

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.

Lr. Rc..No.AE6/Krishna/Cement stabilized Roads/Poranki/2019. dated.02.01.2019.

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..

Ref: 1) Lr. Rc. No. AE4/PR Roads(P)/Poranki (V)/2018 Dt.15-11-2018 of SE, PR, Machilipatnam at Vijayawada.
2) IRC Sp89 Part II “Guide lines for the design of Stabilised Pavements”

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

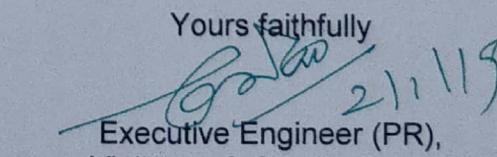
The field engineers informed that M/s Vishwa Samudra Engineering Private Limited, Muthukuru (V & P) Nellore have executed 2.265 Km long Road project using Asphalt full depth recycling & Soil stabilization technology at above said road using additive with brand name of Stabilroad.

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


21/1/19
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.

SOIL CORE TEST REPORTS

Name of the Work	Rehabillazation to the road from C.I.									
Name of the Division	Vijayawada									
Name of the Sub-division	Vijayawada									
Date of Core cutting	23.12.2018									
Sl.No.	Core ID	Core Location in mts	Core Dia in mm	Depth of Core after tredding mm.	L/D Ratio	Core area in sq mm	Ultimate load in N	Core strength in N/sq mm	Correction factor	Corrected Core strength in Mpa
1	S 1	On BT road at 0.464 KM and 3.50 mts from Center of the road edge	144	174	1.21	16288.13	76900	4.72	0.913	4.31
2	S 2	On BT road at 0.484 KM and 1.70 mts from L.H.S of the road edge	144	227	1.58	16288.13	111600	6.85	0.954	6.54
3	S 3	On BT road at 0.896 KM and 0.75 mts from R.H.S of the road edge	144	181	1.26	16288.13	192000	11.79	0.919	10.83
4	S 4	On BT road at 1.342 KM and 0.75 mts from L.H.S of the road edge	144	162	1.13	16288.13	190000	11.66	0.904	10.55
5	S 5	On BT road at 1.638 KM and 1.85 mts from Center of the road edge	144	170	1.18	16288.13	146000	8.96	0.91	8.16
6	S 6	On BT road at 2.009 KM and 0.75 mts from R.H.S of the road edge	144	237	1.65	16288.13	145000	8.90	0.962	8.56

20/02/19

	Executive Engineer (P.R)
	Vigilance & Quality Control
	Division, Vijayawada.

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Executive Engineer (P.R) **Vigilance & Quality Control**

Division, Vijayawada.