

**GOVERNMENT OF MEGHALAYA
PUBLIC WORKS DEPARTMENT(ROADS)
STATE RURAL ROADS DEVELOPMENT AGENCY: PMGSY CELL**

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PRESS RELEASE

Celebration of “India@75: Azaadi ka Amrit Mahotsav” pertaining to the activity of “Green Technology Road site visits”

As part of the ongoing celebration of “India@75: Azaadi ka Amrit Mahotsav”, Ministry of Rural Development, Government of India has instructed that states implementing Pradhan Mantri Gram Sadak Yojana(PMGSY) are to organize certain programs/activities. One of the activities is the organizing of Technology visits to PMGSY road sites that have implemented Green Technology in road construction. The purpose of these visits is for dissemination of information, knowledge sharing and mainstream adoption in other areas. Accordingly, State Rural Roads Development Agency, PWD organized site visits to four PMGSY road sites in East Khasi Hills district on 17th September 2021. The sites are ‘LPL road to Mawpynthih’, ‘Mawkhar to Maweitnai’, ‘L028 to Mawkynring’ and ‘Laitlyngkot to Laitmawroh’.



Three of the roads were built with Cold Mix Emulsion technology, which utilizes Emulsion instead of Hotmix Bitumen, thereby eliminating bitumen and the need for heating bitumen. One of the roads, ‘L028 to Mawkynring’, has adopted the use of nanotechnology in road construction. This involves the addition of chemical additives to subgrade and to bitumen which both acts as water-resistant layers as well as increasing the functional strength of the pavement, thereby ensuring the road pavements’ durability and sustainability. This helps in preventing the depletion of natural resources and results in cost savings both in the short and long term.



About twenty five engineers, technology providers and contractors took part in the visits. The visit concluded with an interactive and knowledge-sharing seminar at the PWD Sectional Assistant Training Centre, Laitlyngkot. Shri B P Marak, Chief Engineer(Standard), PWD(Roads) and Empowered Officer, SRRDA led the teams for the visits and chaired the Seminar.



(Shri B P Marak)
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