(272)

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

1 Name of ~~Scheme~~ Road Nirpur-Pethia Hat RCD Path se Pathde Tola Nirpur chouraha Tak.
2 Name of ~~Road~~ Schore – RRSMP(Gen) Chainage/Location
3 Name of Circle – Samastipur
4 Name of Division -Samastipur- Block- Samastipur
5 Length of Road (Sanctioned) - 1.100 Actual Length- 1.100Km
6 Date of inspection- 24-11-2025

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)	230 m	960m
II.	Roadway width(m)	5.50	5.50
III.	Carriageway width (m)	3.75	3.75
IV.	Carriageway camber (%)	2.24% (42)	2.40% (45)
V.	Shoulder width (m)	Ongoing Work — NA	
VI.	Shoulder camber (%)	Ongoing Work — NA	
VII.	Side slope (V:H)	Ongoing Work — NA	
VIII.	Super elevation(%) / Widening (m)	Ongoing Work — 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	NA
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 (%)	NA
V.	Gradation of Coarse Aggregate	
	Awarded grade	
6	**Bituminous Base Coarse (BM)**	
I.	Chainage (m)	
II.	Percentage of Bitumen Content	NA
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	NA
III.	Thickness of Bituminous layer	
IV.	Grading of Coarse Aggregate	
V.	Quality of wearing surface (Attach the test report of IRI)	
	Awarded grade	NA
8	**Dry lean Cement Concrete**	
I.	Chainage (m)	
II.	Thickness (mm)	
III.	Compressive Strength of CC in Concrete Pavement / Concrete Block	NA
IV.	Awarded grade	
9	**CC/PQC/Panel Concrete Pavements**	
I.	Chainage (m)	230 m / 960 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	39.12 MPa / 39.01 MPa
V.	Quality of workmanship joints & edges etc.	satisfactory
VI.	Quality of wearing surface (Attach the test report of IRI)	ongoing work – NA –
	Awarded grade	Satisfactory (S)
8	**Shoulders**	
I.	Chainage (m)	NA
II.	Width of the shoulder (m)	NA
III.	Quality of material for Shoulders	NA
IV.	Degree of Compaction (%)(Attach the test report)	NA

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

Remarks - PCC - Pavement Surface Completed & Road marking done.

Note:- * Attach Test Report over all Satisfactory Condition

* Attach Relevant Photographs

24/11/2015

(Signature)

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

Office- TNRC Lab

Samastipur

REBOUND HAMMER TEST

Name of Road:- Nirpur Pelling hat RCD to Pathak Tol Nirpur chowraha Tak.
Package No:- RRSMP/24-25 Samastipur/09.
Location:- CH - 230 m
Structure:- PQC - Pavement - M-35
Date:- 24-11-2025

Sl No	Observation of Rebound Hammer Test R-Value	Remarks
1	39	Assuring Correction Factor= 0.97
2	40	
3	38	Compressive Strength = 39.12 Mpa
4	42	
5	41	
6	43	
7	37	Assuming Correction Factor=0.97 Compressive Strength as Per Taking Consideration of 0.97 Correction Factor
8	39	
9	44	
10	Total = 363	
11	Avg. value of Hammer Reboard = 363 / 9	
12		
13	≈ 40.33	

Average, Compressive Strength = 40.33 X 0.97 Mpa
= 39.12 Mpa

Tested By 29/11/25

24/11/2025 AE
Checked By
TNRC lab
Samastipur

REBOUND HAMMER TEST

Name of Road:- Nirpur Pethia hat RCD to Pathak Tol Nirpur
Package No:- RRSMP/24-25/Samastipur/09, Chowraha Tak.
Location:- CH - ~~960m~~ 960m
Structure:- PQC - Pavement - M-35
Date:- 24-11-2025

Sl No	Observation of Rebound Hammer Test R-Value	Remarks
1	41	Assuring Correction Factor= 0.97
2	40	
3	42	Compressive Strength = 39.01 Mpa
4	43	
5	39	
6	38	
7	37	Assuming Correction Factor=0.97 Compressive Strength as Per Taking Consideration of 0.97 Correction Factor
8	40	
9	42	
10	Total = 362	
11	Avg value of Rebound Hammer = 362/9	
12	= 40.22	
13		

Average, Compressive Strength = 40.22 X 0.97 Mpa
= 39.01 MPa

Tested By 24/11/25

24/11/2025
AE
TNRC Lab
Samastipur

Checked By