| **Item**  **No.** | **Task/Activity Description** | **Inspection/Test** | | | | | | **Type** | **Responsibility** | **Checked/Verified by (initial/Date):** | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Frequency** | **Acceptance Criteria** | **Reference Documents** | **Inspection/Test Method** | **Record of conformity** | | **TfNSW** | **Fulton Hogan** | **PV** | | **Date** |
| **1** | **Preliminary** | | | | | | | | | | | | | |
| 2 | Set out the works | Per Lot | Establish survey marks to identify the extend of pavement | G71 |  | Verification Checklist | | IP | Surveyor |  |  |  | |  |
| 3 | Check underlying lots are conforming | Per Lot | Check underlying drainage and earthwork lots are conforming, and Hold Points released  Initial CCTV of drainage pipes completed without defects | D&C R44.6.1.2  R11.4 |  | Verification Checklist | | IP | Site Engineer |  |  |  | |  |
| 4 | Obtain approval for nominated mix design | Per mix | At least 10 working days prior to commencement of the trial section of pavement construction, or commencement of the pavement works, submit to the Nominated Authority details of your nominated mix design(s) and test results verifying conformity of the nominated mix design(s). | D&C R73 4.2 |  | Hold Point | | HP | Site Engineer |  |  | PV | |  |
| 5 | Certified stockpile for MTBB (Where not Blended) | Per stockpile | Prior to the release of MTBB from a Certified Stockpile, submit to the PV Details of the stockpile, statement of conformity and documentation specified in TfNSW D&C 3051 regarding conformity. . | D&C R73 2.2  3051 |  | Hold Point | | HP | Site Engineer |  |  | PV | |  |
| 6 | Approval to supply where MTBB is blended from individual constituents | Per Supplier | Provide details of:   * Mixing Plant * Plant Operation and * Procedures   to ensure mix is conforming to TfNSW D&C 3051 | D&C R73.5.2 |  | Hold Point | | HP | Site Engineer |  |  | PV | |  |
| 7 | Obtain approval for placement of bound pavement course in two layers. (when layer >250mm ) | As Required | Submit to the Project Verifier at least 10 days prior to commencement:   * Verification and test results demonstrating the MTBB is self-cementing, * Details of work method and details of previous successful applications of the work methods. | D&C R73.6.3.3 |  | Hold Point | | HP | Site Engineer |  |  | PV | |  |
| 8 | Obtain approval for placement of bound pavement course in a single layer >250mm | As Required | Submit to the TfNSW Representative at least 15 days prior to commencement:  Details of work method and associated controls to achieve required compaction.  Details of previous successful application of work method. | D&C R73.6.3.5 |  | Hold Point | | HP | Site Engineer | TfNSW |  |  | |  |
| 9 | Obtain approval for placement of bound pavement course | Per Lot | Submit to the Project Verifier that locations and types of proposed construction joints, locations of unsupported edges and details of rolling pattern | D&C R73.6.6.1 |  | Hold Point | | HP | Site Engineer |  |  | PV | |  |
| 10 | Obtain approval to the schedule of levels of the underlying surface | Per Lot | When finished surface levels are specified, submit to the Quality Manager that the Schedule of levels of the underlying surface at least 7 days before place HBB. The schedule need to highlight locations where the actual levels at the underlying surface are higher than the design levels | D&C R73.7.2.1 |  | Hold Point | | HP\* | Site Engineer |  |  | PV | |  |
| **11** | **Construction Trial** | | | | | | | | | | | | | |
| 12 | Construction of trial section of bound pavement. | Per trial | Notification of the construction of the trial section of pavement at least 3 working days prior to commencement.   * Construct a trial section of pavement at an agreed location, using the same materials, equipment and methods described in the PROJECT QUALITY PLAN. * The trial section of pavement must be between 100 m and 200 m long for the proposed Lot width. | D&C R73 6.9.1 |  | Witness Point | | WP | Site Engineer |  |  | PV | |  |
| 13 | Submission of trial result | Per trial | Submit Documentation, including test results, verifying that the trial section of pavement conforms to the specified requirements. | D&C R73 6.9.1 |  | Hold Point | | HP | Site Engineer |  |  | PV | |  |
| **14** | **Construction** | | | | | | | | | | | | | |
| 15 | Check the weather condition | Per Lot | **Do not** carry out bound pavement construction when any of the following apply:   * when the temperature measured at a depth of 50 mm below the surface of the underlying course is below 10ºC or the air temperature measured in the shade is above 40ºC; * in wet weather or in strong wind conditions | D&C R73.6.2 |  | Verification Checklist | IP | | Site Engineer |  |  |  |  | |
| 16 | Check material upon delivery | Per Lot | * The material must be suitably damp and at the time of delivery * Check delivery docket to ensure correct materials supplied and docket number provided | D&C R73.2.4 |  | Verification Checklist | IP | | Site Engineer |  |  |  |  | |
| 17 | Placing, spreading, compaction and trimming the material | Per Lot | * Maintain field moisture content within target moisture content envelope during placement to ensure hydration and compaction * Materials to be spread into 1 single layer up to 250mm thick unless otherwise approved. * No slurry and delamination * No roller marks left after final trimming * Trimming of the pavement course to design level and compaction completed within the allowable working time. | D&C R73.6  R73.8.4.3 |  | Verification Checklist | IP | | Site Engineer |  |  |  |  | |
| 18 | Construction joints | Per Lot | * Types and locations are as per design or approved in the Hold Point * Joints prepared as specified method * Cut back previously placed pavement at least: * 75 mm along longitudinal joints; and * 0.5 metres at transverse joints. * For fresh longitudinal joint do not compact the 300mm of material of the first run adjacent to the second run until the it is ready to do so, keep moist to the joints * Transverse joints formed at right angle s to the road centreline * Longitudinal joints not at wheel paths, within 100mm from separation lines, and >300mm away from edge lines but within the shoulder area * Induced longitudinal joints to be saw cut within 3 days of placement, 1/3 of the depth, 3mm wide | D&C R73.6 |  | Verification Checklist | IP | | Site Engineer |  |  |  |  | |
| 19 | Curing and protection of the pavement course | Per Lot | * Commenced immediately after compaction and until seal * Keep surface continuously damp without excessive water * No non-essential traffics | D&C R73.6.8 |  | Verification Checklist | IP | | Site Engineer |  |  |  |  | |
| 20 | Joint Survey | Per Lot | * At least 3-Days prior to conformance survey provide PV with date, location, surveyor’s name, description of methods and equipment to be used. | G71.2.10.1 | Survey | Survey Request & include PV | SU | | Site Engineer |  |  |  |  | |
| 21 | Certificate of Conformity | Per Lot | * Submit Weekly to the Project Verifier a signed certificate verifying conformity with the requirements of Clause 8. Where appropriate, submit with the certificate a summary of test results from a laboratory accredited by NATA. Additionally, submit daily to the Project Verifier the moisture content and relative density test results. * Highlight any nonconforming Lots. | R73 8.10 |  | Test results & Non Conformance lots | IP | | Site Engineer |  |  |  |  | |
| 22 | Verify finished pavement properties | Per Lot | * UCS (7 day acc./28 days normal curing): * Bound DGB = 3-8MPa * Grave Laitier = 2MPa * Compaction to 102% std as per Q6 L3.1 * Moisture content within target MC prior to compaction * Level within -0/+10mm * Layer thickness within -0/+20mm when use automated level control, +10/30mm when use without automated level control * 3m straight edge test must be no more than 5mm at any direction * Pavement width ≥ design width * Compact the sample within 3 hours of sampling and within the mix’s allowable working time. | D&C R73 4.1  R73.6.11  R73.8  Q6 L3.1  R73.8.4.4 | T120  T116  T166 | Test Report  Survey Report | TP | | Surveyor  Site Engineer |  |  |  |  | |
| 23 | Obtain approval for sealing of the pavement | Per Lot | Submit to the Project Verifier with test results of above pavement properties prior to seal  Pavement shall be primed or sealed within 6 days of placement unless otherwise required and/or agreed under this HP. | D&C R73.6.11 |  | Hold Point & Survey Report | HP | | Site Engineer |  |  | PV |  | |

**Legend:**

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| **HP** | Hold Point | Work shall not proceed past the HP until released by the Project Verifier | **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 Project Verifier | **SCP** | Survey conformance point | A qualified surveyor to check product/section/structure and report |
| **AP** | Approval Point | Written or verbal approval given by the Project Verifier | **HBB** | Heavily Bound Base Pavement course modified with binder to develop an unconfined  compressive strength | |
| **AP\*** | Fulton Hogan Approval Point | Written or verbal approval given by Fulton Hogan’s nominated personnel | **MTBB** | Material to be bound the material prior to stabilisation with binder | |
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| **Notes** |  |