

# TESTING AND QUALITY CONTROL LABORATORY

## RURAL WORKS DEPARTMENT, SIWAN-2

Email ID:- aerwdtqlabsiwan2@gmail.com

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

1. Name of Scheme - RRSM P (Gen)
  2. Name of Road - Jiradi thann Se jagdish Seth He  
Dukan dsk
  3. Name of Circle - Siwan
  4. Name of Division - Siwan-02
  5. Length Of Road - 0.600 KM
  6. Date of Inspection - 24/12/2025
- Block - Jiradi  
Actual Length - 0.600 KM  
Chainage/ Location - .....

SL No.	Parameters	Remarks
1.	<u>Attention to Quality</u>	
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	—
	Awarded Grade :-	Satisfactory.
2.	<u>Geometrics</u>	
I	Chainage (m)	0.225KM, 0.500km
II	Roadway Width (m)	NA (Ongoing)
III	Carriageway Width (m)	3.75M, 3.75M
IV	Carriageway Camber (%)	2.05%, 1.9%
V	Shoulder Width (m)	NA (Ongoing)
VI	Shoulder Camber (%)	NA (Ongoing)
VII	Side Slope (V:H)	NA ( )
VIII	Super Elevation (%) / Widening (m)	NA
	Awarded Grade :-	Satisfactory.

3.	<b><u>Earth Work and Sub Grade</u></b>	NA
I	Chainage (m)	—
II	Soil Identification / Classification	—
III	Degree of Compaction (%)	—
	Awarded Grade :-	—
4.	<b><u>Sub-Base</u></b>	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.	<b><u>Base Coarse-Water Bound Macadam (WMM/WBM)</u></b>	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.	<b><u>Bituminous Base Coarse (BM)</u></b>	NA
I	Chainage (m)	—
II	% of Bitumen Content	—
III	Thickness of Bituminous layer	—
IV	Grading of Coarse Aggregate	—
	Awarded Grade :-	—

7.	<u>Bituminous Layer-Premix Carpet (PMC)/MSS/SDBC</u>	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.	<u>Dry lean Cement Concrete</u>	NA
I	Chainage (m)	—
II	Thickness (mm)	—
III	Compressive Strength of CC in Concrete Pavement / Concrete Block	—
	Awarded Grade :-	—
9.	<u>CC/PQC/Panel Concrete Pavements</u>	Yes
I	Chainage (m)	0.225KM, 0.500KM
II	Thickness of pavement (mm)	100mm, 100mm
III	Width of the pavement (m)	3.75m, 3.75m
IV	Compressive Strength of CC in Concrete Pavement / Concrete Block	354.5N/cm <sup>2</sup> , 358.13N/cm <sup>2</sup> 356.32N/cm <sup>2</sup>
V	Quality of workmanship joints & Edges etc.	Yes
VI	Quality of wearing surface (Attach the test report of IRI)	—
	Awarded Grade :-	Satisfactory.
10.	<u>Shoulders</u>	NA/ongoing)
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 &amp; 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 &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

*P.S.*  
*24/12/25*  
**Technical Supervisor**  
Testing & Quality  
Control Laboratory, R.W.D  
Siwan-2

*Man Singh*  
*24/12/25*

*Man Singh*  
*24/12/25*  
**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 M-35  
 Name of Road :- Jiradei Thana Se Jagdish Seth keduankat  
 Name of Division :- R W D Work Division Siwan-2 Date of Collection/Receipt 24-07-25  
 Name of Agency :- M/S. Anandh Const. Date of Test 20-08-2025  
 Agreement No :- D2/CMBS/2025-26 Package No :- RRSMP/24-25/Siwan-2/07  
 Ref:- (PIU) A.E, R.W.D Work Sub Div Jiradei LT No. .... Date 23-07-2025

SL. NO	Test after 28 days			Test after 28 days		
Dt. Of Concreting				<u>23-07-25</u>	<u>23-07-25</u>	<u>23-07-25</u>
Dt. Of test				<u>20-08-25</u>	<u>20-08-25</u>	<u>20-08-25</u>
I D Marks				<u>A<sub>1</sub></u>	<u>A<sub>2</sub></u>	<u>A<sub>3</sub></u>
Area C.M <sup>2</sup>				<u>225</u>	<u>225</u>	<u>225</u>
Maximum Load KN				<u>782</u>	<u>790</u>	<u>786</u>
CRUSHING STRENGTH KG/C.M <sup>2</sup>				<u>354.50</u>	<u>358.13</u>	<u>356.32</u>
Remarks				<u>————</u>	<u>M-35 ———</u>	<u>————</u>

Remarks :- [M-35 Permissible]

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

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

Md. Palt  
20-08-25  
 L.A

Man Singh  
20/08/25  
 T.S

PR  
20/08/25  
 T.S

Angli  
20/08/25  
 A.E

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