

272

Format - "A" (For Roads / Approach Roads)

- 1 Name of Scheme - RRSMP (Een)
2 Name of Road - Sirdilpur Hanuman Mander se Santosh Ray ke ghar
3 Name of Circle - Hale hua Panchayat Bhawan tak
4 Name of Division - Patari Block - Patari
5 Length of Road (Sanctioned) - 550m Actual Length -
6 Date of inspection - 29/12/2015

Sl. No.	Parameters	Remarks
1	Attention to Quality	
I.	Field laboratory established with all necessary equipment (Attach Geo tagged Photographs)	Yes, Satisfactory
II.	QC Register Part-1 & Part-2 maintained and mandatory test conducted as per provisions	Yes, Satisfactory
III.	Mention the name of tests conducted & their findings related to the following materials	
(a)	Cement/concrete	— NA —
(b)	Sand	— NA —
(c)	Stone	— NA —
(d)	Steel	— NA —
	Awarded grade	
2	Geometrics	
I.	Chainage (m)	100 m
II.	Roadway width(m) <u>Habitation both side.</u>	3.75m
III.	Carriageway width (m)	3.75m
IV.	Carriageway camber (%)	2.45%.
V.	Shoulder width (m)	Ongoing - NA
VI.	Shoulder camber (%)	Ongoing - NA
VII.	Side slope (V:H)	Ongoing - NA
VIII.	Super elevation(%) / Widening (m)	— NA —
	Awarded grade	'S'

VER

3	Earth Work and sub grade	
I.	Chainage (m)	
II.	Soil identification/classification	
III.	Degree of Compaction (%)	
	Awarded grade	NA
4	Sub-Base	
I.	Chainage (m)	
II.	Thickness of the layer (mm)	
III.	Gradation of Sub-base material	
IV.	Plasticity of sub base material	
V.	Compaction of sub base layer (%)	
	Awarded grade	NA
5	Base Coarse-Water Bound Macadam (WMM/WBM)	
I.	Chainage (m)	
II.	Thickness of each layer of WBM/WMM (mm)	
III.	Plasticity of Crushable Aggregate	
IV.	Volume of filter ^{filler} material (%)	
V.	Gradation of Coarse Aggregate	
	Awarded grade	NA
6	Bituminous Base Coarse (BM)	
I.	Chainage (m)	
II.	Percentage of Bitumen Content	
III.	Thickness of Bituminous layer	
IV.	Grading of Coarse Aggregate	
		NA

VRM

(275)

	Awarded grade	NA
7	Bituminous Layer-premix Carpet (PMC) / MSS/ SDBC	
I.	Chainage (m)	
II.	Percentage of Bitumen Content	
III.	Thickness of Bituminous layer	
IV.	Grading of Coarse Aggregate	
V.	Quality of wearing surface (Attach the test report of IRI)	
	Awarded grade	NA
8	Dry lean Cement Concrete	
I.	Chainage (m)	
II.	Thickness (mm)	
III.	Compressive Strength of CC in Concrete Pavement / Concrete Block	
IV.	Awarded grade	NA
9	CC/PQC/Panel Concrete Pavements	
I.	Chainage (m)	100 m
II.	Thickness of the pavement (mm)	125 mm
III.	Width of the pavement (m)	3.75m
IV.	Compressive Strength of CC in Concrete Pavement / Concrete Block	
V.	Quality of workmanship joints & edges etc.	Satisfactory 'S'
VI.	Quality of wearing surface (Attach the test report of IRI)	NA
	Awarded grade	'S'
8	Shoulders	
I.	Chainage (m)	
II.	Width of the shoulder (m)	
III.	Quality of material for Shoulders	
IV.	Degree of Compaction (%) (Attach the test report)	NA

ver

	Awarded grade	NA
9	Cross Drainage Works	
I.	Chainage (m)	
II.	Type of CD structure	
III.	Quality of material, such as concrete(cube test), stone/brick masonry, hume pipe including size etc.	
IV.	Quality of workmanship, such as positioning of Hume pipes, wing walls, cushion over hume pipes, vent clearance etc.	
V.	Parapet Walls	
	Awarded grade	
10	Side Drain and Catch Water Drain	
I.	Chainage (m)	
II.	General quality of side Drains /Catch Water Drains and their integration with CD Structures	
	Awarded grade	
11	Road Furniture and Markings	
I.	Main informatory Board (As per norms)	Yes - Satisfactory
II.	Citizen Informatory/ Maintenance Board (As per norms)	Yes - Satisfactory
III.	Kilometer post/200 m Stone/ Precautionary/ Mandatory Sign Boards	NA
IV.	Road Marking	'S'
	Awarded grade	Satisfactory 'S'

Remarks : PCC surface completed. Work is in Satisfactory Condition.

Note:-

- * Attach Test Report
- * Attach Relevant Photographs

(Signature) Vivek Rai
 29/12/24
 Name of AE/EE/SE-VIVEK KUMAR RAI
 Office- TN&C - Lab
 Patan

REBOUND HAMMER TEST

Road Name:- Sirdilpur Hanuman Mandir se Santosh Rai ke ghar
 Package no:- RRSMP/25-26/Patoni/08 Hote hue Panchayat Bhawan tak.
 Location:- CH-100m CH-340m
 Structure:- PQC M-35 Pavement
 Date:- 29.12.2025

Sl No.	Observation of Rebound Hammer Test R- Value		Remarks
1	CH-100m 40	CH-340m 38	Assuming correction factor =0.97
2	42	38	
3	36	40	
4	40	38	
5	39	44	
6	38	36	
7	42	40	Assuming correction factor = 0.97 Compressive Strength as per taking considration of 0.97 Correction Factor .
8	44	42	
9	36	39	
10	Total = 357	Total = 355	
11	Avg = $\frac{357}{9} = 39.67$	Avg = $\frac{355}{9} = 39.44$	
12			
13			

Avg Compressive strength=..... Mpa
 CH-100m $\rightarrow 39.67 \times 0.97 = 38.48 \text{ MPa}$
 CH-340m $\rightarrow 39.44 \times 0.97 = 38.26 \text{ MPa}$.

② P. Kumar
 29/12/25
 Tested By

✓ Richa Rai
 29/12/2025
 AE
 Checked By
TNQC lab
Patoni