

No. A1/44/PMULSGD /21

dated 14.07.2022

### INSPECTION REPORT

Sub: III tier quality control system for RKI LSGD Roads – Inspection of PMU at Paivazhy Nedyyakala Road in Pathanamthitta District – Inspection note – Reg.

Ref: Standing instructions

3<sup>rd</sup> Tier Quality Control Inspection was carried out in the Paivazhy Nedyyakala road coming under PIU Kottayam and the observations are detailed below.

Name of Work	Paivazhy Nedyyakala Road
Agreement No and Date	100/2021-22/PMULSGD, DT: 27/10/2021
Name of contractor	Shaji Mathew
Date of Inspection	14-07-2022
Team Members	Vishnukumar G., Project Director, PMU Sathyanath.B, Asst. Exe. Engineer, PMU Syam S, Assistant Engineer, PMU
Nature of Work	Flexible Pavement
Scope of Work	Reconstruction of the road using flexible overlay.
Work Stage on the date of inspection	Culverts completed

#### Observations:

- 1. General:** The overall site maintenance & organization was good. The field control of the departmental officers in the site was remarkable. Instead of box drain irish drain was proposed from Ch 2/190 to 2/290 by the departmental officers in site due to the site condition.
- 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 0/00 was checked using rebound hammer at 3 points and the compressive values were 32 N/mm<sup>2</sup> at one point and 30

N/mm<sup>2</sup> at two points. The design strength is 25 N/mm<sup>2</sup> and hence the obtained results are satisfactory. The compressive strength of concrete for the culvert at Ch 1/715 was also checked using rebound hammer at 3 points and the compressive values were 34N/mm<sup>2</sup> at two points and 30 N/mm<sup>2</sup> at one point. The design strength is 25N/mm<sup>2</sup> and hence the obtained results are satisfactory.





PROJECT DIRECTOR

To, Executive Engineer, PIU Kottayam.