

TESTING AND QUALITY CONTROL LABORATORY

RURAL WORKS DEPARTMENT, SIWAN-1

Email ID:- aerwdtqclabsiwan1@gmail.com

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

1. Name of Scheme - RRSMP (Gen)
2. Name of Road - Purshotam Mura Main Road to Purshotam Mura
Horjan Tola Nawal Baba Sthan
3. Name of Circle - SIWAN
4. Name of Division - SIWAN-01
5. Length Of Road - 0.770 KM
6. Date of Inspection - 21/12/2025 Block - SIWAN
Actual Length - 0.770 KM
Chainage/ Location - 0.220 KM, 0.550 KM

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 :-	
2.	<u>Geometrics</u>	
I	Chainage (m)	220M, 550M
II	Roadway Width (m)	ON GOING
III	Carriageway Width (m)	3.75M, 3.75M
IV	Carriageway Camber (%)	2.00%
V	Shoulder Width (m)	ON GOING
VI	Shoulder Camber (%)	N/A
VII	Side Slope (V:H)	N/A
VIII	Super Elevation (%)/ Widening (m)	—
	Awarded Grade :-	Satisfactory

3.	<u>Earth Work and Sub Grade</u>	N/A
I	Chainage (m)	—
II	Soil Idendification / Classification	—
III	Degree of Compaction (%)	—
	Awarded Grade :-	—
4.	<u>Sub-Base</u>	N/A
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>	N/A
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>	N/A
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>	N/A
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>	N/A
I	Chainage (m)	—
II	Thickness (mm)	—
III	Compressive Strength of CC in Concrete Pavement / Concrete Block	—
	Awarded Grade :-	—
9.	<u>CC/POC/Panel Concrete Pavements</u>	POC
I	Chainage (m)	220M, 550M
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 Cylinder	27.55, 28.31 N/mm²
V	Quality of workmanship joints & Edges etc.	Satisfactory
VI	Quality of wearing surface (Attach the test report of IRI)	—
	Awarded Grade :-	Satisfactory
10.	<u>Shoulders</u>	ON GOING
I	Chainage (m)	N/A
II	Width of shoulder (m)	N/A
III	Quality of material for shoulders	N/A

IV	Degree of Compaction (%) (Attach the test report)	N/A
	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 & Catch Water Drain</u>	—
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>	ON GOING
I	Main Information Board (As per Norms)	Satisfactory
II	Citizen Information/ Maintenance Board (As per Norms)	Satisfactory
III	Kilometer post / 200 m Stone / Precautionary / Mandatory Sign Boards	ON GOING
IV	Road Marking	ON GOING
	Awarded Grade :-	Satisfactory

Note:- * Attach Test Report
 * Attach Relevant Photographs

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 21/12/2025
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 Testing & Quality
 Control Laboratory, R.W.D
 Siwan-1

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 21/12/2025
 T.S

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CONCRETE CORE TEST RESULT (IS 516)

NAME OF DIVISION:- R.W.D, WORKS DIVISION-SIWAN-01, BLOCK-SISWAN

Name of Road-PURUSHOTTAM MORA MAIN ROAD SE PURUSHOTTAM MORA HARIZAJ TOLA NAVAL BABA A

ROAD LENGTH-0.770KM, BT-0 KM, CC-0.770KM

Name of Agency-M/S NARSINGH SINGH

Date of test	22-12-2025	Date of Sample:-21-12-2025		
PERTICULARS	Chainage	0.22KM	0.550KM	REMARK
1. Height of Core in mm		100.00	100.00	
2. Weight of Core in Gm		1715.00	1712.50	
3. Dia of Core in mm		95.00	95.00	
4. Density of Concrete gm/cc		2.421	2.417	
5. Correction factor		0.90	0.90	
6. Load In KN		218.00	224.00	
7. Area of Core mm-sqr		7088	7088	
8. Compressive Strength of Cylinder N/mm-square		27.55	28.31	
9. Equivalant Cube Strength. N/mm-Sqr		34.44	35.39	
10. Required Compressive Strength.		35 N/mm-square		Yes

ACCEPTABLE

S. S. Singh
22/12/2025
TECHNICAL SUPERVISION
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