**GEOTEXTILE FOR SUBGRADE STABILIZATION:**

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| (5-15-18)(Rev. 7-18-23) | 505, 1056 | SP5 R9B |

**Description**

Provide geotextile for subgrade stabilization in accordance with the contract. Geotextile for subgrade stabilization is required for subgrades to prevent pavement cracking at locations shown in the plans and as directed by the Engineer.

**Materials**

Refer to Division 10 of the *Standard Specifications*.

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| --- | --- |
| **Item** | **Section** |
| Geotextile for Subgrade Stabilization, Type 5 | 1056 |
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**Construction Methods**

Do not leave geotextiles exposed for more than 7 days before covering geotextiles with ABC. Place geotextile for subgrade stabilization on subgrades as shown in the plans. Install geotextile for subgrade stabilization on subgrades with the long dimension, i.e., machine direction (MD), of the roll parallel to the roadway centerline and completely cover subgrade with geotextiles. For fill sections, the minimum roll width is required under roadway edges and shoulders adjacent to fill slopes as shown in the plans. Overlap adjacent geotextiles at least 18 inches in the direction that ABC will be placed to prevent lifting the edge of the top geotextile. Pull geotextiles taut so they are in tension and free of kinks, folds, wrinkles or creases. Hold geotextiles in place as needed with wire staples or anchor pins.

Do not damage geotextile for subgrade stabilization when placing ABC. Place and compact ABC in accordance with the contract and *Standard Specifications*. Do not operate heavy equipment on geotextiles any more than necessary to construct base courses. Replace any damaged geotextiles to the satisfaction of the Engineer.

**Measurement and Payment**

*Geotextile for Subgrade Stabilization* will be measured and paid in square yards. Geotextiles will be measured along the ground surface as the square yards of exposed geotextiles before placing ABC. No measurement will be made for overlapping geotextiles. The contract unit price for *Geotextile for Subgrade Stabilization* will be full compensation for providing, transporting and installing geotextiles, wire staples and anchor pins.

Payment will be made under:

|  |  |
| --- | --- |
| **Pay Item** | **Pay Unit** |
| Geotextile for Subgrade Stabilization | Square Yard |