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

1 Name of Scheme- R RSMP (Gen) Purani Bazar PWD Road
2 Name of Road – Kani chowk to Chainage/Location 200M
3 Name of Circle – Samastipur
4 Name of Division - Patari   Block- Patari
5 Length of Road (Sanctioned) - 700m   Actual Length- 0.700 KM
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	— NA —
(a)	Cement/concrete	— NA —
(b)	Sand	— NA —
(c)	Stone	— NA —
(d)	Steel	— NA —
	Awarded grade	'S'
2	**Geometrics**	
I.	Chainage (m) Ch. 200M	Ch. 200 M
II.	Roadway width(m)	5.80 M
III.	Carriageway width (m)	3.75 M
IV.	Carriageway camber (%)	2.40 %
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'

1

3	Earth Work and sub grade	
I.	Chainage (m)	
II.	Soil identification/classification	NA
III.	Degree of Compaction (%)	
	Awarded grade	
4	Sub-Base	
I.	Chainage (m)	
II.	Thickness of the layer (mm)	
III.	Gradation of Sub-base material	NA
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 material (%)	NA
V.	Gradation of Coarse Aggregate	
	Awarded grade	
6	Bituminous Base Coarse (BM)	
I.	Chainage (m)	
II.	Percentage of Bitumen Content	NA
III.	Thickness of Bituminous layer	
IV.	Grading of Coarse Aggregate	

2

		Awarded grade	NA
7		**Bituminous Layer-premix Carpet (PMC) / MSS/ SDBC**	
I.		Chainage (m)	NA
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)	NA
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)	200m
II.		Thickness of the pavement (mm)	100 mm
III.		Width of the pavement (m)	3.75 m
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)	NA
II.		Width of the shoulder (m)	
III.		Quality of material for Shoulders	
IV.		Degree of Compaction (%)(Attach the test report)	

3

		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)	
II.		General quality of side Drains /Catch Water Drains and their integration with CD Structures	NA
		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 —— /S/
		Awarded grade	Satisfactory /S/

Remarks :- PCC surface Completed. Work is in Satisfactory Condition.

Note:-   * Attach Test Report
           * Attach Relevant Photographs
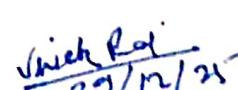
Vivek Raj
29/12/25
(Signature)
Name of AE/EE/SE- VIVEK KUMAR &
Office- TN PC – lab
       Patori

4

REBOUND HAMMER TEST

Road Name:- KAVI chowk to purani Bazar PWD Road

Package no:- RRSMP/24-25/Patori/04

Location:- CH-200m , CH-350m

Structure:- PQC-M35- Pavement

Date:- 29.12.2025

SI No.	Observation of Rebound Hammer Test R- Value		Remarks
	CH-200m	CH-350m	
1	38	40	
2	38	40	
3	30	32	Assuming correction factor =0.97
4	36	38	
5	42	36	
6	37	30	
7	39	44	
8	40	34	
9	40	36	Assuming correction factor = 0.97 Compressive Strength as per taking considreation of 0.97 Correction Factor .
10	Total = 340	Total = 330	
11	Avg = $\frac{340}{9}$ = 37.78	Avg = $\frac{330}{9}$ = 36.67	
12			
13			

Avg Compressive strength=.. Mpa

$$CH-200m — 37.78 \times 0.97 = 36.65 \, MPa.$$

$$CH-350m — 36.67 \times 0.97 = 35.57 \, MPa$$

Tested By 29/12/25

Checked By Vivek Rai 29/12/2025 AE

TNQC lab Patori