

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

222

1 Name of Scheme- RRSP (Gen)
 2 Name of Road - Meena Kumar ka ghar to Bhole Pandey ka ghar Tak.
 3 Name of Circle - Samastipur
 4 Name of Division - Samastipur
 5 Length of Road (Sanctioned) - 1.000 Km
 6 Date of inspection- 12-12-2025

Chainage/Location - 565m, 930m
 Block- Samastipur
 Actual Length- 1.000 Km

~~W.L.I.S.C~~

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)	565	930m
II.	Roadway width(m)	5.00	5.00
III.	Carriageway width (m)	3.75	3.75
IV.	Carriageway camber (%)	2.24 %	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)-	

P.D.

3	Earth Work and sub grade	
I.	Chainage (m)	
II.	Soil identification/classification	NR
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	NR
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 material (%)	NR
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	NR
IV.	Grading of Coarse Aggregate	

✓

275

	Awarded grade	No	
7	Bituminous Layer-premix Carpet (PMC) / MSS/ SDBC		
I.	Chainage (m)		NA
II.	Percentage of Bitumen Content		NA
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)		NA
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)	565	930
II.	Thickness of the pavement (mm)	125 mm	125 mm
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
VI.	Quality of wearing surface (Attach the test report of IRI)		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)		

P.V

	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)	NA
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 informative Board (As per norms)	Yes - Satisfactory
II.	Citizen Informative/ 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 Complete, Work is in Satisfactory Condition.

Note:- * Attach Test Report

* Attach Relevant Photographs

12/12/2015

(Signature)

Name of AE/EE/SE- RISHI RAJ

Office- TN&C- lab

Samarapur

REBOUND HAMMER TEST

Name of Road:- Meena, Kumar ke gher se Bholu Pandey ke gher Tak.
 Package No:- RR SMP / 24-25 / Samastipur - 08, Block - Samastipur
 Location:- CH - 565m, CH - 930m
 Structure:- PQC - M - 35 - Pavement
 Date:- 12 - 12 - 2025

Sl No	Observation of Rebound Hammer Test R-Value		Remarks
1	CH - 565m - 38	CH - 930m - 36	Assuring Correction Factor = 0.97
2	37	38	
3	39	41	Compressive Strength
4	36	39	= CH - 565m - 37.51 Mpa
5	38	38	CH - 930m - 37.72 Mpa
6	43	42	
7	42	41	Assuming Correction Factor = 0.97
8	38	37	Compressive Strength as Per
9	37	38	Taking Consideration of 0.97
10	Total = 348	350	Correction Factor
11	Avg. value of rebound Hammer = = 348 = 350		
12	9	9	
13	- 38.67	= 38.89	

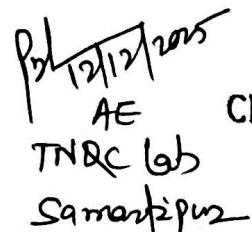
Average Compressive Strength = Mpa

$$CH - 565m - 38.67 \times 0.97 = 37.51 \text{ Mpa}$$

$$CH - 930m - 38.89 \times 0.97 = 37.72 \text{ Mpa}$$

Tested By


 12/12/2025
 5.6


 12/12/2025
 AE
 TNQCLab
 Samastipur

Checked By