|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Logo Fulton Hogan AUS_CMYK_150dpi | | **Inspection and Test Plan - Control and Supervision of the Works** | | | | | | | | **Document #**  **FHC-ITP-001** | | |
| Revision : 1 | 23/01/2024 | |
|  | | | | | | | | | | | | |
| **Client:** | **MRPA** |  | **Construction Process:** |  | Prepared by: |  | Reviewed by : | |  | Approved by : |  |  |
| **Project:** | **Fitzgerald Road Carpark** | | ***Clearing and Grubbing*** |  | Name: **Fynn Riddick** | | Name: Justin Sciacca | |  | Name: |  |  |
| **Job No:** |  | | **Specifications:** VicRoads Specifications Section 201 | |  |  |  | |  |  |  |  |
|  |  | | **Structure / Component:** Earthworks/Civil |  | Signed : |  | Signed : | |  | Signed : |  |  |
|  |  | | **Location:** Fitzgerald Road Level Crossing Removal Project | | Date : 18/01/2024 | | Date : 25/01/24 | |  | Date : |  |  |
|  | | | | | | | | | | | | |
| **Lot No:** |  | **Lot Details:** |  |  |  |  | **Lot Size/ Quantity:** | | |  |  |  |
|  | | | | | | | | | | | | |
| **Item** | **Task/Activity Description** | **Inspection / Controls and Verification Detail** | | | | | **HP/ WP/ AP/ IP/ TP/ SCP** | **Responsibility** | **Checked by:** | | | |
| **No.** | **Frequency** | **Acceptance Criteria** | **Reference Documents** | **Inspection / Test Method** | **Record of conformity** | Project Engineer  Site Engineer Superintendent Surveyor Foreman | **Client** | **Fulton Hogan** | **FH's Sub- contractor** | **Date** |
| **1** | **Preliminary Works** | | | | | | | | | | | |
| 1.1 | Check for correct documentation | Prior to commencing any activity | Ensure that all employees and subcontractors  are:  - using the correct and complete set of drawings  -all drawings are the latest revision | Drawings and drawing registers | Visual inspection | This ITP signed | **HP\*** | Site Engineer / Site Foreman | N/A |  | N/A |  |
| 1.2 | Implementation of all measures and controls | Prior to commencing any activity | All necessary measures and controls are being implemented, that is: OHSCP, PHSCP, PCMP, EMP, ECP, CEMP, ERA, QMP, CHMP, SWMS | OHSCP, PHSCP, PCMP, EMP, ECP, CEMP, ERA, QMP, CHMP, SWMS | Visual Inspection | This ITP signed | **HP\*** | Site Engineer / Site Foreman | N/A |  | N/A |  |
| 1.3 | Flora & Fauna | Prior to  commencing clearing | A qualified ecologist and/or botanist has examined trees to be removed and/or any fallen logs affected by works and provided written clearance for removal; has provided advice on alternative fauna habitat sites if applicable and be present on the site during any relocation works if required. | EMP, ECP | Visual Inspection | This ITP Signed off | **IP** | Site Engineer / Site Foreman | N/A |  | N/A |  |
| 1.4 | Permit to distrurb flora & fauna | Prior to  commencing clearing | MRPA has already obtained permits and/or approvals to disturb flora/fauna sites. Ensure that a copy of these permits are obtained prior to the commencement of tree removal works. | EMP, ECP | Visual Inspection | This ITP Signed off | **IP** | Project Engineer | N/A |  | N/A |  |
| **2** | **Clear & Grub** | | | | | | | | | | | |
| 2.1 | Define work area | Prior to  commencing clearing | The work area has been determined, and the extent of clear and grub has been reviewed by Fulton Hogan and the Superintendent. Any trees to be removed have been clearly marked and  confirmed on site. | 201.03 | Inspect | This ITP Signed off | **WP** | Project Engineer/ Superintendent |  |  |  |  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Item** | **Task/Activity Description** | **Inspection / Controls and Verification Detail** | | | | | **HP/ WP/ AP/ IP/ TP/ SCP** | **Responsibility** | **Checked by:** | | | |
| **No.** | **Frequency** | **Acceptance Criteria** | **Reference Documents** | **Inspection / Test Method** | **Record of conformity** | Project Engineer  Site Engineer Superintendent Surveyor Foreman | **Client** | **Fulton Hogan** | **FH's Sub- contractor** | **Date** |
| 2.2 | Joint Inspection to  Mark vegetation or habitat to be removed | Prior to  commencing clearing | Prior to removing any vegetation or habitat, the Contractor shall arrange an on-site inspection with the Superintendent to confirm and clearly identify and mark trees to be removed, consistent with Appendix O Tree Assessment Report. | Drawings 201.10 | Visual Inspection | This ITP Signed off | **HP** | Project Engineer/ Superintendent |  |  | N/A |  |
| 2.3 | Identify No-go Zones | Prior to  commencing clearing | Existing vegetation and native fauna habitat identified in the Contract to be retained, shall be identified as ‘No-Go Zones’ and protected by temporary fencing, consisting of, as a minimum, star pickets,wire support and parawebbing.  Signage shall be erected outside the limit of the of the vegetation or the habitat site, at intervals no less than 20 metres apart or as per the SSEMP  **Prior to any work onsite the contractor shall fence and sign all no go zone sites as per the EMP. Any works required inside TPZ shall be completed under the supervision of an**  **Arborist** | Drawings 201.10 | Visual Inspection | This ITP Signed off | **HP** | Project Engineer/ Superintendent |  |  | N/A |  |
| 2.4 | Clear felling distances of trees are adequate. | Prior to  commencing clearing | Ensure the clear distances are adequate and signage is inplace as planned. Trees shall be brought down in such manner as to avoid danger to personnel and traffic or damage to other trees, shrubs, structures or property outside the area being cleared or designated to be retained within the area being cleared. | 201.04 | Visual Inspection | This ITP Signed off | **IP** | Site Engineer / Site Foreman | N/A |  |  |  |
| 2.5 | Clear and grub trees and vegetation | After clearing | Vegetation in areas of site excavation have been cleared and grubbed to at least 0.3m below subgrade, all other vegetation and obstructions cleared to natural surface level  Tree branches extending over the carriageway shall be trimmed to provide minimum clearance of 6m above the carriageway surface. | 201.04  201.05  201.06 | Visual Inspection | This ITP Signed off | **IP** | Site Engineer / Site Foreman | N/A |  | N/A |  |
| 2.6 | Backfill holes | After clearing | Any holes produced from grubbing operations have been backfilled with similar material to the sorrounding material and compacted to the same degree to the sorrounding material. | 201.05 | Visual Inspection | This ITP Signed off | **IP** | Site Engineer / Site Foreman | N/A |  | N/A |  |
| 2.7 | Dispose of Trees and vegetation | After clearing | Trees that are to be removed shall be mulched to the extent possible and the mulch retained for use in the Landscaping Works.  Noxious weeds shall not be mulched. | 201.07 | Visual Inspection | This ITP Signed off | **IP** | Site Engineer / Site Foreman | N/A |  | N/A |  |
| 2.8 | Dispose of concrete, bituminous and other recyclable materials. | After clearing | Salvaged concrete, bituminous materials over 50mm and other recyclable materials have been sent to approved recycling establishments. | 201.07 | Visual Inspection | This ITP Signed off | **IP** | Site Engineer / Site Foreman | N/A |  | N/A |  |
| The signature below verifies that this ITP has been completed in accordance with the FH’s Quality system Procedures and verifies lot compliance with specifications. | | | | | | | | | | | | |
|  | Print Name: | Position: |  | Signature: |  |  |  |  | Date: / / | |  |  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Item** | **Task/Activity Description** | | **Inspection / Controls and Verification Detail** | | | | | **HP/ WP/ AP/ IP/ TP/ SCP** | **Responsibility** | **Checked by:** | | | |
| **No.** | **Frequency** | **Acceptance Criteria** | **Reference Documents** | **Inspection / Test Method** | **Record of conformity** | Project Engineer  Site Engineer Superintendent Surveyor Foreman | **Client** | **Fulton Hogan** | **FH's Sub- contractor** | **Date** |
|  | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | |
| ***Legend*** | | | | | | | | | | | | | |
| **HP** | Hold Point | Work shall not proceed past the HP until released by the Superintendent | | | **IP** | Inspection point | | Formal Inspection to be done and recorded | | | |  |  |
| **HP\*** | FH Hold Point | Work shall not proceed past the HP\* until released by FH | | | **TP** | Test Point |  | Product compliance test to be undertaken and recorded/reported | | | | |  |
| **WP** | Witness Point | An inspection which must be witnessed by the Superintendent | | | **SCP** | Survey conformance point | | A qualified surveyor to check product/section/structure and report | | | | |  |
| **AP** | Approval Point | Written or verbal approval given by the Superintendent | | |  | | | | | | | | |