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

1 Name of Scheme- Hajma chowk Tunna Miya ka ghar Ward No-3-M429ft2pu2 Seema.
2 Name of Road - RRSMP(SC) Chainage/Location
3 Name of Circle - Samastipur2
4 Name of Division Samastipur2 Block- Pusa
5 Length of Road (Sanctioned) - 1.200 Km Actual Length- 1.110 Km
6 Date of inspection- 25-11-2025

Arun Kumar 25/11/2025

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)	80m	525m	1050m
II.	Roadway width(m)	5.50	5.50	3.75
III.	Carriageway width (m)	3.75	3.75	3.75
IV.	Carriageway camber (%)	2.19%	2.08%	2.19%
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)		

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	

N/A

N/A

N/A

N/A

	Awarded grade	NA		
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)	80m	525m	1050 m
II.	Thickness of the pavement (mm)	125	125	125
III.	Width of the pavement (m)	3.75	3.75	3.75
IV.	Compressive Strength of CC in Concrete Pavement / Concrete Block			
V.	Quality of workmanship joints & edges etc.	S	S	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)	NA		
III.	Quality of material for Shoulders			
IV.	Degree of Compaction (%)(Attach the test report)			

	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 – Satisfaty
II.	Citizen Informatory/ Maintenance Board (As per norms)	Yes – Satisfaty
III.	Kilometer post/200 m Stone/ Precautionary/ Mandatory Sign Boards	NA
IV.	Road Marking	NA
	Awarded grade	Satisfaty (S)

Remarks - PCC- Surface Completed. Work is in Satisfaty Condition.

Note:- * Attach Test Report

* Attach Relevant Photographs

25/11/2025

Arun Kumar
25/11/2025
J.E

(Signature)

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

Office- AE-TNQC lab
Samastipur

REBOUND HAMMER TEST

Name of Road:- Hajma chowk Tunna Miya ke ghar Ward No-3 to Mazharpur Seema.
Package No:- RRSMP/24-25-Samastipur/0 , Block- ~~Khanpur~~ Pusa
Location:- CH- 525m, 1050m
Structure:- PQC-Pavement-M-35
Date:- 25-11-2025

Sl No	Observation of Rebound Hammer Test R-Value		Remarks
1	CH-525m - 36	CH-1050m - 38	Assuring Correction Factor= 0.97
2	38	37	
3	39	40	Compressive Strength
4	39	41	= CH-525 - 38.04 Mpa
5	41	39	CH-1050 - 38.48 Mpa
6	42	40	
7	37	39	Assuming Correction Factor=0.97 Compressive Strength as Per Taking Consideration of 0.97 Correction Factor
8	39	42	
9	42	41	
10	Total = 353	Total = 357	
11	Avg. value of rebound Hammer = 353/9	357/9	
12			
13	= 39.22	= 39.67	

Average, Compressive Strength = ... Mpa

CH-525 = 39.22 X 0.97 = 38.04
CH-1050 = 39.67 X 0.97 = 38.48

Tested By

Arun Kumar 25/11/2025 J.E

25/11/2025 AE

Checked By

TNQC lab Samastipur