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Transport Infrastructure Ireland

TII Publications

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Guidance for Measuring and Pricing of Pavements

CC-GMP-00700

October 2016

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1. Joints

The item coverage in CC-RMP-00700 Pavements encompasses all cutting back to existing surfaces and the forming of all temporary and permanent joints. The Contractor is to allow in his price for any specified joints, for access and the costs of any temporary joints.

2. Alternative Types of Pavements

Where the Contract provides for alternative Types of Pavement a separate Pavements Bill of Quantities is required to correspond to each Type of Pavement. The tenderer is required to price and extend the Pavements Bill, which applies to each Type of Pavement.

3. Bond Coats

A bond coat should only be measured as a separate item when the Contractor requires a separate or additional bond coat to be applied to an existing surface prior to the construction of the following course or treatment. When it is an integral part of a group or Type of Pavement it is included within the item coverage. Attention is drawn to Paragraphs 20 to 24 of CC-RMP-00700 in which the tack coats are measured.

4. Repairs to Existing Concrete Carriageways

The locations and areas of thin bonded repairs should be shown on the drawings in the Contract.

5. Regulating

It is recommended that where a significant quantity of regulating material is anticipated to be required, as in motorway widening schemes, the regulating material be measured in cubic metres. Measurement by tonnage will only be used exceptionally where there will be significant difficulties in measuring the area.

6. Lower Base and Upper Base

The terms lower base and upper base shall be applied only when the base is specified to be constructed with two different materials.

7. Low Energy Bound Mixtures

When the material has been designated within the excavation that can be processed into acceptable material for re-use in the production of Low Energy Bound Mixtures, the sequence of measurement items for ex situ Low Energy Bound Mixtures is as follows:

- i. Excavation of unacceptable material Class U1 (in cutting, etc.);
- ii. Extra over excavation for excavation in Hard Material in cutting and other excavations;
- iii. Processing of unacceptable material Class U1 to acceptable Low Energy Bound Mixtures stated class or classes;
- iv. Sub-base and/or pavement.

or

- i. Milling;
- ii. Sub-base and/or pavement.

All works required as part of the in situ Low Energy Bound Mixtures process shall be covered under the item coverage for the layer in which it occurs.

8. Geotextiles and Geotextile-related products

Geotextile and geotextile-related products are expressly measured in this section when the product is incorporated into the pavement structure.

9. Repair Systems


Permanent, localised and emergency repair material systems are intended for individual areas up to 2m².

10. References

10.1 TII Publications (Standards) References

CC-RMP-00700 Requirements for Measuring and Pricing of Pavements





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