

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

(222)

1 Name of Scheme - RRSMP (Gen)
 2 Name of Road - SHT 01 - Hawaipur Chainage/Location 100m
 3 Name of Circle - Somastipur
 4 Name of Division - Potari Block - Potari
 5 Length of Road (Sanctioned) - 2120m 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)	<u>Yes, Satisfactory</u>
II.	QC Register Part-1 & Part-2 maintained and mandatory test conducted as per provisions	<u>Yes, Satisfactory</u>
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	<u>1S</u>
2	Geometrics	
I.	Chainage (m)	<u>100m</u>
II.	Roadway width(m)	<u>5.2m</u>
III.	Carriageway width (m)	<u>3.75m</u>
IV.	Carriageway camber (%)	<u>2.38%</u>
V.	Shoulder width (m)	<u>Ongeling - NA</u>
VI.	Shoulder camber (%)	<u>Ongeling - NA</u>
VII.	Side slope (V:H)	<u>Ongeling - NA</u>
VIII.	Super elevation(%) / Widening (m)	— NA —
	Awarded grade	<u>1S</u>

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3	Earth Work and sub grade	
I.	Chainage (m)	NR
II.	Soil identification/classification	
III.	Degree of Compaction (%)	
	Awarded grade	
4	Sub-Base	
I.	Chainage (m)	NR
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)	NR
II.	Thickness of each layer of WBM/WMM (mm)	
III.	Plasticity of Crushable Aggregate	
IV.	Volume of filter material (%)	
V.	Gradation of Coarse Aggregate	
	Awarded grade	
6	Bituminous Base Coarse (BM)	
I.	Chainage (m)	NR
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)	<i>Not Executed till not Executed till</i>
	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	<i>NA</i>
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)	3.75 m
IV.	Compressive Strength of CC in Concrete Pavement / Concrete Block	
V.	Quality of workmanship joints & edges etc.	<i>Satisfactory 'S'</i>
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)	<i>NA</i>

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	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.	NA
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	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 —
	Awarded grade	15'

Remarks: PCC surface completed. Work is in Satisfactory Condition

Note:- * Attach Test Report

* Attach Relevant Photographs

*Vivek Ray
29/12/2015*

(Signature)

Name of AE/EE/SE- VIVEK KUMAR RAI

Office- TNQC - Lab

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REBOUND HAMMER TEST

Road Name:- SH 701 - Hawaspur

Package no:- RR SMP/24-25/Patani/04

Location:- CH-100m, CH-220m

Structure:- PCC - M35 - Pavement

Date:- 29.12.2025

Sl No.	Observation of Rebound Hammer Test R- Value		Remarks
1	CH-100m 34	CH-220m 40	
2	34	42	
3	40	36	Assuming correction factor = 0.97
4	42	30	
5	39	38	
6	40	42	
7	36	36	
8	39	34	
9	38	38	Assuming correction factor = 0.97
10	Total = 342	Total = 336	Compressive Strength as per taking consideration of 0.97 Correction Factor.
11	Avg = $\frac{342}{9} = 38.00$	Avg = $\frac{336}{7} = 37.33$	
12			
13			

Avg Compressive strength=..... Mpa

$$CH-100m \rightarrow 38.00 \times 0.97 = 36.86 \text{ MPa}$$

$$CH-220m \rightarrow 37.33 \times 0.97 = 36.21 \text{ MPa}$$

Analysed
29/12/25

Tested By

Wick R
29/12/2025
AE

Checked By TNCLC Lab

Patani