

(277)

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

- 1 Name of Scheme - RRSMP (G.M.)  
 2 Name of Road - Bahadur Baba Kunal Mohanji ITI College Main Gate to  
Pulab ke ch-Jame Wali Chainage/Location Sadak RWA Path  
 3 Name of Circle - Samastipur  
 4 Name of Division - Patna Block- Patna  
 5 Length of Road (Sanctioned) - 1200m Actual Length-  
 6 Date of inspection - 29/12/2025

Sl. No.	Parameters	Remarks
<b>1</b>	<b>Attention to Quality</b>	
I.	Field laboratory established with all necessary equipment (Attach Geo tagged Photographs)	<u>yes, Satisfactory</u>
II.	QC Register Part-1 & Part-2 maintained and mandatory test conducted as per provisions	<u>yes, Satisfactory.</u>
III.	Mention the name of tests conducted & their findings related to the following materials	
(a)	Cement/concrete	<u>— NA —</u>
(b)	Sand	<u>— NA —</u>
(c)	Stone	<u>— NA —</u>
(d)	Steel	<u>— NA —</u>
	Awarded grade	<u>IS'</u>
<b>2</b>	<b>Geometrics</b>	
I.	Chainage (m)	<u>600m</u>
II.	Roadway width(m)	<u>5.4m</u>
III.	Carriageway width (m)	<u>3.75m</u>
IV.	Carriageway camber (%)	<u>2.48%</u>
V.	Shoulder width (m)	<u>— NA —</u>
VI.	Shoulder camber (%)	<u>Angari - NA</u>
VII.	Side slope (V:H)	<u>Angari - NA</u>
VIII.	Super elevation(%) / Widening (m)	<u>Angari - NA</u>
	Awarded grade	<u>IS'</u>

Y.R.

3	Earth Work and sub grade		NA
I.	Chainage (m)		
II.	Soil identification/classification		
III.	Degree of Compaction (%)		
	Awarded grade		
4	Sub-Base		NA
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)		NA
I.	Chainage (m)		
II.	Thickness of each layer of WBM/WMM (mm)		
III.	Plasticity of Crushable Aggregate		
IV.	Volume of <del>filter</del> <sup>filler</sup> material (%)		
V.	Gradation of Coarse Aggregate		
	Awarded grade		
6	Bituminous Base Coarse (BM)		NA
I.	Chainage (m)		
II.	Percentage of Bitumen Content		
III.	Thickness of Bituminous layer		
IV.	Grading of Coarse Aggregate		

NA

	Awarded grade	— NA —
7	<b>Bituminous Layer-premix Carpet (PMC) / MSS/ SDBC</b>	
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	<b>Dry lean Cement Concrete</b>	
I.	Chainage (m)	
II.	Thickness (mm)	
III.	Compressive Strength of CC in Concrete Pavement / Concrete Block	
IV.	Awarded grade	
9	<b>CC/PQC/Panel Concrete Pavements</b>	
I.	Chainage (m)	600m
II.	Thickness of the pavement (mm)	125 mm
III.	Width of the pavement (m)	3.75m
IV.	Compressive Strength of CC in Concrete Pavement / Concrete Block	
V.	Quality of workmanship joints & edges etc.	Satisfactory 'S'
VI.	Quality of wearing surface (Attach the test report of IRI)	— NA —
	Awarded grade	'S'
8	<b>Shoulders</b>	
I.	Chainage (m)	
II.	Width of the shoulder (m)	
III.	Quality of material for Shoulders	
IV.	Degree of Compaction (%) (Attach the test report)	



	Awarded grade	— NA —
<b>9</b>	<b>Cross Drainage Works</b>	
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	
<b>10</b>	<b>Side Drain and Catch Water Drain</b>	
I.	Chainage (m)	
II.	General quality of side Drains /Catch Water Drains and their integration with CD Structures	
	Awarded grade	
<b>11</b>	<b>Road Furniture and Markings</b>	
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	S
	Awarded grade	

Remarks:- PCC surface Completed. Work is in Satisfactory condition.

**Note:-**

- \* Attach Test Report
- \* Attach Relevant Photographs

Vivek Redi  
23/12/25

(Signature)

Name of AE/EE/SE-VIVEK KUMAR RA

Office- TNAC - Lab  
Patancheru

## REBOUND HAMMER TEST

Road Name:- Darwa Baba Kewal Maharaj ITI College Main Gate to Purab ke  
 Package no:- RRSMP/25-26/Or. Jane Wali Sadak Rwd Path tab Sadak Nirman.  
 Location:- CH-250m CH-600m  
 Structure:- PCC-M35 Pavement  
 Date:- 29.12.2025

Sl No.	Observation of Rebound Hammer Test R- Value		Remarks
1	CH-250m 42	CH-600m 36	Assuming correction factor = 0.97
2	38	38	
3	30	44	
4	38	30	
5	36	32	
6	34	38	
7	38	38	Assuming correction factor = 0.97
8	40	34	
9	36	36	
10	Total = 332	Total = 326	
11	Avg = $\frac{332}{9} = 36.88$	Avg = $\frac{326}{9} = 36.22$	Compressive Strength as per taking consideration of 0.97 Correction Factor.
12			
13			

Avg Compressive strength = ..... Mpa  
 CH-250m,  $36.88 \times 0.97 = 35.77 \text{ MPa}$   
 CH-600m,  $36.22 \times 0.97 = 35.13 \text{ MPa}$

Tested By Dayeed  
 29/12/25

Checked By Vivek Rai  
 29/12/2025  
 AE  
 TNQC Lab  
 Patan