Report on site inspection of rural road at Hooghly to provide installation guidance on JGT by P.K.Choudhury on 06/06/2017.

Based on clearance given by NRRDA to construct 61 rural roads in WB with the use of JGT WBSRDA has commenced the work phase wise with the technical support and guidance of NJB. The Executive Engineer of Hooghly district Sri Utpal Hazra decided to construct a stretch of 11.99 km rural road under PMGSY from Bamura Pirtala to Ahallabari Road and Duttapur to Ghosh Pukur part of Loknath Ghosh Pukur Road under Block Tarakeswar. The EE requested NJB to visit the said site for providing installation guidance for JGT on 6th June 2017.

With the concurrence of Secretary NJB, Sri P.K.Choudhury, Principal Technologist, NJB visited the site accordingly for the said purpose. During demonstration at site Sri Mohajyoti Biswas - AE and Sir Mrinal Sankar - SAE along with the entire workforce of the agency (M/S Gupta Construction) were present. As requested by Sri Choudhury the EE also deputed the two more engineers namely, Sir Subhadip Adhikari-AE and Sri Mrinal Sadhukhan – SAE of another Block (Goghat-II) of the same district where a road stretch of 11.36 km stretch has been sanctioned for construction with JGT.

However, The bed of the road was prepared with adequate compaction maintaining the proper camber (3%). As per DPR 25 mm thin cushion of sand was spread over the prepared sub-grade on which 5 rolls of 724 gsm woven JGT of 25 kN/m was laid side by side with an transversal overlap of 100 mm. Inverted “U” shape iron nail was pegged on to the ground at an interval of about 75 mm longitudinally on the overlapped portion. 300 mm overlap was provided during laying the fabric along the road and fixed on to the ground with the nail. 75mm thick layer of GSB - II (65% murom and 35% sand) was spread over the JGT and adequately compacted with roller.

The fabric was supplied by M/S Shymnagar Jute Mills and quality was tested by IJIRA. However the fabric at site was also visually inspected and found to be in order. The material was stored by the agency in a godown near the site and adequate precaution was taken to avoid any chance of damage due to wrong handling or due to precipitation. The progress of work was found to be satisfactory. Photographs were taken at site for documentation.