

TESTING AND QUALITY CONTROL LABORATORY

RURAL WORKS DEPARTMENT, SIWAN-2

Email ID:- aerwtdtqclabsiwan2@gmail.com

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

1. Name of Scheme - RRSMPL hen
2. Name of Road - Chandpali (Chhavani tola) Ratan mafar
ke Dukan talk
3. Name of Circle - Siwan
4. Name of Division - Siwan-02 Block - Jivindei
5. Length Of Road - 0.740 KM Actual Length - 0.740 KM
6. Date of Inspection - 06/12/2025 Chainage / Location -

SL No.	Parameters	Remarks
1.	<u>Attention to Quality</u>	
I	Field Laboratory established with all necessary equipment (Attach Geo tagged Photographs)	<u>Yes</u>
II	QC Register Part – 1 & Part – 2 Maintained and mandatory test conducted as per provisions	<u>Yes</u>
III	Mention the name of tests conducted & their findings related to the following materials	<u>NA</u>
(a)	Cement / Concrete	—
(b)	Sand	—
(c)	Stone	—
(d)	Steel	—
	Awarded Grade :-	<u>Satisfactory</u>
2.	<u>Geometrics</u>	
I	Chainage (m)	<u>0.250KM, 0.350KM</u>
II	Roadway Width (m)	<u>NA (Ongoing)</u>
III	Carriageway Width (m)	<u>3.75M, 3.75M.</u>
IV	Carriageway Camber (%)	<u>2.04%, 1.94%</u>
V	Shoulder Width (m)	<u>NA</u>
VI	Shoulder Camber (%)	<u>NA</u>
VII	Side Slope (V:H)	<u>NA</u>
VIII	Super Elevation (%)/ Widening (m)	<u>NA</u>
	Awarded Grade :-	<u>Satisfactory</u>

3.	<u>Earth Work and Sub Grade</u>	NA
I	Chainage (m)	—
II	Soil Idendification / Classification	—
III	Degree of Compaction (%)	—
	Awarded Grade :-	—
4.	<u>Sub-Base</u>	NA
I	Chainage (m)	—
II	Thicknessnof the layer (mm)	—
III	Gradation of Sub-base material	—
IV	Plasticity of sub base material	—
V	Compaction of sub base layer (%)	—
	Awarded Grade :-	—
5.	<u>Base Coarse-Water Bound Macadam (WMM/WBM)</u>	NA
I	Chainage (m)	—
II	Thickness of each layer of WMM/WBM (mm)	—
III	Plasticity of Crushable Aggregate	—
IV	Volume of filler material (%)	—
V	Gradation of Coarse Aggregate	—
	Awarded Grade :-	—
6.	<u>Bituminous Base Coarse (BM)</u>	NA
I	Chainage (m)	—
II	% of Bitumen Content	—
III	Thickness of Bituminous layer	—
IV	Grading of Coarse Aggregate	—
	Awarded Grade :-	—

7.	Bituminous Layer-Premix Carpet (PMC)/MSS/SDBC	NA
I	Chainage (m)	—
II	% of Bituminous 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.	Dry lean Cement Concrete	NA
I	Chainage (m)	—
II	Thickness (mm)	—
III	Compressive Strength of CC in Concrete Pavement / Concrete Block	—
	Awarded Grade :-	—
9.	CC/PQC/Panel Concrete Pavements	
I	Chainage (m)	0.250 Km, 0.350 Km
II	Thickness of pavement (mm)	100mm, 100mm
III	Width of the pavement (m)	3.75m, 375 m
IV	Compressive Strength of CC in Concrete Pavement / Concrete Block	353.60 N/cm ² 357.22 N/cm ² , 351.33 N/cm ²
V	Quality of workmanship joints & Edges etc.	Yes
VI	Quality of wearing surface (Attach the test report of IRI)	—
	Awarded Grade :-	Satisfactory
10.	Shoulders	NA
I	Chainage (m)	—
II	Width of shoulder (m)	—
III	Quality of material for shoulders	—

IV	Degree of Compaction (%) (Attach the test report)	—
	Awarded Grade :-	—
11.	<u>Cross Drainage Works</u>	NA
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 pipe, Wing Walls, Cushion over hume pipe, Vent Clearance etc.	—
V	Parapet Walls	—
	Awarded Grade :-	—
12.	<u>Side Drain & Catch Water Drain</u>	NA
I	Chainage (m)	—
II	General quality of side drain / Catch Water Drains & their integration with CD Structures	—
	Awarded Grade :-	—
13.	<u>Road Furniture & Road Markings</u>	Yes
I	Main information Board (As per Norms)	Yes
II	Citizen Information/ Maintenance Board (As per Norms)	Yes
III	Kilometer post / 200 m Stone / Precautionary / Mandatory Sign Boards	Yes
IV	Road Marking	Yes
	Awarded Grade :-	Satisfactory.

Note:- * Attach Test Report
* Attach Relevant Photographs

 06/12/25
 Mun Singh
06/12/25

Technical Supervisor
Testing & Quality
Control Laboratory, R.W.D
Siwan-2

 06/12/25

Assistant Engineer
Testing & Quality
Control Laboratory, R.W.D
Siwan-2

OFFICE OF THE ASSISTANT ENGINEER
R.W.D TESTING AND QUALITY CONTROL LABORATORY SIWAN -2 (BIHAR)

Name of work :- Cube Test for PCC - M35
 Name of Road :- Chandpali (Chhavani tala) Vishisth Yatrai Wardukam tank
 Name of Division :- R W D Work Division Siwan -2 Date of Collection/Receipt 07-08-25
 Name of Agency:- MIS Andarsh Const Date of Test 05/09/25
 Agreement No :- 031CMBPL2025-26 Package No :- RR3MPB4-25/9/2025-2/07
 Ref:- (PIU) A.E , R.W.D Work Sub Div J.Nand LT.No.....Date 06-08-25

SL. NO	Test after 28 days			Test after 28 days		
	Dt. Of Concreting	Dt. Of test	ID Marks	Area C.M ²	Maximum Load KN	CRUSHING STRENGTH KG/C.M ²
			A1	225	780	353.60
			A2	225	788	357.22
			A3	225	775	351.33
Remarks			—	M-35	—	—

Remarks :- (M-35 Permissible)

Memo no. Date.....

Copy to:- E.E R.W.D Works Division Siwan -02
 Md. Rafi 05/09/25 T.S 05/09/25 T.S 05/09/25 T.S 05/09/25 A.E

R.W.D Testing and Quality
 Control Laboratory Siwan -2