

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

- 1 Name of Scheme- RRSMP(Gen)
- 2 Name of Road - Hanuman chook to yadav Tola Chainage/Location
- 3 Name of Circle - Samastipur
- 4 Name of Division - Samastipur Block- Samastipur
- 5 Length of Road (Sanctioned) - 0.820km Actual Length- 0.820km
- 6 Date of inspection- 25/11/2025

Sl. No.	Parameters	Remarks
1	Attention to Quality	
I.	Field laboratory established with all necessary equipment (Attach Geo tagged Photographs)	Yes
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)	185 m 730m
II.	Roadway width(m)	5.50m 5.50m
III.	Carriageway width (m)	3.75 m 3.75 m
IV.	Carriageway camber (%)	2.24 % 2.08%
V.	Shoulder width (m)	Ongoing work
VI.	Shoulder camber (%)	Ongoing work
VII.	Side slope (V:H)	Ongoing work
VIII.	Super elevation(%) / Widening (m)	— NA —
	Awarded grade	Satisfactory (S)

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	

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	Awarded grade		
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)	185 m	730 m
II.	Thickness of the pavement (mm)	125 mm	125 mm
III.	Width of the pavement (m)	3.75 m	3.75 m
IV.	Compressive Strength of CC in Concrete Pavement / Concrete Block	39.23 MPa	39.45 MPa
V.	Quality of workmanship joints & edges etc.	Satisfactory -	
VI.	Quality of wearing surface (Attach the test report of IRI)		
	Awarded grade		
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)		

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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.	
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	Yes - Satisfactory
IV.	Road Marking	Yes - Satisfactory
	Awarded grade	Satisfactory (S)

Note:-

- * Attach Test Report
- * Attach Relevant Photographs

P/L 25/11/2015
 (Signature)
 Name of AE/EE/SE- RISHI RAJ
 Office- TN&C lab
 Samant/2pm2

REBOUND HAMMER TEST

Name of Road:- Hanuman chowk to yadav Tola
 Package No:- RRSMP/24-25 Samaspur/09
 Location:- CH - 185m
 Structure:- PQC - Pavement - M-35
 Date:- 25-11-2025

Sl No	Observation of Rebound Hammer Test R-Value	Remarks
1	37	Assuring Correction Factor=0.97..... Compressive Strength =39.23.....Mpa
2	39	
3	44	
4	42	
5	41	
6	38	
7	39	Assuming Correction Factor=0.97 Compressive Strength as Per Taking Consideration of 0.97 Correction Factor
8	43	
9	41	
10	Total = 364	
11	Avg value of Rebound Hammer = 40.44	
12		
13		

Average, Compressive Strength = 40.44×0.97 Mpa
 = 39.23

Tested By

Prakash Kumar
 25/11/25
 5E

Prakash Kumar
 25/11/2025
 AE
 TNQC Lab
 Samaspur

Checked By

REBOUND HAMMER TEST

Name of Road:- Hanuman chowk to yadav Tola
 Package No:- RRSMP/24-25/Samaraspur/09-
 Location:- CH- 155 730m
 Structure:- PQC - Pavement - M-35
 Date:- 25/11/2025

Sl No	Observation of Rebound Hammer Test R-Value	Remarks
1	38	Assuring Correction Factor= 0.97 Compressive Strength = 39.45 Mpa
2	37	
3	45	
4	42	
5	38	
6	41	
7	43	Assuming Correction Factor=0.97 Compressive Strength as Per Taking Consideration of 0.97 Correction Factor
8	39	
9	43	
10	Total = 366	
11	Avg. value of Hammer Rebound = $\frac{366}{9}$	
12		
13	= 40.67	

Average, Compressive Strength = 40.67×0.97 Mpa
 = 39.45 Mpa

Tested By

Prakash Kumar
 25/11/25
 S.K.

Prakash Kumar
 25/11/2025
 AE
 TNQC Lab
 Samaraspur

Checked By