

## Sub Specification for Carriageway Retexturing

All the works shall be undertaken in accordance with RSTA Code of Practice for Retexturing (2017).

**There are two distinct areas of treatment that are required:**

- A. The mechanical reworking of the surface course aggregate to improve the micro and macro texture (frictional characteristics) of the carriageway surface course.
- B. The use of high powered jets of water (Hydro) to remove excess (accumulated) binder around the aggregate, typically experienced on fatted up surface dressing sites.

### **A. Mechanical Retexturing**

1. In carrying out this process, the Contractor must ensure that the existing surface aggregate is not damage or shock cracked by impact.
2. Unless otherwise agreed with the Council, the Contractor shall arrange and pay for pre and post testing of each site using a Findlay Irvine Micro Gt Griptester.
3. The post test results shall evidence a minimum of 20% increase on the pre-test result and to bring it above the investigatory level for that section of carriageway that has been treated.
4. All waste produced is to be fully recovered and removed from site by a licenced waste carrier with waste transfer notes produced and copies forwarded to the Council.
5. All waste generated from this process is to be recycled enabling the Contractor to demonstrate that a reduction in carbon footprint has been achieved.

### **B. Water Retexturing**

1. Unless otherwise agreed with the Council, the Contractor shall arrange and pay for pre and post testing of each site using the volumetric sand patch method in accordance with BS EN 13036-1:2002 to demonstrate an increase in macro texture.

2. The retexturing machinery shall be capable of blasting and recovering the water & detritus in one self-contained vehicle.
3. A separate mechanical road sweeper attempting to remove the bitumen is not to be used.
4. Waste water shall be disposed of at an appropriately permitted treatment facility with waste transfer notes produced and copies forwarded to the Council.
5. The Contractor shall only use clean water to blast the surface as recycled water may contain contaminants and may not comply with relevant environmental standards.
6. Clean water shall be supplied by a road tanker. The tankers are to fill up via a standpipe at a location authorised by the water authority. The standpipe used must be metered and approved by the water authority with the exact quantities recorded.
7. The solid waste produced shall be removed from site by a licenced waste carrier with waste transfer notes produced and copies forwarded to the Council.
8. The water retexturing process shall be capable of effectively treating widths of 2m in a single pass (to maximise efficiency and minimise disruption to road users).
9. The process shall be able to double blast wheel tracks in a single pass.