

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
Harijan Tola Nawal Baba Sthan
3. Name of Circle - SIWAN
4. Name of Division - SIWAN-01 Block - SISWAN
5. Length Of Road - 0.770 KM Actual Length - 0.770 KM
6. Date of Inspection - 22/12/2025 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 Identification / Classification | — |
| III | Degree of Compaction (%) | — |
| | Awarded Grade :- | — |
| 4. | <u>Sub-Base</u> | N/A |
| 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> | 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/mm ² |
| 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

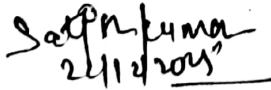
Satish Kumar
21/12/2025
Technical Supervisor
Testing & Quality
Control Laboratory, R.W.D
Siwan-1

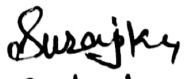
Susmit Kumar
21/12/2025
T.S

[Signature]
21/12/2025
Assistant Engineer
Testing & Quality
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| TESTING AND QUALITY CONTROL LABORATRY RURAL WORKS DEPARTMENT, SIWAN-1 Email ID:- aerwdtqlabsiwan1@gmail.com | | | | | |
|--|------------|---------|----------------------------|--|------------|
| CONCRETE CORE TEST RESULT (IS 516) | | | | | |
| NAME OF DIVISION:- R.W.D, WORKS DIVISION-SIWAN-01, BLOCK-SISWAN | | | | | |
| Name of Road-PURUSHOTTAM MURA 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 | | ACCEPTABLE |
| 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.Equivalent Cube Strength. N/mm-Sqr | | 34.44 | 35.39 | | |
| 10.Required Compressive Strength. | | | 35 N/mm-square | | Yes |


 TECHNICAL SUPERVISON
 TESTING AND QUALITY CONTROL
 LABORATRY
 RURAL WORKS DEPARTMENT, SIWAN-1


 22/12/2025
 T.S


 ASSISTANT ENGINEER
 TESTING AND QUALITY CONTROL
 LABORATRY
 RURAL WORKS DEPARTMENT, SIWAN-1