**Inspection and test plan – subbase / base pavement construction**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Project no.** | | CC-0388 | | | **Project name** | Shoalhaven Area Remediation of Multiple Slips | | | | | **Date** | |  | | **Approved by** |  |
| **ITP no.** | SYM-0388-ITP-009 | | | | **Revision no.** | B | **Revision date** | | 18/05/2023 | **Plant and equipment used** | | | |  | | |
| **Site no.** |  | | | | **Location (chainages, detailed description or marked up plan)** | | | | | | |  | | | | |
| **Layer thickness** | | |  | **Estimated qty** | |  | |

Attach Dockets, Certificates and QA Documents to ITP

|  |  |  |  |  | **Verification or test by** | | | | | **Remarks / record (eg. test frequency, reports, certificates, checklist etc)** |
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|  |  |  |  |  | **Symal Infrastructure** | | | **Shoalhaven City Council** | |
| **Item no.** | **Activity** | **Ref docs** | **Acceptance criteria** | **Acceptance** | **Key** | **Resp.** | **Initial/date** | **Key** | **Sign date** |
| **1.0 Preliminaries** | | | | | | | | | | |
| **1.1** | Determine Site Size | IFC Drawings | What is the site size. | ………….. m2 | W |  |  | W |  |  |
| **1.2** | Survey Set Out | IFC Drawings | Is the work area clearly pegged out for line and level? | Yes  No  N/A | W |  |  | W |  |  |
| **1.3** | Material Classification and Source | IFC Drawings | Pavement Base and Subbase meets specification as per TfNSW Specification 3051 and construction drawings.  Pavement Base and Subbase Material:  🞏 DGB20  🞏 DGB20  🞏 DGS40  🞏 Other\_\_\_\_\_\_\_\_\_\_  Source ………………………. | Yes  No  N/A | H |  |  | H |  |  |
| **2.0 Conformance of Previous Layer** | | | | | | | | | | |
| **2.1** | Conformance of Previous Layer | IFC Drawings | Has the previous layer passed acceptance criteria? | Yes  No  N/A | W |  |  |  |  |  |
| **3.0 Pavement Construction** | | | | | | | | | | |
| **3.1** | Placement | IFC Drawings | Fill has been placed in compacted layers as per IFC Drawing. | Yes  No  N/A | S |  |  |  |  |  |
| **3.2** | Moisture | IFC Drawings | Material must be maintained at optimum moisture content with additional water being added if required during compaction.  Review and approve laboratory testing results | Yes  No  N/A | S |  |  | H |  |  |
| **3.3** | Compaction | IFC Drawings | Base / Subbase Layer has been adequately compacted achieving minimum either:  Subbase  - 95%-100% SMDD (Refer to IFC Drawings)  Base  - 100% SMDD  Review and approve laboratory testing results | Yes  No  N/A | W |  |  | H |  |  |
| **3.4** | Dry Back | TfNSW R71 | The field moisture content of base courses that are not being treated / stabilised and are to receive a bituminous seal must not exceed 70% of OMC. | Yes  No  N/A | S |  |  |  |  |  |
| **3.5** | Proof Roll Inspection | TfNSW R44 | Proof rolled surfaces must not exhibit visible deformation, rutting or yielding | Yes  No  N/A | W |  |  | H |  |  |
| **4.0 Conformance Check** | | | | | | | | | | |
| **4.1** | Pavement Finish | IFC Drawings | Has the pavement course been finished to a smooth and uniform surface? | Yes  No  N/A | W |  |  | W |  |  |
| **4.2** | Surface Level and pavement thickness of subbase / base. | IFC Drawings | Surface Level and Pavement Thickness after compaction and surface trimming conform to the following requirements:  Thickness:   * Base, - 0mm, + 20mm * Subbase, ± 10mm   Surface Level:   * Base, - 0mm, + 10mm * Subbase, -10mm, +0mm | Yes  No  N/A | S |  |  | W |  |  |
| **4.3** | Surface Deviation | TfNSW T183 | Surface does not deviate more than 5mm from a 3 m straight edge when laid in any direction. | Yes  No  N/A | W |  |  |  |  |  |
| **4.4** | Width | IFC Drawings | Width of pavement between outside edges is not less than the width specified on the drawings. | Yes  No  N/A | W |  |  |  |  |  |
| **4.5** | NCR |  | Any NCRs have been closed out | Yes  No  N/A | H |  |  | H |  |  |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Works complete (sign SS) |  | |  | Date works complete | | |  | |
| Site conforms (sign PE) |  | |  | Date Site closed | | |  | |
| NCR no. raised |  | |  | Date NCR closed for this Site | | |  | |
| **Site acceptance:** | | | | | | | | |
| Symal Infrastructure representative name | |  | | |  | Client representative name | |  |
| Symal Infrastructure representative signature | |  | | |  | Client representative signature | |  |

**Responsibility (resp.) key: PM –** Project Manager**, PE –** Project Engineer**, SE –** Site Engineer**, SS –** Site Supervisor

**Inspection key: W –** Witness, **H –** Hold Point, **S -** Surveillance