## CONTRACT NO. HY/2004/09 IMPROVEMENTS TO SAN TIN INTERCHANGE

Landscape and Visual Resources Inspection Report No. 22 (13th and 24th April 2007)

Checklist landscape mitigation measure monitoring at construction stage

|   |   | (LMM  |   |   |   |
|---|---|---|---|---|---|
| Location  |   | mplia   |   | Notes/ Remarks  | Items to be monitored   |
|   | Yes   | No  | N/A   |   |   |
| I. Division North 1   | X   |   |   | Transplanted trees in the nurseries are in fair condition. Contractor is<br>reminded to carry out routine maintenance operation including removing  | - Identification of trees<br>- Root cutting   |
| 2. Dívision North 2   | LX.   |   |   | weeds and litter within the nursery area.   | - Crown pruning   |
| 3. Division South   | X   |   |   | Some trees are leaning to one siide, the contractor is reminded to straighten those trees.  The contractor is reminded to remove litter within the nursery areas.   | - Lifting and relocation  |
| Advance boundary but  | for play  | oting   | (I NANA   | 2)  |   |
| Advance boundary but  | <del></del>   | <del></del>   |   |   |   |
| Location  | Yes   | mplia<br>No   | N/A   | Notes/ Remarks  | Items to be monitored   |
| . Division North 1  |   |   | X   | Not yet commenced.  | - Monitoring implementation and maintenance of  |
| 2. Division North 2   | <b> </b>  |   | Х   |   | planting  |
| 3. Division South   | ***************************************               |   | X   |   |   |
| Advance screen plantii  |   |   | j   |   |   |
| Location  | Co.<br>Yes  | mplia<br>No   | nce<br>N/A  | Notes/ Remarks  | Items to be monitored   |
| L Division North 1  |   |   | Х   | Not yet commenced.  | - Monitoring implementation and maintenance of  |
| 2. Division North 2   |   |   | Χ   |   | planting  |
| 3. Division South   |   |   | Х   |   |   |
| Soil conservation (LMN  |   |   | ·   |   |   |
| Location  | Cor<br>Yes  | mplia<br>No   | nce<br>N/A  | Notes/ Remarks  | Items to be monitored   |
| . Division North 1  | X   | .10   | 17/5  | N/A   | - Existing soil will be conserved in stockpiles with  |
| 2. Division North 2   | X   |   |   |   | max. height of 2m   |
| 3. Division South   | X   |   |   |   | All material stockpiles should be covered with impermeable material     Sandbagging diversions should be placed around exposed soil     Least obstruction to residential and pedestrian |
| Sensitive design and c  | hromat  | ic trea   | atmeni  | t for the viaduct (LMM7)  |   |
|   |   | mpliance<br>No N/A  |   | Notes/ Remarks  | Items to be monitored   |
| Location  | Cor<br>Yes  | No  | N/A   |   |   |
|   |   |   | N/A<br>X  | It is noticed that the design has been approved by ACABAS, and the  |   |
| . Division North 1  |   |   |   | Contractor was requested to pass the ET one set of the approved drawings  |   |
| . Division North 1<br>. Division North 2<br>. Division South  | Yes   | No  | X<br>X<br>X   |   |   |
| . Division North 1<br>. Division North 2<br>. Division South  | Yes   | No  | X<br>X<br>X   | Contractor was requested to pass the ET one set of the approved drawings  |   |
| . Division North 1<br>Division North 2<br>3. Division South   | Yes<br>e barrie                                       | No  | X<br>X<br>X<br>M8)  | Contractor was requested to pass the ET one set of the approved drawings  | Items to be monitored   |
| . Division North 1<br>2. Division North 2<br>3. Division South<br>Semi-transparent noise<br>Location  | Yes<br>barrie   | No<br>Pr(LMI<br>mpliai                                    | X<br>X<br>X<br>M8)<br>nce<br>N/A                          | Contractor was requested to pass the ET one set of the approved drawings for monitoring purpose.  Notes/ Remarks  It is noticed that the design has been submitted to ACABAS for approval and   | Items to be monitored   |
| . Division North 1<br>. Division North 2<br>. Division South<br>Semi-transparent noise<br>Location<br>. Division North 1  | Yes<br>barrie   | No<br>Pr(LMI<br>mpliai                                    | X<br>X<br>X<br>M8)<br>nce<br>N/A                          | Contractor was requested to pass the ET one set of the approved drawings for monitoring purpose.  Notes/ Remarks  It is noticed that the design has been submitted to ACABAS for approval and the contractor will pass the ET one set of the approved drawings for  | Items to be monitored   |
| . Division North 1<br>2. Division North 2<br>3. Division South<br>Gemi-transparent noise  | Yes<br>barrie   | No<br>Pr(LMI<br>mpliai                                    | X<br>X<br>X<br>M8)<br>nce<br>N/A<br>X                     | Contractor was requested to pass the ET one set of the approved drawings for monitoring purpose.  Notes/ Remarks  It is noticed that the design has been submitted to ACABAS for approval and   | Items to be monitored   |
| Division North 1 Division North 2 Division South Comi-transparent noise Location Division North 1 Division North 2 Division South   | Yes  barrie  Cor  Yes                                 | No<br>er(LMI<br>mpliar<br>No                              | X<br>X<br>X<br>M8)<br>nce<br>N/A<br>X<br>X                | Contractor was requested to pass the ET one set of the approved drawings for monitoring purpose.  Notes/ Remarks  It is noticed that the design has been submitted to ACABAS for approval and the contractor will pass the ET one set of the approved drawings for monitoring purpose.  | Items to be monitored   |
| . Division North 1 . Division North 2 . Division South  Semi-transparent noise  Location . Division North 1 . Division North 2 . Division South   | Yes barrie Cor Yes                                    | No<br>er(LMi<br>mpliar<br>No                              | X<br>X<br>M8)<br>nce<br>N/A<br>X<br>X                     | Contractor was requested to pass the ET one set of the approved drawings for monitoring purpose.  Notes/ Remarks  It is noticed that the design has been submitted to ACABAS for approval and the contractor will pass the ET one set of the approved drawings for monitoring purpose.  | Items to be monitored   |
| . Division North 1 . Division North 2 . Division South  Semi-transparent noise  Location . Division North 1 . Division North 2 . Division South   | Yes  barrie  Cor  Yes  mitigat                        | No<br>Pr(LMI<br>mplian<br>No<br>ion m                     | X<br>X<br>X<br>M8)<br>nce<br>N/A<br>X<br>X<br>X           | Contractor was requested to pass the ET one set of the approved drawings for monitoring purpose.  Notes/ Remarks  It is noticed that the design has been submitted to ACABAS for approval and the contractor will pass the ET one set of the approved drawings for monitoring purpose.  | Items to be monitored   |
| . Division North 1 . Division North 2 . Division South  Semi-transparent noise  Location . Division North 1 . Division North 2 . Division South   | Yes  barrie  Cor  Yes  nitigat  g nativ               | No Pr(LMi mplia No lion m re tree mplia                   | X<br>X<br>X<br>M8)<br>nce<br>N/A<br>X<br>X<br>X           | Contractor was requested to pass the ET one set of the approved drawings for monitoring purpose.  Notes/ Remarks  It is noticed that the design has been submitted to ACABAS for approval and the contractor will pass the ET one set of the approved drawings for monitoring purpose.  | Items to be monitored   |
| Division North 1 Division North 2 Division South Division South Division North 1 Division North 1 Division North 2 Division South Division South Division South Division South Division of fast growin  | Yes  barrie  Cor  Yes  mitigat                        | No<br>Pr(LMI<br>mplian<br>No<br>ion m                     | X<br>X<br>X<br>M8)<br>nce<br>N/A<br>X<br>X<br>X           | Contractor was requested to pass the ET one set of the approved drawings for monitoring purpose.  Notes/ Remarks  It is noticed that the design has been submitted to ACABAS for approval and the contractor will pass the ET one set of the approved drawings for monitoring purpose.  re monitoring at operation stage shrub mixes (LMM5)  Notes/ Remarks                     | Items to be monitored   |
| Division North 1 Division North 2 Division South  In Emi-transparent noise  Location Division North 1 Division North 2 Division South  In Emi-transparent noise  Location  Location of fast growin  Location  Division North 1  | Yes  barrie  Cor  Yes  nitigat  g nativ               | No Pr(LMi mplia No lion m re tree mplia                   | X<br>X<br>X<br>M8)<br>nce<br>N/A<br>X<br>X<br>x<br>neasu  | Contractor was requested to pass the ET one set of the approved drawings for monitoring purpose.  Notes/ Remarks  It is noticed that the design has been submitted to ACABAS for approval and the contractor will pass the ET one set of the approved drawings for monitoring purpose.  re monitoring at operation stage shrub mixes (LMM5)                                     | Items to be monitored - Compensatory ratio: >1:3  |
| Division North 1 Division North 2 Division South Division South Demi-transparent noise Location Division North 1 Division North 2 Division South Division South Division South Division of fast growin Location Division North 1 Division North 1   | Yes  barrie  Cor  Yes  nitigat  g nativ               | No Pr(LMi mplia No lion m re tree mplia                   | X<br>X<br>X<br>M8)<br>nce<br>N/A<br>X<br>X<br>X           | Contractor was requested to pass the ET one set of the approved drawings for monitoring purpose.  Notes/ Remarks  It is noticed that the design has been submitted to ACABAS for approval and the contractor will pass the ET one set of the approved drawings for monitoring purpose.  re monitoring at operation stage shrub mixes (LMM5)  Notes/ Remarks                     | Items to be monitored - Compensatory ratio: >1:3  |
| . Division North 1 . Division North 2 . Division South Semi-transparent noise Location . Division North 1 . Division North 2 . Division South  Checklist landscape is Selection of fast growin Location . Division North 1 . Division North 1 . Division North 2 . Division South                 | Yes  barrie Cor Yes  mitigat g nativ Cor Yes          | No  r(LMi mplia No  dion nr re tree mplia No              | X X X M8) nce N/A X X  A A A A A A A A A A A A A A A A    | Contractor was requested to pass the ET one set of the approved drawings for monitoring purpose.  Notes/ Remarks  It is noticed that the design has been submitted to ACABAS for approval and the contractor will pass the ET one set of the approved drawings for monitoring purpose.  re monitoring at operation stage shrub mixes (LMM5)  Notes/ Remarks  Not yet commenced. | Items to be monitored - Compensatory ratio: >1:3 - Compensatory planting will be planted along the  |
| . Division North 1 . Division North 2 . Division South Semi-transparent noise Location . Division North 1 . Division North 2 . Division South  Checklist landscape is Selection of fast growin Location . Division North 1 . Division North 1 . Division North 2 . Division South                 | yes barrie Cor Yes  mitigat g nativ Cor Yes  low via  | No  r(LMI mplian No  ion n re tree mplian No  duct mplial | X X X M8) nce N/A X X  reasu e and: nce N/A X X  (LMMence | Contractor was requested to pass the ET one set of the approved drawings for monitoring purpose.  Notes/ Remarks  It is noticed that the design has been submitted to ACABAS for approval and the contractor will pass the ET one set of the approved drawings for monitoring purpose.  re monitoring at operation stage shrub mixes (LMM5)  Notes/ Remarks  Not yet commenced. | Items to be monitored - Compensatory ratio: >1:3 - Compensatory planting will be planted along the  |
| . Division North 1 Division North 2 Division South Semi-transparent noise   | Yes  barrie Cor Yes  mitigat g nativ Cor Yes  low via | No  r(LMi mplia No  lion n re tree mplia No               | X X X M8) nce N/A X X A A A A A A A A A A A A A A A A A   | Contractor was requested to pass the ET one set of the approved drawings for monitoring purpose.  Notes/ Remarks  It is noticed that the design has been submitted to ACABAS for approval and the contractor will pass the ET one set of the approved drawings for monitoring purpose.  re monitoring at operation stage shrub mixes (LMM5)  Notes/ Remarks  Not yet commenced. | Items to be monitored  - Compensatory ratio: >1:3  - Compensatory planting will be planted along the edges to mitigate the landscape & visual impact                                    |
| Division North 1 Division North 2 Division South Semi-transparent noise Location Division North 1 Division North 2 Division South  Checklist landscape is Selection of fast growin Location Division North 1 Division North 1 Division North 2 Division North 2 Division North 2 Division North 2 | yes barrie Cor Yes  mitigat g nativ Cor Yes  low via  | No  r(LMI mplian No  ion n re tree mplian No  duct mplial | X X X M8) nce N/A X X A A A A A A A A A A A A A A A A A   | Contractor was requested to pass the ET one set of the approved drawings for monitoring purpose.  Notes/ Remarks  It is noticed that the design has been submitted to ACABAS for approval and the contractor will pass the ET one set of the approved drawings for monitoring purpose.  re monitoring at operation stage shrub mixes (LMM5)  Notes/ Remarks  Not yet commenced. | Items to be monitored  - Compensatory ratio: >1:3  - Compensatory planting will be planted along the edges to mitigate the landscape & visual impact                                    |

Report Prepared by: Ryan Lin

Date:27th April 2007

Title: ET - Registered Landscape Architect

Signature:



## Contract No. HY 2004/09 Improvements to San Tin Interchange Report No.: 043 Landscape and Visual Resources Inspection Report (Construction Phase)

| Date of Inspec | tion:                                    | 13 <sup>th</sup> April 2007                       | Time:                          | 10:00-11:00                        | Weather Condition:   | Sunny                   |      |
|----------------|--|---|--------------------------------|------------------------------------|--|-------------------------|------|
| Location(s) In | spected:                                 | Division North 1, Nor                             | th 2 & South                   |                                    |  |                         |      |
|                |  |   |                                |                                    |  |                         |      |
| Are Works in   | -  |   |                                |                                    |  | Υ                       | N    |
|                |  | d requirements in the                             |                                | -                                  |  | $\overline{\mathbf{V}}$ |      |
|                |  | d requirements in the                             |                                | A Manual                           |  |                         |      |
| 3. Requireme   | nts in the E                             | invironmental Permit I                            | EP-190/2004                    |                                    |  | $\overline{\mathbf{V}}$ |      |
| Description of | Environm                                 | ental Non-compliand                               | ce or Deficier                 | ncy (if any):                      |  |                         |      |
| Nil.           |  |   |                                |                                    |  |                         |      |
| Remedial Acti  | ons – Mitiç                              | gation Measures Imp                               | lemented or                    | Proposed (if a                     | ny):   |                         |      |
| Nil.           |  |   |                                |                                    |  |                         |      |
| Remarks:       |  |   |                                |                                    |  |                         |      |
|                |  | erved to be slanted in t<br>low them to grow prop |                                | ation nursery in                   | N2 Division. They should                                   | be                      | •    |
| Division.      | such as pla<br>The Contra<br>I refuse on | actor was reminded to                             | to have been<br>clear up the r | discarded insid<br>ubbish and prov | e the transplantation nurse<br>vided receptacles for prope | ery in N1<br>er collect | ion  |
|                | r was remii                              |   |                                |                                    | in the N1 Division area. Tarrange them to contain th       |                         | side |
| Prepared by    | : Howa                                   | rd Chan   |                                | Title :                            | ET – Environmental Tecl                                    | nnician                 |      |
| Signature      | : -Ho                                    | word  |                                | Date :                             | 16 <sup>th</sup> April 2007                                |                         |      |
| Reviewed by    | : Ryan                                   | Lin   |                                | Title :                            | ET - Registered Landsca                                    | ıpe Archi               | tect |
| Signature      |  |   | *                              | Date :                             | 16 <sup>th</sup> April 2007                                | •                       |      |
| Reviewed and   |  |   |                                |                                    |  |                         |      |
| approved by    | : Susar                                  | na Bezy   |                                | Title :                            | Environmental Team Lea                                     | ıder                    |      |
| Signature      | : <                                      |   |                                | Date :                             | 17 <sup>th</sup> April 2007                                |                         |      |

## Contract No. HY 2004/09 Improvements to San Tin Interchange Report No.: 044 Landscape and Visual Resources Inspection Report (Construction Phase)

| Date of Inspe  | ction:   | 24 <sup>th</sup> April 2007  | Time:  | 14:30–15:30  | Weather Condition:  | Cloudy                                |
|--|--|--|--|--|---|---------------------------------------|
| Location(s) In   | spected:   | Division North 1, I  | North 2 & South  |  |   |                                       |
|  |  |  |  |  |   |                                       |
| Are Works in   | -  |  |  |  |   | ΥN                                    |
|  |  | d requirements in t  | <u>-</u>   | •  |   |                                       |
|  |  | d requirements in t  | •  | A Manual   |   |                                       |
| 3. Requireme   | ents in the E  | invironmental Pern   | nit EP-190/2004  |  |   |                                       |
| Description of   | f Environm   | ental Non-compli   | ance or Deficie  | ncy (if any):  |   |                                       |
| Nil.   |  |  |  |  |   |                                       |
| Remedial Act   | ions – Mitig   | gation Measures I  | mplemented or  | Proposed (if a   | nv):  |                                       |
| Nil.   |  |  |  |  |   |                                       |
| Remarks:   |  |  |  |  |   | -                                     |
| <ul> <li>Contractor</li> <li>the nurse</li> <li>Broken ferfencing si</li> <li>The trees</li> <li>straighter</li> </ul> | or was reminery.  encings were hould be replayed that were for the decided the medium. | nded to replace the<br>e found at the trans<br>placed to protect the<br>found slanted in the | e broken sandbag<br>splantation nurse<br>ne transplantation<br>e nursery in N2 E | gs and properly a<br>eries in both N1 a<br>n nurseries.<br>Division area dur | rea was found to be broke arrange them to contain the and N2 Division areas. The ing the last inspection having the last inspection has | ne soil inside<br>e broken<br>re been |
| Prepared by  | : Howa   | rd Chan  |  | Title :  | ET – Environmental Tecl   | nnician                               |
| Signature  | Hou  | word   |  | Date :   | 25 <sup>th</sup> April 2007   |                                       |
| Reviewed by  | : Ryan   | Lin  |  | Title :  | ET - Registered Landsca   | pe Architect                          |
| Signature  |  | — Mann   |  | Date :   | 26 <sup>th</sup> April 2007   |                                       |
| Reviewed and approved by   | : _Susar   | na Bezy  |  | Title :  | Environmental Team Lea  | ader                                  |
| Signature  | : <  |  |  | Date :   | 27 <sup>th</sup> April 2007   |                                       |