

SECTION 3.02
ROLLED GRANULAR BASE

3.02.01--Description: This base shall consist of one or more courses constructed on the prepared subbase in accordance with these specifications and in conformity with the lines, grades, compacted thickness and typical cross-section as shown on the plans.

3.02.02--Materials: The materials for this work shall conform to the requirements of Article M.02.03.

3.02.03--Construction Methods: Bases of 150 mm or less in specified depth may be constructed in one course; bases over 150 mm in specified depth shall be constructed in two courses of equal depth.

Gravel or reclaimed miscellaneous aggregate shall be spread upon the prepared subbase to such depth that this course will be of the specified depth after final compaction. If, after the material has been spread and shaped, it is found that additional binder is necessary, it shall be furnished and applied in an amount directed by the Engineer. Such binder material shall be carefully and uniformly incorporated with the material in place by scarifying, harrowing, brooming or other approved methods. The material shall then be shaped, wetted and compacted with a power roller with a mass of not less than 9 metric tons or an equivalent vibratory roller or compactor until thoroughly compacted. All areas of segregated coarse or fine material shall be corrected or removed and replaced with well graded material, as directed by the Engineer. The compacting and wetting shall be continued until all voids are filled after which this portion may be left to dry. The compacting shall be continued until the course is thoroughly compacted to a firm and uniform surface satisfactory to the Engineer. The material shall be re-compacted and wetted on succeeding days. The rate and extent of the compacting and the quantity and method of applying water shall be as directed by the Engineer.

After the first course has been compacted and bound as specified herein, the succeeding course, if necessary in order to achieve the specified base depth, shall be similarly placed.

3.02.04--Method of Measurement: This work will be measured for payment horizontally after compaction and to the limits as shown on the plans, or as ordered by the Engineer. The thickness shall be as indicated on the plans or as ordered by the Engineer and within a tolerance of ± 19 mm. Measurements to determine the thickness will be taken by the engineer at intervals of 150 m or less along lanes and shall be considered representative of the lane. For the purpose of these measurements, a shoulder will be considered a lane. Should a thickness measurement be taken and a deficiency found, the Engineer will take such additional measurements as he considers necessary to determine the longitudinal limits of the deficiency. Areas found to be in excess of the allowable tolerances will be corrected as ordered and at the Contractor's expense.

3.02.05--Basis of Payment: This work will be paid for at the contract unit price per cubic meter for "Rolled Granular Base" complete in place, which price shall include all materials, tools, equipment and labor incidental thereto.

Pay Item	Pay Unit
Rolled Granular Base	m ³