

NORTH SOMERSET COUNCIL STRUCTURES SCHEMES 2020 – 2021

Project information			
Project Title	Hill Road (Herbert Gardens) Retaining Wall – Masonry Repairs 2020		
Structure Ref.	47W004		
Location	340720, 171646	Nearest Postcode	BS21 7NE
NSC Supervisor	Chandan Bhumpelly	Contact Number	01275 888293
Description of the Works			
<p>These works comprise the supply of all labour, materials and supervision to carry out masonry repairs to Hill Road (Herbert Gardens) Retaining Wall. The tasks required as part of this maintenance programme are laid out in the works specification below and are detailed on drawing number 47W004/NSC/C/2020/101. For ease of reference the sections of the retaining wall to be repaired have been split into two repair sections. See enclosed drawing for details of section locations.</p> <p>Works Specification:</p> <ol style="list-style-type: none"> Set up suitable work area and site compound including installation of traffic management as required. Vegetation clearance - clear vegetation growing on section of retaining wall to be repaired Carry out masonry repairs to repair section 1 – Re-pointing of approx. 7m long horizontal crack in wall stem. <ol style="list-style-type: none"> Rake out defective mortar to a minimum depth of 1.2 times the joint width or 20mm whichever is greater until clear of dust and loose particles. Remove all deposits and lichen/moss from the surfaces to be repointed. Carefully repoint raked out areas of mortar Deconstruct parapet wall along repair section 2 between the pilaster at the entrance to Herbert gardens and the edge of the park (approx. 8m in length) and store stone for reuse. Carry out masonry repairs to repair section 2 retaining wall stem - Re-bedding of loose/missing stone and repointing to be carried out to full extent of retaining element of wall (wall length: 8m, retaining height: varies from 0m to 1.6m). <ol style="list-style-type: none"> Carefully remove loose masonry units in wingwall Clean all removed stone and exposed joints, removing all existing mortar and plant material. Re-bed removed/missing masonry units using matching new stone where required. Rake out defective mortar to a minimum depth of 1.2 times the joint width or 20mm whichever is greater until clear of dust and loose particles. Remove all deposits and lichen/moss from the surfaces to be repointed. Carefully repoint raked out areas of mortar Re-build parapet wall along repair section 2 including reinstatement of coping to match existing. Existing stone to be used with matching new stone used where required. All newly rebuilt and repointed masonry to be protected from rain and frost. Remove traffic management and de-mobilise site compound. <p>Materials Specification:</p> <ul style="list-style-type: none"> Existing stone should be reused for the repair of the retaining wall where possible. If additional stone to that on site is required, stone matching the existing should be used. If additional stone is required a sample should be provided to the NSC supervising engineer for approval prior to use. Mortar specification to be agreed with NSC supervising engineer on site to match properties of existing mortar. <p>The contractor is responsible of the design, provision and maintenance of all temporary works including scaffolding, working platforms and temporary supports to the arch and wingwalls during works.</p>			

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Site Information
Location map
Site Boundaries
Extents of retaining wall and areas required on highway and in Herbert Gardens for working/storage. Contractor to inform NSC Structures of any TM required for working/storage so the relevant notices can be issued. Secure fencing to be provided by the contractor to prevent unauthorised access to the site.
Site Specific Risks
<ul style="list-style-type: none">• Use of scaffold tower or raised access platform to access upper section of wall• Working at height.• Falling debris.• Exposure to hazardous materials.• Interaction with members of the public• Instability of structure during maintenance• Risk to the public due to removal of parapet wall

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Additional Works Information			
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<p><u>Drawings</u></p> <p>A drawing showing the site layout and images of the works to be completed have been included in the works information.</p> <p><u>Access to the site</u></p> <p>Scaffolding or raised access platform may be required to access the upper sections of the retaining wall.</p> <p>Specialist access plant requires a permit application, to be authorised by NSC Streetworks.</p> <p style="color: red;">Contractor to provide NSC with any details of MEWPs or scaffolding to enable the permit application to be filled in.</p> <p style="color: red;">Contractor to inform NSC Structures of any road space required in order to undertake the works</p> <p style="color: red;">Contractor responsible for design and supply of any TM required.</p> <p><u>Working Hours</u></p> <p>The hours of operation of the site shall be restricted to 0730 to 1800 hours Monday to Friday and 0800 to 1300 Saturday. No work shall be permitted outside of these hours without the permission of the Project Manager.</p> <p><u>Parking</u></p> <p>Contractor parking to be within agreed site area or on-street in accordance with parking regulations.</p> <p><u>Storage of materials, fuels or chemicals</u></p> <p>The contractor is to make their own arrangements for the storage of materials.</p> <p>Materials should be stored in a safe manner at a location agreed with the North Somerset Council Structures team.</p> <p>Materials are not to be stored on the highway without an NSC approved “Application to deposit building materials on the highway” permit. Contractor to confirm if a permit will be required.</p> <p>All materials and equipment to be store securely over night.</p> <p><u>Pollution, Ecological or Environmental Impacts</u></p> <p>Drip trays and spill kits to be available and used where required.</p> <p>Measures to be taken to ensure all works, and detritus arising from the works, are removed from site.</p> <p><u>Access to Information following Completion</u></p> <p>Any relevant product/contractor guarantees and QA/Materials Site Record sheets to be submitted to the NSC Engineer following completion of the works.</p> <p><u>Programme</u></p> <p>Start date and duration to be defined by contractor.</p> <p><u>Services and Other things provided by NSC</u></p> <p>NSC Structures to apply for specialist access permits if required (TBC by contractor).</p> <p><u>Submission of documentation to NSC following completion of works</u></p> <p>Product information, specification and any relevant certification to be sent to NSC.</p> <p><u>Photographs</u></p> <p>General and defect pictures of the structure included.</p> <p><u>Historic Drawings</u></p> <p>None Available</p> <p><u>Utility Plans</u></p> <p>N/A</p>			
Prepared by	A. Meilton	Date	27/07/2020
Checked by	C. Bhumpelly	Date	10/02/2021