|  |  |  |  |
| --- | --- | --- | --- |
| **Lot No:** | **Lot Details:** | **Lot size/Quantity:** | **Date:** |

| **Item**  **No.** | **Task/Activity Description** | **Inspection/Test** | | | | | **HP/ WP/ AP/**  **IP/**  **TP/ SCP** | **Responsibility** | **Checked by:** | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Frequency** | **Acceptance Criteria** | **Reference Documents** | **Inspection/ Test Method** | **Record of conformity** | **Principal’s Rep.** | | **Fulton Hogan** | **Other** | **Date** |
| **1.0** | **Preliminary Activities – Permits, Documentation, Approvals, Survey Documentation** | | | | | | | | | | | | |
| 1.1 | The current revision drawings are being used including subcontractors copy. | Prior to works | Current revision drawing is being used including the subcontractors copy.  Current Revision to be obtained via Principal’s Representative | ACONEX | Visual Inspection | Current drawings | HP\* | Fulton Hogan |  | |  |  |  |
| 1.2 | ITP and Construction procedure documentation | Prior to works | ITP and Construction procedure for unbound pavement material placement to be provided to Principal’s Representative for review. |  | Verify | Approved Work procedure report | **HP** | Fulton Hogan  **Principal’s Representative** |  |  | |  |  |
| 1.3 | Material classification. | Prior to works | Proposed material source information and samples to be submitted to Principal’s Representative. | VicRoads section 812 | Verify | Approved rock mix design report | **HP** | Fulton Hogan  **Principal’s Representative** |  |  | |  |  |
| 1.4 | Production testing | Prior to works | Supply of information with respect to production testing. | VicRoads section 812 | Verify | Approved production testing results | TP | Fulton Hogan  **Principal’s Representative** |  | |  |  |  |
| 1.5 | Implementation of all measures and controls. | Prior to works | All necessary measures and controls are being implemented including: PSP, EMP, TMP, SWMS and WP. | PSP,EMP, TMP, SWMS, WP | Visual inspection | Site inspection | HP\* | Fulton Hogan |  | |  |  |  |
| 1.6 | Plant and Equipment | Prior to works | Plant and Equipment used in the works are appropriate to achieve specification requirements. |  | Visual Inspection | Finalised ITP | HP\* | Fulton Hogan |  | |  |  |  |
| 1.7 | Stockpile material on site | Prior to works | Material stockpile locations approved by the Principal’s Representative. | Stockpile Map | Visual Inspection | Material receivables checklist (Dockets) | AP | Fulton Hogan |  | |  |  |  |
| **2.0** | **Placement of crushed rock base and sub-base** | | | | | | | | | | | | |
| 2.1 | Commencement of construction of the base (Class 3/4/profiling) and sub base (Class 3/4/profiling). | Each lot | The underlying layer shall be clean of all foreign matter. All edges of previously placed material must be water conditioned prior to placement continuation. | VicRoads section 204 | Visual inspection | Site Inspection | HP\* | Fulton Hogan |  | |  |  |  |
| 2.2 | Placing Crushed rock | Each lot | The maximum lot size for surface levelling is to be half the size of the working area.  Surface tolerances per layer is as follows;   * Class 3/4 Crushed Rock/profiling: +0, -10mm * Crushed Rock Working Platform: +0, -10mm   Pavement layer thickness tolerances as follows;   * Class 3/4 rock/profiling (Base): -10mm. The average thickness over every 100m shall be no less than the specified thickness. Max thickness of any base layer shall not exceed 200mm and be no less than 80mm. * Class 3/4 rock/profiling (subbase): -15 mm. Max thickness of any subbase layer shall not exceed 150mm and be no less than 80mm. * The combined thickness of subbase and base course shall be no less than the specified thickness by more than 15mm. | VicRoads section 304 | Visual Inspection | Survey day and Visual inspection | HP\* | Fulton Hogan |  | |  |  |  |
| 2.3 | Compaction and Post Compaction Testing | Each Individual Location | Full compaction of each course shall be achieved in all areas including the interfaces between successively placed lanes and sections; Compaction is achieved whilst material is within desired moisture range.  Compaction to be completed with a 16T smooth roller.  Compaction testing requirements and frequency as per Table 304.082.  Material requirements as per Tables 820.072, 820.041.    Nominated frequency of testing for Compaction, Post-compaction Grading and PI, once per individual location (section 304.11).  Result requirements to conform to VicRoads section 304. | VicRoads section 304, 820 | Testing | Test result certificate | TP | Fulton Hogan |  | |  |  |  |
| 2.4 | Proof rolling | Each Lot | Proof Roll will occur once compaction has been completed, as part of the final sequence of compaction.  Proof Roll to be systematic and in a manner that covers the entire area.  Vibrating Plant travel at speed less than 4km/h and less than 6 km/h for pneumatic rollers;  Rollers operated as close as practicable to unsupported edges.  Contractor shall provide for the Principal's Representative to be present after all test rolling.  Proof rolling of the Crushed Rock Working Platform to be completed with a watercart or smooth drum. | VicRoads section 173 | Visual Inspection | Visual inspection and mapping data | **WP / HP\*** | Fulton Hogan  **Principal’s Representative** |  | |  |  |  |
| 2.5 | Identification and treatment of unsuitable areas. | Each Lot | Should any area crushed rock be disturbed or become unstable during proof rolling, the Principal’s Representative should be advised immediately and proof rolling of the area ceased.  Any areas of crushed rock layer that rut, yield or become unstable under the proof rolling must be investigated in the presence of the Principal’s Representative. | Spec cl 3.6.3. & VicRoads Section 204 | Visual Inspection | Site Inspection | **HP** | Fulton Hogan  **Principal’s Representative** |  | |  |  |  |

|  |
| --- |
| **Final Inspection** On behalf of Fulton Hogan it is hereby certified that the Works represented by the items of work listed have been tested in accordance with the Project Quality Plan and conform in all respects with the requirements of the Contract.  **Print Name: Position: Signature: Date: / /** |

**Legend:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **HP** | Hold Point | Work shall not proceed past the HP until released by the Principal’s Representative | **IP** | Inspection point | Formal Inspection to be done and recorded |
| **HP\*** | Fulton Hogan Hold Point | Work shall not proceed past the HP\* until released by Fulton Hogan | **TP** | Test Point | Product compliance test to be undertaken and recorded/reported |
| **WP** | Witness Point | An inspection which must be witnessed by the Principal’s Representative | **SCP** | Survey conformance point | A qualified surveyor to check product/section/structure and report |
| **AP** | Approval Point | Written or verbal approval given by the Principal’s Representative |  |  | |

|  |
| --- |
| **Notes:** |