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

- 1 Name of Scheme - R.R.S.M.P. (G.M.)
- 2 Name of Road - Patai Choklasati Main road Jadhwa Chokk Hanuman
- 3 Name of Circle - Samastipur Chainage/Location
- 4 Name of Division - Patai Block- Patai
- 5 Length of Road (Sanctioned) - 1200 m Actual Length-
- 6 Date of inspection- 29/12/2025

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	'S'
2	Geometrics	
I.	Chainage (m)	850m
II.	Roadway width(m) <u>Habitat on either side</u>	5.0m
III.	Carriageway width (m)	3.75m
IV.	Carriageway camber (%)	2.48%.
V.	Shoulder width (m)	On going - NA
VI.	Shoulder camber (%)	On going - NA
VII.	Side slope (V:H)	On going - NA
VIII.	Super elevation(%) / Widening (m)	— NA —
	Awarded grade	'S'

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3	Earth Work and sub grade	
I.	Chainage (m)	
II.	Soil Identification/classification	
III.	Degree of Compaction (%)	
	Awarded grade	
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	
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	
6	Bituminous Base Coarse (BM)	
I.	Chainage (m)	
II.	Percentage of Bitumen Content	
III.	Thickness of Bituminous layer	
IV.	Grading of Coarse Aggregate	

	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	
8	Dry lean Cement Concrete	
I.	Chainage (m)	
II.	Thickness (mm)	
III.	Compressive Strength of CC in Concrete Pavement / Concrete Block	
IV.	Awarded grade	
9	CC/PQC/Panel Concrete Pavements	
I.	Chainage (m)	850m
II.	Thickness of the pavement (mm)	100mm
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)	

	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.	NA
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)	NA
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	— NA —
	Awarded grade	'S'

Remarks: PCC surface completed. Work is in satisfactory condition

Note:-

- * Attach Test Report
- * Attach Relevant Photographs

Vivek Rai
29/12/2015
(Signature)

Name of AE/EE/SE-VIVEK KUMAR RAI

Office- TN&C - lab

Patan

REBOUND HAMMER TEST

Road Name:- Patori Chapkalsahi Main Road godpura Chowk Hanuman Mandir
 Package no:- RRSMP/2425 Patori/04 to Damri Ashtan taluk.
 Location:- CH-600m, CH-850m
 Structure:- PCC-M35-Pavement
 Date:- 29.12.2025

Sl No.	Observation of Rebound Hammer Test R- Value		Remarks
1	CH-600m 38	CH-850m 34	Assuming correction factor =0.97
2	39	36	
3	44	36	
4	44	38	
5	40	40	
6	38	36	
7	38	34	Assuming correction factor = 0.97 Compressive Strength as per taking considration of 0.97 Correction Factor .
8	44	39	
9	34	40	
10	Total = 359	Total = 333	
11	Avg = $\frac{359}{9} = 39.88$	Avg = $\frac{333}{9} = 37.0$	
12			
13			

Avg Compressive strength=..... Mpa
 CH-600m , $39.88 \times 0.97 = 38.69 \text{ MPa}$
 CH-850m , $37 \times 0.97 = 35.89 \text{ MPa}$.

Done
 29/12/25
 Tested By

Checked By AE
 TNQ C lab
 Patori