

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 - RRSM.P.(11en)
2. Name of Road - Titra (Thehra) Baran Se Titra Panchayat
Chawan taluk
3. Name of Circle - Siwan
4. Name of Division - Siwan-02 Block - Jivadi
5. Length Of Road - 1.125KM Actual Length - 1.125KM
6. Date of Inspection - 24/12/2025 Chainage/ Location -

SL No.	Parameters	Remarks
1.	<u>Attention to Quality</u>	
I	Field Laboratory established with all necessary equipment (Attach Geo tagged Photographs)	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	
(a)	Cement / Concrete	—
(b)	Sand	—
(c)	Stone	—
(d)	Steel	—
	Awarded Grade :-	S
2.	<u>Geometrics</u>	
I	Chainage (m) <u>0.250KM, 0.300KM</u>	
II	Roadway Width (m)	Ongoing
III	Carriageway Width (m)	3.75m, 3.75m
IV	Carriageway Camber (%)	2.00%, 3.5%
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 :-	S

3.	<u>Earth Work and Sub Grade</u>	NA
I	Chainage (m)	—
II	Soil Identification / Classification	—
III	Degree of Compaction (%)	—
	Awarded Grade :-	—
4.	<u>Sub-Base</u>	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.	<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>	
I	Chainage (m)	0.300km
II	% of Bitumen Content	3.5%
III	Thickness of Bituminous layer	50mm
IV	Grading of Coarse Aggregate	Gr II
	Awarded Grade :-	S

7.	<u>Bituminous Layer-Premix Carpet (PMC)/MSS/SDBC</u>	
I	Chainage (m)	0.300KM
II	% of Bituminous Content	4.41%
III	Thickness of Bituminous layer	125mm
IV	Grading of Coarse Aggregate	GV II
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>	0.250km
I	Chainage (m)	
II	Thickness of pavement (mm)	125mm
III	Width of the pavement (m)	3.75m
IV	Compressive Strength of CC in Concrete Pavement / Concrete Block Cylinder	353.74N/cm ² 358.27N/cm ² , 353.74N/cm ²
V	Quality of workmanship joints & Edges etc.	Yes
VI	Quality of wearing surface (Attach the test report of IRI)	—
	Awarded Grade :-	
10.	<u>Shoulders</u>	On going
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>	
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	Ongoing
IV	Road Marking	Yes
	Awarded Grade :-	S

Note:- * Attach Test Report
* Attach Relevant Photographs

Phy
29/12/25
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

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RURAL WORKS DEPARTMENT, SIWAN-2
Email ID:- aerwdtqlabsiwan2@gmail.com

TEST RESULT FOR BITUMEN CONTENT OF SDBC/BM/MSS/PMC/SURFACE DRESSING

TEST FOR BITUMEN CONTENT OF :- B.M..... SCHEME:- RRSMP (Gen)....

NAME OF DIVISION:- R.W.D, WORKS DIVISION- SIWAN- 02 BLOCK:- ZIRADEI

NAME OF WORK- TITRA (THEPHA) BAZAR SE TITRA PANCHAYAT BHAWAN TAK

ROAD LENGTH - 1.125 KM, BT - 0.530 KM, CC - 0.595 KM

NAME OF AGENCY- M/S AADARSH CONSTRUCTION

AGGREMENT NO:- 03/CMBD/2025-26 Ref:-.....

DATE OF SAMPLE COLLECTION:- 24/12/2025

TEST FOR BITUMEN CONTENT

Sl no	Chainage	0.300 km			REMARK
1	Date Of Test	25/12/2025			Acceptable
2	Wt. Of Mix in gm (A)	515			
3	Wt. Of Cleared Chips in gm (B)	497			
4	Wt. Bitumen in gm (A-B)	18			
5	% Of Bitumen W.R to Mix (A-B)/A×100	3.50%			

NOTE:-

MD. Palf

25/12/25
LAB ASSISTANT

TESTING AND QUALITY CONTROL
LABORATRY
RURAL WORKS DEPARTMENT,
SIWAN-2

PR
25/12/25

TECHINICAL SUPERVISOR

TESTING AND QUALITY CONTROL
LABORATRY
RURAL WORKS DEPARTMENT,
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Man Singh
25/12/25

ASSISTANT ENGINEER

TESTING AND QUALITY CONTROL
LABORATRY
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Man Singh
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NAME OF AGENCY- M/S AADARSH CONSTRUCTION

AGGREEMENT NO:- 03/CMBD/2025-26 Ref:-

DATE OF SAMPLE COLLECTION:- 24/12/2025

TEST FOR BITUMEN CONTENT

Sl no	Chainage	0.300KM			REMARK
1	Date Of Test	25/12/2025			Acceptable
2	Wt. Of Mix in gm (A)	510			
3	Wt. Of Cleared Chips in gm (B)	487.5			
4	Wt. Bitumen in gm (A-B)	22.5			
5	% Of Bitumen W.R to Mix (A-B)/A×100	4.41%			

NOTE:-

Md. Rabb
25/12/25

LAB ASSISTANT

PAB
25/12/25

TECHNICAL SUPERVISOR

M. Singh
25/12/25

25/12/25

ASSISTANT ENGINEER

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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 :- Titra Bazar se Titra Panchayat Bhawan Tak
 Name of Division :- R W D Work Division Siwan-2 Date of Collection/Receipt 30.07.25
 Name of Agency :- M/S. Adarsh const Date of Test 27.08.2025
 Agreement No :- 03/CMBD/2025-26 Package No :- RRSMP/24-25/Siwan-2/07
 Ref:- (PIU) A.E , R.W.D Work Sub Div Ziradei LT No 0 Date 30.07.2025

SL. NO	Test after 28 days			Test after 28 days		
Dt. Of Concreting				30.07.25	30.07.25	30.07.25
Dt. Of test				27.08.25	27.08.25	27.08.25
I D Marks				H ₁	H ₂	H ₃
Area C. M ²				225	225	225
Maximum Load KN				780	790	780
CRUSHING STRENGTH KG/C. M ²				353.74	358.27	353.74
Remarks				—	M-35	—

Remarks : [M-35 Permissible]

Memo no. Date

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

Md. Rabb
 For L.A 27.08.25

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

Man Singh
27/08/25
 T.S

PS
27/08/25
 T.S

Angla
27/08/2025
 A.E