

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

- 1 Name of Scheme - RRS mp (Gon)
 2 Name of Road - Tol to Jitwaspur chadd Chainage/Location - 0.320 km, 0.630 km
 3 Name of Circle - Samantipur
 4 Name of Division - Samantipur Block - Samantipur
 5 Length of Road (Sanctioned) - 0.700 Actual Length - 0.700
 6 Date of inspection - 11-12-2025

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	Satisfactory (S)
2	Geometrics	
I.	Chainage (m)	0.320 km 0.630 km
II.	Roadway width(m)	5.00 5.00
III.	Carriageway width (m)	3.75 3.75
IV.	Carriageway camber (%)	2.34% 2.24%
V.	Shoulder width (m)	— NA —
VI.	Shoulder camber (%)	— NA —
VII.	Side slope (V:H)	— NA —
VIII.	Super elevation(%) / Widening (m)	— NA —
	Awarded grade	Satisfactory (S)

	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)	0.320	0.630
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	39.33 MPa	38.80 MPa
V.	Quality of workmanship joints & edges etc.	Satisfactory	
VI.	Quality of wearing surface (Attach the test report of IRI)	NA	
	Awarded grade	Satisfactory (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)		

Pol

	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	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

11/12/2015

(Signature)

Name of AE/EE/SE- RISHI RAJ

Office- TNQC - Lab

Samarthpur

REBOUND HAMMER TEST

Name of Road:- Tol to Jitwarpur chauth
 Package No:- RRSMP-24-25-Samarzipur-08, Block-Samarzipur
 Location:- CH-0.320km, CH-0.630km
 Structure:- PQC-M-35-Pavement
 Date:- 11-12-2025

Sl No	Observation of Rebound Hammer Test R-Value		Remarks
1	CH-0.320km - 38	CH-0.630km 39	Assuring Correction Factor= 0.97 Compressive Strength = CH-0.320km - 39.33 Mpa CH-0.630km - 38.80 Mpa
2	39	37	
3	42	41	
4	37	38	
5	41	42	
6	42	41	
7	41	42	Assuming Correction Factor=0.97 Compressive Strength as Per Taking Consideration of 0.97 Correction Factor
8	42	39	
9	43	41	
10	Total = 365	Total = 360	
11	Avg value of rebound Hammer 365	360	
12	9	9	
13	Avg = 40.55	Avg = 40	

Average, Compressive Strength = Mpa

$$CH-0.320km = 40.55 \times 0.97 = 39.33 \text{ Mpa}$$

$$CH-0.630km = 40.00 \times 0.97 = 38.80 \text{ Mpa}$$

Tested By

Project Hand
 11/12/2025
 S.E

AE
 11/12/2025
 Checked By
 TNRC Lab
 Samarzipur