WBSRDA has undertaken number of rural roads under PMGSY to construct with JGT wherein few roads have been identified as R&D project by the dept. One such road of total stretch of 2.736 km from Allahabad Bank to Pashupati Halder House is situated at village Uttar Angadberiya in Canning-I Block, South 24 Pgs. On request of the Executive Engineer of the district, Sri Biswanath Acharya and with the concurrence of Secretary NJB Sri P K Choudhury- Principal Technologist, NJB accompanied by Sri Koushik Halder – Civil Engineer of Jute Corporation of India ( JCI) visited the site on 30th December,2019 to provide installation guidance of JGT. During demonstration Sri Santanu Chatterjee - AE of the dept. along with the entire work force of the agency including their site engineers were present. The local people and the representatives of Gram Panchayat also took keen interest on the construction work with the use of JGT.

The test report of JGT could not be produced by the agency as they could not get it done as yet. However, on request of the concerned engineer of the dept. the fabric was thoroughly inspected by the visiting team, end x picks /dm, width etc. were measured and found in order prior to providing demonstration on laying of JGT. But the agency was asked to get the JGT sample tested through any NABL accredited testing laboratory and to send the test results to NJB for their observation and comments.

The profile of the road was observed to be in order. As per DPR the carriage way was 3 m wide. After removal of previously laid brick bat materials the sub-grade was leveled and compacted with roller maintaining the provision of about 3.0 % camber. Provision of spreading thin layer of 25 mm sand on prepared sub-grade was not there in the DPR, hence JGT was laid directly on the sub-grade. One and a half lengths of fabric were laid on the sub-grade side by side with an overlap of 10 cm. 30 cm longitudinal overlap was advised to provide. For fixing the fabrics on to the ground 100 mm long iron nail with washer were used at an interval of 100 cm so that the fabric does not move sideways during rolling after placing the GSB III layer on the fabric.

As per DPR 75 mm thick GSB II (brick : bats : sand = 80:20) layer consisting of brick bats and sand were laid directly on to the fabric. GSB layer laid on the fabric was compacted with roller as per standard practice. As there was no provision of providing sand the fabric was examined critically if there is any rupture / damage occurred in the fabric. No sign of damage to the fabric was observed. The next layer of 75 mm thick GSB II followed by two layers of WBM Grade II (75 mm + 75 mm) will be applied successively, Thereafter 20 mm premix carpet and 6mm thin layer of seal coat will be applied to finish the road. Photographs of the site during installation of JGT were taken for reference and the concerned engineer was advised to take photographs in subsequent operations of construction work.
PHOTO GALLERY ON SITE INSPECTION FOR PROVIDING GUIDANCE OF JGT
AT CANNING ON 30-12-2019