

No. A1/192/PMULSGD /21

dated 25.07.2022

INSPECTION REPORT

Sub: III tier quality control system for RKI LSGD Roads – Inspection of PMU at Ellapally Thottam bhagam Road in Idukki District – Inspection note – Reg.

Ref: Standing instructions

3rd Tier Quality Control Inspection was carried out in the Ellapally Thottam bhagam road coming under PIU Kottayam and the observations are detailed below.

Name of Work	Ellapally Thottam bhagam Road
Agreement No and Date	92/2021-22/PMULSGD, DT: 27/10/2021
Name of contractor	Alunkal constructions
Date of Inspection	25-07-2022
Team Members	Sathyanath.B, Asst. Exe. Engineer, PMU Syam S, Assistant Engineer, PMU
Nature of Work	Rigid Pavement
Scope of Work	Reconstruction of the road using rigid overlay.
Work Stage on the date of inspection	Culverts completed, DR ongoing

Observations:

- 1. General:** The overall site maintenance & organization was good. The field control of the departmental officers in the site was remarkable.
- 2. Maintenance of Records:** The contractor's Technical Personnel had produced quality test results in an organized manner.
- 3. NDT on culverts :** The compressive strength of concrete for the culvert at Ch 0/695 was checked using rebound hammer at 3 points and the compressive values were 28 N/mm² at one point and 34 N/mm² at two points. The design strength is 25N/mm² and hence the obtained results are satisfactory. The compressive strength of concrete for the culvert at Ch 1/122 was checked using rebound hammer at 3 points and the compressive values were 28 N/mm² at one point and 36N/mm² at two points. The design strength is 25N/mm² and hence the obtained results are satisfactory. The compressive strength of concrete for the culvert at Ch 1/216 was checked using rebound hammer at 3 points and the compressive values were 32N/mm² at one point and 34N/mm² at two points. The design strength is 25N/mm² and hence the obtained results are satisfactory. The compressive strength of parapets at Ch:1/122 and Ch:1/216 were determined using rebound hammer and the average values were 36N/mm² and 40N/mm² respectively.





PROJECT DIRECTOR

To, Executive Engineer, PIU Kottayam.