

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

(222)

1 Name of Scheme RRSMP (Gan) 2 Name of Road - Darw^g Baba Kewal Moharji ITI College 3 Name of Circle - Path 4 Name of Division - Potri 5 Length of Road (Sanctioned) - 1200m 6 Date of inspection- 29/12/2025

Main Gate to
Chainage/Location Sadak RWA Path
Block- Potri
Actual Length-

Sl. No.	Parameters	Remarks
1	Attention to Quality	
I.	Field laboratory established with all necessary equipment (Attach Geo tagged Photographs)	Yes, Sat is satisfactory
II.	QC Register Part-1 & Part-2 maintained and mandatory test conducted as per provisions	Yes, Sat is 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	15'
2	Geometrics	
I.	Chainage (m)	600m
II.	Roadway width(m)	5.4m
III.	Carriageway width (m)	3.75m
IV.	Carriageway camber (%)	2.48%.
V.	Shoulder width (m)	— NA —
VI.	Shoulder camber (%)	Chugaj - NA
VII.	Side slope (V:H)	Chugaj - NA
VIII.	Super elevation(%) / Widening (m)	Chugaj - NA
	Awarded grade	15'

✓ RRI

3	Earth Work and sub grade	
I.	Chainage (m)	
II.	Soil identification/classification	
III.	Degree of Compaction (%)	NA
	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	NA
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 (%)	NA
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	NA
IV.	Grading of Coarse Aggregate	

UML

	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)	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	Shoulders	
I.	Chainage (m)	
II.	Width of the shoulder (m)	
III.	Quality of material for Shoulders	NA
IV.	Degree of Compaction (%)(Attach the test report)	

	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.	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	
	Awarded grade	
11	Road Furniture and Markings	
I.	Main informative 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 Rai
29/12/25

(Signature)

Name of AE/EE/SE- VIVEK KUMAR RAJ
Office- TNAC - Lab

Patay

REBOUND HAMMER TEST

Road Name:- Darwa Baba Kewal Maharaj ITI College Main Gate to Purab ke

Package no:- RRSMP/26-26/Paton-08 OR. Jane Wali Sadab Rwp Path talo Sadab 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	36	44	
4	38	30	
5	36	32	
6	34	38	
7	38	38	
8	40	34	
9	36	32	
10	Total = 332	Total = 326	Assuming correction factor = 0.97 Compressive Strength as per taking consideration of 0.97 Correction Factor.
11	Avg = $\frac{332}{9} = 36.88$	Avg = $\frac{326}{9} = 36.22$	
12			
13			

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

Sayed
29/12/25
Tested By

Vinod Rai
29/12/2025
AE
Checked By
TNQCLab
Patan