

Payment will be made under:

Item No.	Pay Item	Pay Unit
30910XX	Hot Mix Sand Asphalt Base Course Type 1 (<i>thickness</i>)" Uniform)	Square Yard
3091100	Hot Mix Sand Asphalt Base Course Type 1	Ton
30920XX	Hot Mix Sand Asphalt Base Course Type 2 (<i>thickness</i>)" Uniform)	Square Yard
3092100	Hot Mix Sand Asphalt Base Course Type 2	Ton
4011004	Liquid Asphalt Binder PG 64-22	Ton

SECTION 310

HOT MIX ASPHALT AGGREGATE BASE COURSE

310.01 Description. This work shall consist of the construction of a Hot Mix Asphalt Aggregate Base Course composed of crushed stone, crushed slag or gravel and asphalt binder mixed in an approved plant and constructed on a prepared subgrade, base course, or other surfaces and applying a tack coat when specified, all in accordance with these specifications and conforming to the lines, grades, dimensions, thickness, and typical cross-sections shown on the plans or as otherwise specified.

MATERIALS

310.02 Asphalt Binder. Asphalt binder shall meet the requirements of Subsection **401.02**. The performance grade shall be PG64-22 unless otherwise specified.

310.03 Aggregates. The aggregate material shall conform

to the requirements of Subsection **401.03**. When Hot Mix Asphalt Aggregate Base Course Type 1 is specified, coarse aggregate shall consist of crushed stone and fine aggregate shall consist of screenings. Hydrated lime shall be required in all base courses as an anti-stripping additive.

310.04 Composition of Mixture. The coarse and fine aggregate shall be combined with asphalt binder in such proportions that the composition by weight of the aggregate shall be within the limits specified below:

Sieve Designation	Percentage by Weight Passing
1 1/2 Inch	100
1 Inch	85-100
1/2 Inch	60-80
No. 4	40-55
No. 8	30-45

The percent of asphalt binder in the total mixture will usually be from 3.5% to 5.5%. The coarse and fine aggregates shall be submitted to the Research and Materials Laboratory in Columbia to determine the exact asphalt binder content to be used in the Hot Mix Asphalt Aggregate Base Course.

The asphalt binder content shall be maintained between $\pm 0.6\%$ of the determined amount.

EQUIPMENT

310.05 Equipment. The equipment requirements specified in Section **401**, Equipment shall apply to Hot Mix Asphalt Aggregate Base Course.

CONSTRUCTION REQUIREMENTS

310.06 Construction Requirements. The requirements specified in Subsections **401.15** through **401.37** shall apply to Hot Mix Asphalt Aggregate Base Course.

310.07 Method of Measurements and Basis of Payment.

This work will be measured and paid for as specified in Sub-sections **401.38** and **401.39**.

Payment for each item includes all direct and indirect costs or expenses required to complete the work.

Payment will be made under:

Item No.	Pay Item	Pay Unit
310XXXX	Hot Mix Asphalt Aggregate Base Course Type (<i>1or 2</i>)	Ton
4011004	Liquid Asphalt Binder PG 64-22	Ton