(22)

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

1 Name of Scheme- RRSMP(Gen)
2 Name of Road - L027 - Hansapur Ghat to Brahmsthan Chainage/Location
3 Name of Circle - Samastipur
4 Name of Division - Samastipur Block- Khanpur
5 Length of Road (Sanctioned) - 0.950 Km Actual Length- 0.950 Km
6 Date of inspection- 30-11-2025

Arij
30/11/2025
AE

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	Satisfactory (S)	
2	**Geometrics**		
I.	Chainage (m)	50m	78000
II.	Roadway width(m)	5.00 m	5.00 m
III.	Carriageway width (m)	3.75 m	3.75 m
IV.	Carriageway camber (%)	2.08%	2.08%
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	Satisfactory (S)	

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	
IV.	Plasticity of sub base material	NA
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 (%)	NA
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	NA
IV.	Grading of Coarse Aggregate	

Scanned with OKEN Scanner

	Awarded grade		
7	**Bituminous Layer-premix Carpet (PMC) / MSS/ SDBC**		
I.	Chainage (m)		
II.	Percentage of Bitumen Content		
III.	Thickness of Bituminous layer	NA	
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)	NA	
III.	Compressive Strength of CC in Concrete Pavement / Concrete Block		
IV.	Awarded grade		
9	**CC/PQC/Panel Concrete Pavements**		
I.	Chainage (m)	50m	780m
II.	Thickness of the pavement (mm)	125mm	125mm
III.	Width of the pavement (m)	3.75m	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		
8	**Shoulders**		
I.	Chainage (m)		
II.	Width of the shoulder (m)		
III.	Quality of material for Shoulders	NA	
IV.	Degree of Compaction (%)(Attach the test report)		

274

	Awarded grade	
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
	Awarded grade	Satisfactory (S)

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

Note:- * Attach Test Report

* Attach Relevant Photographs

30/11/2025

(Signature)

Name of AE/~~EE~~- RISHI RAJ

Office- AE - ~~P~~ TNQC - Lab Samastipur

REBOUND HAMMER TEST

Name of Road:- L027 - Hansapur ghat to Brahmsthan
Package No:- RRSMP/24-25-Samastipur/ , Block- Khanpur
Location:- CH- 50m, 780m
Structure:- PCC-Pavement-M-35
Date:- 30-11-2025

Sl No	Observation of Rebound Hammer Test R-Value		Remarks
1	CH- 50m - 38	CH- 780m 37	Assuring Correction Factor= 0.97
2	41	39	
3	42	41	Compressive Strength
4	39	38	CH= 50 - 38.80 Mpa
5	38	37	CH-780m - 38.48 Mpa
6	37	42	
7	43	41	Assuming Correction Factor=0.97 Compressive Strength as Per Taking Consideration of 0.97 Correction Factor
8	42	43	
9	40	39	
10	Total = 360	Total = 357	
11	Avg. value of Rebound Hammer = 360/9	= 357/9	
12	= 40.00	= 39.67	
13	CH-50m = 40.00 M	CH = 780m = 39.67	

Average, Compressive Strength = CH-50m = 40.00 X 0.97 = 38.80 Mpa

CH-780m = 39.67 X 0.97 = 38.48 Mpa

Tested By

30/11/2025 AE

30/11/2025 Checked By
AE
TNQC AE Samastipur