GOVERNMENT OF ANDHRA PRADESH
PANCHAYAT RAJ DEPARTMENT

From
Sri Ch. Srinivasa Rao, B.Tech
Executive Engineer (PR)
Vigilance & Quality control
Division, Vijayawada.

To
The Engineer-In-Chief,
Panchayat Raj
Vijayawada.


Sir,

Sub: P.R. V&QC Division, Vijayawada – PR Roads (plain) – Cement stabilized Roads – “Rehabilitation of MV Road to Pooranki H/w (via) Salipeta” – Stabil Road Asphalt recycling- Core samples collected and tested- test report Submitted– Regarding..

2) IRC Sp89 Part II “Guide lines for the design of Stabilised Pavements”

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I submit the work “Rehabilitation of MV Road to Pooranki H/w (via) Salipeta using stabiproad Asphalt Recycling in poranki(V) of penalmaru (M) “ Est. Rs.165.00 lakhs was sanctioned under PR Roads (Plain).

The field engineers informed that M/s Vishwa Samudra Engineering Private Limited, Muthukuru (V & P) Nellore have executed 2.265 Km long Road project using Asphalt full depth recycling & Soil stabilization technology at above said road using additive with brand name of Stabilroad.

In the reference cited above, the Superintending Engineer, PR Machilipatnam requested to conduct QC tests for the above said work. The same was inspected, core samples collected on 23-12-2018 and tested on 31-12-2018.

It is observed that neither pot holes nor cracks were observed and the condition of the road is found traffic worthy and satisfactory. The core samples were collected at six different locations for the Satabilised base. The Test results were ranging from 5.39 Mpa to 13.54 Mpa. As per Annexure –II B of IRC Sp-89 (Part II) - 2018 “Guide lines for the design of Stabilised Pavements” for Cementenious bases the minimum strength required 4.5 – 7.00 Mpa in 7/28days. The test results are here with submitted.

This is submitted for favour of information.

Yours faithfully

[Signature]

Executive Engineer (PR),
Vigilance & Quality Control
Division, VIJAYAWADA

Copy submitted to the Chief Engineer, PR, Vijayawada.
Copy submitted to the Superintending Engineer, PR Circle Machilipatnam at Vijayawada.
<table>
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<tr>
<th>SL No.</th>
<th>Core ID</th>
<th>Location of the Core</th>
<th>Core Dia in mm</th>
<th>Core length in mm</th>
<th>Core area in sq mm</th>
<th>Core strength in N/mm²</th>
<th>Core dia in mm</th>
<th>Core length in mm</th>
<th>Core area in sq mm</th>
<th>Core strength in N/mm²</th>
<th>Depth of Core after trimming in mm</th>
<th>Core strength in Mpa</th>
<th>Corrected Core strength in Mpa</th>
<th>Equivalent Cube strength in Mpa (1.25 x Core strength)</th>
<th>Date of testing</th>
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