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Most Important

OFFICE OF THE CHIEF ENGINEER, PWD, RAJASTHAN, JAIPUR

No. SE(PMGSY)Circular/2005/D- 225

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CIRCULAR

It has been observed that quality of PMGSY road works is not up to the mark therefore following instructions be implemented in future, while constructing the road under PMGSY:-

1. Earth work to be done in full formation width right from bottom to top in prescribed layers.
2. Special attention is to be paid for compaction of earth work and desired density to be achieved.
3. The soil should be spread in layers not exceeding 150 mm compacted thicknesses. Each layer should be thoroughly compacted to the specific requirements and finished parallel to the final cross-section of the embankment. (Thickness of layer can be increased if heavy vibratory rollers are used.)
4. Borrow pits be dug atleast 3 meter away from the edge of the bottom layer of earth work done in formation width.
5. Granular sub-base of grading-I of ballast be laid only after the Superintending Engineer/Executive Engineer certificate that the earth work in formation has been completed in full width and density of earth work has been achieved as per the requirement.
6. Granular material should be of proper gradation and CBR.
7. The sub-base material should be spread in layers not exceeding 100mm compacted thickness. (If suitable vibratory rollers are available, the thickness of layers can be upto a maximum of 225mm)
8. Each layer of sub-base material should be thoroughly compacted with rolling commencing from edge to center for portions having cross fall on both sides.
9. Each pass should overlap by one-third of the track made in the preceding pass. The rolling should continue until desired density achieved.
10. Strict supervision be done while doing BT work.