

**SECTION 4.03
COLD RECLAIMED ASPHALT PAVEMENT**

4.03.01--Description: Work under this section shall consist of the in-place recycling of an existing pavement. The pavement will be pulverized to a specified particle size, mixed with a specified depth of existing base, with additional aggregates as required, water and/or a liquid asphalt, and placed in a specified grade and cross section. Where necessary, existing subgrades may be modified (raised, lowered or modified with additional aggregates) to meet required design specifications.

4.03.02--Materials: Materials for reclaimed asphalt pavements shall consist of existing pavements and bases. When it is necessary to improve the base or raise the grade line, additional base material may be specified by the Engineer.

If it is necessary to raise or lower any utilities or underdrains, the trench backfill material will meet Section M.02.05 or have the approval of the engineer. If a rejuvenator is used during the final mixing operation, the material used shall be approved by the Engineer.

Samples of material will be obtained by the Materials Testing Laboratory as often as deemed necessary by the Assistant Manager of Materials Testing.

4.03.03--Construction Methods: Prior to the start of the pavement rehabilitation, all utilities and drainage systems shall be relocated as necessary.

Methods, equipment, tools, and any machinery to be used during construction shall be approved by the Engineer prior to the start of the project. Prior to the actual pulverization of the pavement, drop inlets or catch basins that might be affected shall be sufficiently barricaded so as to prevent silt or runoff from plugging the drainage system.

If a rejuvenator is used, an approved metering device shall be used to ensure the accuracy of the amount of rejuvenator used.

Compaction shall be achieved by the use of a vibratory roller having the capability of producing high amplitude and low frequency vibrations. The compaction shall be a minimum of 95% of the proctor wet density (AASHTO T-180D).

4.03.04--Method of Measurement: The cold reclaimed asphalt pavement work will be measured for payment in square meters. The thickness will be as indicated on the plans, or as ordered by the Engineer and within plus 50 mm (+50 mm) and minus 25 mm (-25 mm).

Measurement to determine the thickness will be made by the Engineer at intervals of 150 m or less. If deficient thicknesses are found, the Engineer will make such additional measurements as he considers necessary to determine the limits of the deficiency. Areas not within allowable tolerance shall be corrected, as ordered by the Engineer, without additional compensation to the Contractor.

Additional aggregates, as required, shall be measured for payment by the number of metric tons of aggregate delivered and incorporated into the pavement structure.

4.03.05--Basis of Payment: This work will be paid for at the contract unit price per square meter for "Cold Reclaimed Asphalt Pavement," which price shall include all materials (except additional aggregate), equipment, tools, and labor incidental thereto.

Additional aggregate shall be paid at the contract unit price per metric ton delivered to the project site.

Pay Item	Pay Unit
Cold Reclaimed Asphalt Pavement	m ²
Additional Aggregate	t