

# TESTING AND QUALITY CONTROL LABORATORY

RURAL WORKS DEPARTMENT, SIWAN-2

Email ID:- aerwdtqclabsiwan2@gmail.com

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

1. Name of Scheme - R.R.S.M.P (Bhen)
2. Name of Road - Jhanda Purnkhand Sc. Survival Edigar tuk
3. Name of Circle - Siwan
4. Name of Division - Siwan - 02
5. Length Of Road - 0.690 KM
6. Date of Inspection - 9.1.2025

Block - Jhanda  
Actual Length - 0.690 KM  
Chainage / Location -

SL No.	Parameters	Remarks
1.	<b><u>Attention to Quality</u></b>	
I	Field Laboratory established with all necessary equipment (Attach Geo tagged Photographs)	Yes
II	QC Register Part – 1 & Part – 2 Maintained and mandatory test conducted as per provisions	Yes
III	Mention the name of tests conducted & their findings related to the following materials	NA
(a)	Cement / Concrete	—
(b)	Sand	—
(c)	Stone	—
(d)	Steel	—
	<b>Awarded Grade :-</b>	8
2.	<b><u>Geometrics</u></b>	
I	Chainage (m)	0.250 KM, 0.300 KM
II	Roadway Width (m)	NA (Ongoing)
III	Carriageway Width (m)	3.75M
IV	Carriageway Camber (%)	2.1%
V	Shoulder Width (m)	NA (Ongoing)
VI	Shoulder Camber (%)	NA //
VII	Side Slope (V:H)	NA //
VIII	Super Elevation (%)/ Widening (m)	NA
	<b>Awarded Grade :-</b>	Satisfactory

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

7.	<b>Bituminous Layer-Premix Carpet (PMC)/MSS/SDBC</b>	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)	—
	<b>Awarded Grade :-</b>	—
8.	<b>Dry lean Cement Concrete</b>	NA
I	Chainage (m)	—
II	Thickness (mm)	—
III	Compressive Strength of CC in Concrete Pavement / Concrete Block	—
	<b>Awarded Grade :-</b>	—
9.	<b>CC/PQC/Panel Concrete Pavements</b>	0.45m, 0.50m
I	Chainage (m)	0.250km, 0.500km
II	Thickness of pavement (mm)	125mm, 125mm
III	Width of the pavement (m)	3.75m, 3.75m
IV	Compressive Strength of CC in Concrete Pavement / Concrete Block	353.73 N/cm <sup>2</sup>
V	Quality of workmanship joints & Edges etc.	Yes
VI	Quality of wearing surface (Attach the test report of IRI)	—
	<b>Awarded Grade :-</b>	Satisfactory.
10.	<b>Shoulders</b>	NA (Ongoing)
I	Chainage (m)	NA
II	Width of shoulder (m)	NA
III	Quality of material for shoulders	NA

IV	Degree of Compaction (%) (Attach the test report)	—
	Awarded Grade :-	—
11.	<u>Cross Drainage Works</u>	N/A
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 &amp; Catch Water Drain</u>	N/A
I	Chainage (m)	—
II	General quality of side drain / Catch Water Drains & their integration with CD Structures	—
	Awarded Grade :-	—
13.	<u>Road Furniture &amp; 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



Man Singh  
24/12/25

Technical Supervisor

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



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 –1 (BIHAR)**

Name of work :- Cube Test For PCC M-35

Name of Road :- Tiradei Parkhanda Se Surwal Idgah Tak

Name of Division :- R W D Works Division Siwan-2 Date of Collection/Receipt 30.07.25

Name of Agency:- M/S Adarsh const

Date of Test 20.08.2025

Agreement No :- Q3/CRMBD/2025-26

Package No :- RRSMP/24-25/Siwan-2/07

Ref:- (PIU) A.E , R.W.D Works Sub Div Tiradei LT. No.....Q.....Date 29.07.2025....

SL. NO	Test after 28 days			Test after 28 days		
Dt. Of Concreting				<u>24.07.25</u>	<u>24.07.25</u>	<u>24.07.25</u>
Dt. Of test				<u>20.08.25</u>	<u>20.08.25</u>	<u>20.08.25</u>
ID Marks				<u>T<sub>1</sub></u>	<u>T<sub>2</sub></u>	<u>T<sub>3</sub></u>
Area C. M <sup>2</sup>				<u>225</u>	<u>225</u>	<u>225</u>
Maximum Load KN				<u>780</u>	<u>790</u>	<u>770</u>
Crushing strength Kg/C. M <sup>2</sup>				<u>353.74</u>	<u>358.27</u>	<u>349.20</u>
Remarks				—	<u>M-35</u>	—

Remarks :- [M-35 Permissible]

Memo no. .... Date.....

Copy to:- E.E R.W.D Works Division .... Siwan-02.....

Md. Rait  
20.08.25

Fo<sub>91</sub> L.A

R.W.D Testing and Quality  
Control Laboratory Siwan -1

Ran Singh  
20/08/25

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20/08/2025

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