          |          |       |        |           |           |          |        |              |         |        |          |        |            |        |          |         |     |       |           |     |           |        |        |         |
| KTN NDA - Concurrent Project<br>Earthwork, paving  |     |        |          |        |          |          |       |        |           |           |          |        |              |         |        |          |        |            |        |          |         |     |       |           |     |           |        | 117    | 117 117 |
| R1 - Reservoir Construction<br>Earthwork, paving   |     |        |          |        |          |          |       |        |           |           |          |        |              |         |        |          |        |            |        |          |         | 128 | 128 1 | 128 128   | 128 | 128 128   | 128 12 | 8 128  | 128 12  |

**Project**: Planning and Engineering Study on Development of Lok Ma Chau Loop - Investigation

Construction Noise Calculation

| Subtitle: Final EIA  |       |          |     |          |     |     |      |     |     |     |     |     |       |     |     |     |     |     |      |     |     |     |     |     |       |     |     |     |     |     |      |     |     |     |
|--|-------|----------|-----|----------|-----|-----|------|-----|-----|-----|-----|-----|-------|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|-------|-----|-----|-----|-----|-----|------|-----|-----|-----|
| Activities   | 1     |          |     | 21       | 025 |     |      |     |     | - 1 |     |     |       |     |     | 20  | 26  |     |      |     |     |     |     |     |       |     |     | 21  | 027 |     |      |     |     | —   |
| ACCUPITOS  | Jan F | eb March | Apr | May June |     | Aug | Sept | Oct | Nov | Dec | Jan | Feb | March | Apr | May |     |     | Aug | Sept | Oct | Nov | Dec | Jan | Feb | March | Apr | May |     |     | Aug | Sept | Oct | Nov | Dec |
| S5 - Permanent Crossing across meander<br>Excavation                                       |       |          |     |          |     |     |      |     |     |     |     |     |       |     |     |     |     |     |      |     |     |     |     |     |       |     |     |     |     |     |      |     |     |     |
| S5 - Permanent Crossing across meander<br>Advance Road Work, Noise Mitigation, Temp Bridge |       |          |     |          |     |     |      |     |     |     |     |     |       |     |     |     |     |     |      |     |     |     |     |     |       |     |     |     |     |     |      |     |     |     |
| S7 - Permanent Crossing across meander<br>Advance Road Work, Noise Mitigation, Temp Bridge |       |          |     |          |     |     |      |     |     |     |     |     |       |     |     |     |     |     |      |     |     |     |     |     |       |     |     |     |     |     |      |     |     |     |
| S7 - Lok Ma Chau Road Improvement Works Section 3 Improvement Works                        |       |          |     |          |     |     |      |     |     |     |     |     |       |     |     |     |     |     |      |     |     |     |     |     |       |     |     |     |     |     |      |     |     |     |
| S8 - Permanent Crossing across meander<br>Advance Road Work, Noise Mitigation, Temp Bridge |       |          |     |          |     |     |      |     |     |     |     |     |       |     |     |     |     |     |      |     |     |     |     |     |       |     |     |     |     |     |      |     |     |     |
| S8 - Lok Ma Chau Road Improvement Works Section 4<br>Improvement Works                     |       |          |     | İ        |     |     |      |     |     |     |     |     |       |     |     |     |     |     |      |     |     |     |     |     |       |     |     |     |     |     |      |     |     |     |
| S9 - Lok Ma Chau Road Improvement Works Section 5 Improvement Works                        |       |          |     |          |     |     |      |     |     |     |     |     |       |     |     |     |     |     |      |     |     |     |     |     |       |     |     |     |     |     |      |     |     |     |
| S10 - Lok Ma Chau Road Improvement Works Section 6<br>Improvement Works                    |       |          |     |          |     |     |      |     |     |     |     |     |       |     |     |     |     |     |      |     |     |     |     |     |       |     |     |     |     |     |      |     |     |     |
| S11 - Lok Ma Chau Road Improvement Works Section 7 Improvement Works                       |       |          |     |          |     |     |      |     |     |     |     |     |       |     |     |     |     |     |      |     |     |     |     |     |       |     |     |     |     |     |      |     |     |     |
| S12 - Lok Ma Chau Road Improvement Works Section 8<br>Improvement Works                    |       |          |     |          |     |     |      |     |     |     |     |     |       |     |     |     |     |     |      |     |     |     |     |     |       |     |     |     |     |     |      |     |     |     |
| S13 - Lok Ma Chau Road Improvement Works Section 9 Improvement Works                       |       |          |     |          |     |     |      |     |     |     |     |     |       |     |     |     |     |     |      |     |     |     |     |     |       |     |     |     |     |     |      |     |     |     |
| S14 - Eastern Connection Road<br>Underpass construction                                    |       |          |     |          |     |     |      |     |     |     |     |     |       |     |     |     |     |     |      |     |     |     |     |     |       |     |     |     |     |     |      |     |     |     |
| S15 - Eastern Connection Road Earthwork, paving, retaining structure construction          |       |          |     |          |     |     |      |     |     |     |     |     |       |     |     |     |     |     |      |     |     |     |     |     |       |     |     |     |     |     |      |     |     |     |
| S16 - Eastern Connection Road<br>Bridge construction                                       | 116 1 | 16 116   | 116 |          |     |     |      |     |     |     |     |     |       |     |     |     |     |     |      |     |     |     |     |     |       |     |     |     |     |     |      |     |     |     |
| S17 - Eastern Connection Road Earthwork, paving, retaining structure construction          |       |          |     | 116 116  | 116 | 116 | 116  | 116 |     |     |     |     |       |     |     |     |     |     |      |     |     |     |     |     |       |     |     |     |     |     |      |     |     |     |
| S18 - Eastern Connection Road Earthwork, paving, retaining structure construction          |       |          |     |          |     |     |      |     | 116 | 116 | 116 | 116 | 116   |     |     |     |     |     |      |     |     |     |     |     |       |     |     |     |     |     |      |     |     |     |
| S19 - Eastern Connection Road<br>Earthwork, paving   |       |          |     |          |     |     |      |     |     |     |     |     |       | 117 | 117 | 117 | 117 | 117 |      |     |     |     |     |     |       |     |     |     |     |     |      |     |     |     |
| S20 - Eastern Connection Road<br>Earthwork, paving   |       |          |     |          |     |     |      |     |     |     |     |     |       |     |     |     |     |     | 117  | 117 | 117 | 117 | 117 | 117 |       |     |     |     |     |     |      |     |     |     |
| KTN NDA - Concurrent Project<br>Earthwork, paving  | 117 1 | 17 117   |     |          |     |     |      |     |     |     |     |     |       |     |     |     |     |     |      |     |     |     |     |     |       |     |     |     |     |     |      |     |     |     |
| R1 - Reservoir Construction<br>Earthwork, paving   | 128 1 | 28 128   | 128 | 128 128  | 128 | 128 | 128  | 128 | 128 | 128 | 128 | 128 | 128   | 128 | 128 | 128 | 128 | 128 | 128  | 128 | 128 | 128 | 128 | 128 | 128   | 128 | 128 | 128 | 128 | 128 | 128  | 128 | 128 | 128 |