

Operational Instructions

OI - 3.6 | Sub-Base

Revision: C

Section: 3.0 - Infrastructure Stage 1

Visual Aids



Information

Task Specific Safety Checks & Notes	Operational Checks
● In the first instance, please ensure you have referred to your site-specific Risk Assessments & Method Statements (RAMS) ● Work areas are to be segregated in accordance with MIDA Operational Standard - 2.5 - Segregation - Groundworker Only Area	● Formation tests are to be completed and analysed before commencing sub-base installation ● The formation tests will determine the depth of sub-base – as per the Local Authority “Sub-Base / Capping” tables located on the construction drawings ● Before commencing, ensure we have checked the sub-base specification: ○ Specification of the stone – is it Limestone or Granite? ○ Depth of stone ○ Geotextile specification ● Before placement of sub-base, ensure that any soft spots are removed, and all road crossings and drainage trenches have been correctly backfilled ● When using permeable sub-base for porous roads ensure the stone is the right material and as specified with generally a FI Shape of 20 minimum and a void ratio of 30% when 4/20mm is specified. Type 3 is also a specified material for permeable sub-base construction ● Ensure manholes and gullies are covered and protected before placement of sub-base in accordance with MIDA Operational Standard - 3.1 - Gully Protection ● The sub-base must be placed in layers and compacted using a vibrating roller in accordance with Specification Highways Works Series 600 ● Final tests (CBRs etc.) to be carried out on the Type 1 to prove readiness for tarmac. CBR Plate sizes to be checked 300mm on type 1
QA Checks & Actions	Operational Standard - References
● Pre & Post sub-base surveys to be completed by the engineering department ● Photograph the completed area and include in your photographic daily diary	● MIDA Operational Standard - 2.5 - Segregation - Groundworker Only Area ● MIDA Operational Standard - 3.1 - Gully Protection