

Mitigation planting for tree loss – Havant Footbridge replacement - detailed proposals																														
Project reference	SS24726 P-HBC-HavantFootbridge-TECHMIT-1.0 P-HBC-HavantSTnFbridg-SS2476-MITIGATION-2.0 – including detailed proposals following a site visit with HBC officers – new text in turquoise																													
Related documents	P-HBD-HvntStnFtbrdg-SS24762-TRP-1.0 P-HBC-HvntStnFtbrdg-SS24762-AIA-1.51																													
Scope	<p>Planting proposals to replace lost canopy cover to replace the footbridge at Havant railway station.</p> <p>The trees are lost from both Havant Borough council land and from the Network Rail estate, so the mitigation has been apportioned according to the canopy cover lost from each realm.</p> <p>Based on canopy area lost the split is as follows:</p> <p>Havant Borough Council - 72.7%</p> <p>Network Rail - 24.8%</p> <p>Private (hopefully retained) - 2.5%</p> <p>The proposal seeks to replace the lost canopy cover within the relevant owners’ land.</p> <p>The total loss is calculated as 420m²</p> <p>This equates to the following no of trees per estate:</p>																													
Mitigation required - Havant Borough Council – equivalent to 72.7% of the total	<table><tr><td>305</td><td>No of very small trees</td><td>No of small trees</td><td>No of medium trees</td><td>No of large trees</td><td>No of very large</td></tr><tr><td>In 10 years</td><td>44</td><td>24</td><td>11</td><td>4</td><td>1</td></tr><tr><td>In 25 years</td><td>32</td><td>11</td><td>6</td><td>3</td><td>1</td></tr><tr><td>Potential full size</td><td>32</td><td>11</td><td>5</td><td>2</td><td>1</td></tr></table>						305	No of very small trees	No of small trees	No of medium trees	No of large trees	No of very large	In 10 years	44	24	11	4	1	In 25 years	32	11	6	3	1	Potential full size	32	11	5	2	1
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Where	<p>Havant Park to the west of the proposal site has been posited as an option for consideration. As it is unlikely that all of the mitigation planting will be accommodated here, alternative HBC land needs to be identified.</p> <p>A site meeting on 04.03.26 was held with an HCC tree officer and two HBC officers (open spaces and trees).</p> <p>Thank you both for your time and input to the process.</p> <p>Three sites were identified by HBC as being suitable for planting new trees:</p> <ol style="list-style-type: none">1. Barton triangle2. Bidbury Mead recreation ground3. Havant park <p>These are discussed in more detail below with indicative planting plans and common names</p>																													

What	<p>The following plans and tables show indicative planting proposals for the tree sites.</p> <p>PLEASE NOTE: the total number of trees may vary as no underground investigations have been done. The following plans indicate potential for up to 37 trees, but it is likely that some planting locations will prove unsatisfactory. A minimum commitment of 30 trees is proposed.</p>																																																		
Private land The remaining 2.5% cover refers to the birch T5	<p>It is anticipated that this tree can be retained but until works start it is impossible to know the extent of damage that may be sustained (unavoidably) through the works.</p> <p>Therefore mitigation is included for this tree but may not be needed.</p>																																																		
Recommendations	That a commitment to plant a minimum of 30 trees is made to HBC to mitigate the loss of establish																																																		
<p>Planting location 1: Bartons Triangle</p> <p>Total 21 trees</p> <p>Access via</p> <p>Arrange with football ground or via HBC gate off Bartons Road</p> 																																																			
See detail at appendix A	<table> <tr> <th>No.</th><th>Species</th><th>Stock type</th><th>Stock size</th></tr> <tr> <td>2</td><td><i>Sequoia sempervirens</i></td><td>Containerised</td><td>1.5-2.0m</td></tr> <tr> <td>1</td><td><i>Sequoia giganteum</i></td><td>Containerised</td><td>1.5-2.0m</td></tr> <tr> <td>2</td><td><i>Metasequoia glyptostroboides</i></td><td>Containerised</td><td>1.5-2.0m</td></tr> <tr> <td>1</td><td><i>Liriodendron tulipifera</i></td><td>Containerised</td><td>10/12</td></tr> <tr> <td>3</td><td><i>Liquidambar styraciflua</i></td><td>Containerised</td><td>10/12</td></tr> <tr> <td>3</td><td><i>Acer davidii</i></td><td>Containerised</td><td>8/10</td></tr> <tr> <td>3</td><td><i>Nyssa sylvatica</i></td><td>Containerised</td><td>8/10</td></tr> <tr> <td>3</td><td><i>Persian ironwood</i></td><td>Containerised</td><td>8/10</td></tr> <tr> <td>2</td><td><i>Corylus colurna Te-Terra Red</i></td><td>Containerised</td><td>8/10</td></tr> <tr> <td>1</td><td><i>Koelreuteria paniculata</i></td><td>Containerised</td><td>8/10</td></tr> <tr> <td>21</td><td>Total no of trees</td><td></td><td></td></tr> </table>			No.	Species	Stock type	Stock size	2	<i>Sequoia sempervirens</i>	Containerised	1.5-2.0m	1	<i>Sequoia giganteum</i>	Containerised	1.5-2.0m	2	<i>Metasequoia glyptostroboides</i>	Containerised	1.5-2.0m	1	<i>Liriodendron tulipifera</i>	Containerised	10/12	3	<i>Liquidambar styraciflua</i>	Containerised	10/12	3	<i>Acer davidii</i>	Containerised	8/10	3	<i>Nyssa sylvatica</i>	Containerised	8/10	3	<i>Persian ironwood</i>	Containerised	8/10	2	<i>Corylus colurna Te-Terra Red</i>	Containerised	8/10	1	<i>Koelreuteria paniculata</i>	Containerised	8/10	21	Total no of trees		
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Planting location 2:
Bidbury Mead
including Keats Walk.

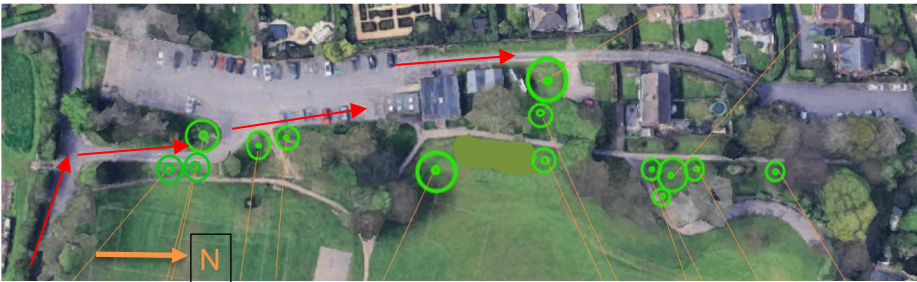
Note: Research into which trees are mentioned in Keats poetry included the following:

- 1. Beech
- 2. Apple
- 4. Yew
- 5. Cypress
- 6. Fir / Pine
- 7. Oak
- 8. Willow

Total 14 trees

Access via
Bidbury Lane.

Vehicles on hard
standing only.



No.	Species	Stock type	Stock size
1	<i>Quercus petraea</i>	Containerised	10/12
1	<i>Fagus sylvatica attro. purpurea</i>	Containerised	10/12
2	<i>Liquidambar styraciflua 'Worplesdon'</i>	Containerised	10/12
1	<i>Parrotia persica</i>	Containerised	8/10
1	<i>Nyssa sylvatica</i>	Containerised	8/10
2	<i>Magnolia grandiflora</i>	Containerised	8/10
2	<i>Magnolia x soulangeana</i>	Containerised	8/10
1	<i>Koelreuteria paniculata</i>	Containerised	8/10
2	<i>Malus toringo 'Browers Beauty'</i>	Containerised	8/10
1	<i>Salix babylonica 'Tortuosa'</i>	Containerised	8/10
14	Total no of trees	Containerised	8/10

Planting location 3:
Havant Park
Total 2 trees

Access via Market
Place
[///learns.reader.fool](http://learns.reader.fool)

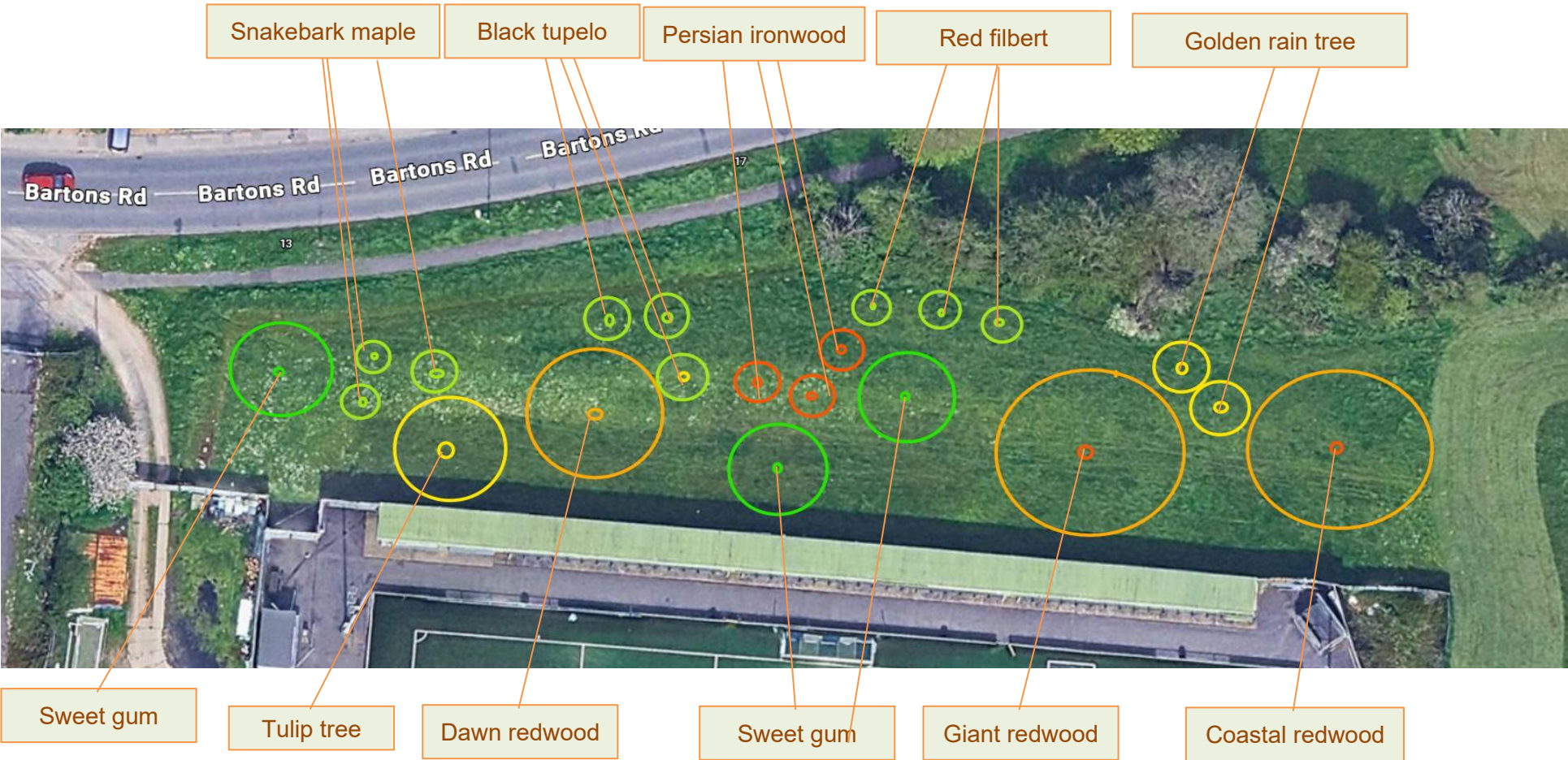
Vehicles on hard
standing only.



No.	Species	Stock type	Stock size
2	<i>Metasequoia glyptostroboides 'Goldrush'</i>	Containerised	1.5-2.0m

Mitigation required - Network Rail land equivalent to 24.8% of the total	<table><tr><th>104</th><th>No of very small trees</th><th>No of small trees</th><th>No of medium trees</th><th>No of large trees</th><th>No of very large</th></tr><tr><td>In 10 years</td><td>15</td><td>8</td><td>4</td><td>1</td><td>1</td></tr><tr><td>In 25 years</td><td>11</td><td>4</td><td>2</td><td>1</td><td>1</td></tr><tr><td>Potential full size</td><td>11</td><td>4</td><td>2</td><td>1</td><td>1</td></tr></table>	104	No of very small trees	No of small trees	No of medium trees	No of large trees	No of very large	In 10 years	15	8	4	1	1	In 25 years	11	4	2	1	1	Potential full size	11	4	2	1	1
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Where to plant: Network Rail estate land local to Havant Station shown in green.																									
What	<p>As an oak and sycamore are lost, it is desirable to replace with at least one oak. A native maple is offered as a useful alternative to the sycamore.</p> <p>1 x oak - <i>Quercus robur</i> or <i>Q. petraea</i></p> <p>1 x field maple - <i>Acer campestre</i>.</p> <p>Network Rail will be best able to recommend where on their land they prefer mitigation planting to go. Access will be with their own contractors.</p>																								
Contact details	<p>HCC arboriculture ArbConsult@hants.gov.uk</p> <p>Sarah Kiss, sarah.kiss2@hants.gov.uk 07718 146 759</p> <p>Engineer: Leonard Asiimwe: Leonard.Asiimwe@hants.gov.uk</p>																								

Appendix A Planting location 1: Bartons Triangle Total 21 trees



Appendix A Planting location 2 Havant Park - total 2 trees



Appendix A Planting location 3 Bidbury Mead – 14 trees

