

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

1 Name of Scheme –RRSMP

2 Name of Road- **L102-T01 TO BELA (VR71)** Chainage/Location-**0.110 KM**

3 Name of Circle -**Gaya**

4 Name of Division -**Sherghati**

Block -**Gurua**

5 Length of Road (Sanctioned) -**2.350 KM**

Actual Length -**2.350 KM**

6 Date of inspection -**11.12.2025**

No.	Parameters	Remarks
1	Attention to Quality	
i	Field laboratory established with all necessary equipment (Attach Geo tagged Photographs)	Yes at site
ii	QC Register Part-I & 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	NA
(b)	Sand	NA
(c)	Stone	AIV/Flakiness Index
(d)	Steel	NA
	Awarded grade	
2	Geometrics	
i	Chainage (m)	0.110 KM
ii	Roadway width(m)	Available 6 m
iii	Carriageway width (m)	3.75 m
iv	Carriageway camber (%)	3



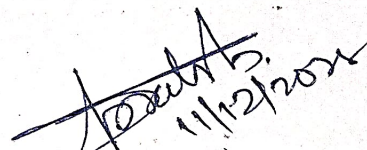
v	Shoulder width (m)	1.125
vi	Shoulder camber (%)	Work In progress
vii	Side slope (V:H)	
viii	Super elevation(%) / Widening (m)	NA
	Awarded grade	
3	Earth Work and sub grade	
i	Chainage (m)	NA
ii	Soil identification/classification	NA
iii	Degree of Compaction (%)	NA
	Awarded grade	
4	Sub-Base	
i	Chainage (m)	NA
ii	Thickness of the layer (mm)	NA
iii	Gradation of Sub-base material	NA
iv	Plasticity of sub base material	NA
v	Compaction of sub base layer (%)	NA
	Awarded grade	
5	Base Coarse-Water Bound Macadam (WMM/WBM)	
i	Chainage (m)	NA
ii	Thickness of each layer of WBM/WMM (mm)	NA
iii	Plasticity of Crushable Aggregate	NA
iv	Volume of filler material (%)	NA

v	Gradation of Coarse Aggregate	NA
	Awarded grade	
6	Bituminous Base Coarse (BM)	
i	Chainage (m)	NA
ii	Percentage of Bitumen Content	NA
iii	Thickness of Bituminous layer	NA
iv	Grading of Coarse Aggregate	NA
	Awarded grade	
7	Bituminous Layer-premix Carpet (PMC) / MSS/ SDBC	
i	Chainage (m)	0.110 KM
ii	Percentage of Bitumen Content %	5.00
iii	Thickness of Bituminous layer	25 mm(SDBC)
iv	Grading of Coarse Aggregate	Attached
v	Quality of wearing surface (Attach the test report of IRI)	
	Awarded grade	
8	Dry lean Cement Concrete	
i	Chainage (m)	NA
ii	Thickness (mm)	NA
iii	Compressive Strength of CC in Concrete Pavement / Concrete Block	NA
iv	Awarded grade	NA
9	CC/PQC/Panel Concrete Pavements	
i	Chainage (m)	NA
ii	Thickness of the pavement (mm)	NA

iii	Width of the pavement (m)	NA
iv	Compressive Strength of CC in Concrete Pavement / Concrete Block	NA
v	Quality of workmanship joints & edges etc.	NA
vi	Quality of wearing surface (Attach the test report of IRI)	NA
	Awarded grade	
8	Shoulders	
i	Chainage (m)	0.110 KM
ii	Width of the shoulder (m)	1.125
iii	Quality of material for Shoulders	Work in Progress
iv	Degree of Compaction (%) (Attach the test report)	
	Awarded grade	
9	Cross Drainage Works	NA
i	Chainage (m)	NA
ii	Type of CD structure	NA
iii	Quality of material, such as concrete(cube test), stone/brick masonry, Hume pipe including size etc.	NA
iv	Quality of workmanship, such as positioning of Hume pipes, wing walls, cushion over Hume pipe, vent clearance etc.	NA
v	Parapet Walls	NA
	Awarded grade	
10	Side Drain and Catch Water Drain	
i	Chainage (m)	NA
ii	General quality of side Drains /Catch Water Drains and their integration with CD Structures	NA
	Awarded grade	
11	Road Furniture and Markings	

i	Main informatory Board (As per norms)	Yes
ii	Citizen Informatory/ Maintenance Board (As per norms)	Yes
iii	Kilometer post/200 m Stone/ Precautionary/ Mandatory Sign Boards	In progress
iv	Road Marking	Yes
	Awarded grade	

Note:- * Test Report attached
* Relevant Photographs attached


(Signature)

Name of EE-Anand Prakash
Office-T&QC Division, Gayaji

TEST FOR BITUMEN

Name of the Road :- TOI TO BELA (VR-71)

Date of Testing :- 11/12/2025

Package No. RRSMP/2024-25 Shergodh/03

Wt. of sample taken in gm :- 1550 gm

Chainage:

0.110 km

1	Wt. of mix taken before extraction (A)	<u>1550 gm</u>	
2	Wt. of filter paper before extraction (B)	<u>9.00</u>	
3	Wt. of mix after extraction (C)	<u>948</u>	
4	Wt. of filter paper after extraction (D)	<u>11.00</u>	
5	Wt. of filter collected from extract after allowing for settling (E)	<u>—</u>	
6	Wt. of filter collected in filter paper (D - B) F	<u>2.00</u>	
7	Wt. of aggregate + filter collected after extraction (C+E+F) G	<u>950</u>	
8	% of bitumen (In the mix) $A - G * 100 / A$	<u>5.00</u>	

Tested By

11/12/25
J.E.

11.12.25
A.H.

N.Q.M.

1 Semi Dense Bituminous Concrete:-

1 Gradation Analysis of Semi Dense Bituminous Concrete:-

Name of Road : TOL TO BELA (VR 71)

Date of Testing:- 11/12/2025

Location : 0.110 K.M

Total Wt :- 9448 gm

I.S. Sieve Designation	Wt. of Sample Retained (gm)	Percentage of Wt. Retained (gm)	Cumulative of Present of Wt. Retained (gm)	Percentage of Wt. Passing (gm)	Permissible range
13.2 mm	0	0	0	100	100%
9.5 mm	85	9.01	9.01	90.99	90-100%
4.75 mm	463	48.84	57.85	42.15	35-51%
2.36 mm	150	15.85	73.70	26.30	24-39%
1.18 mm	95	10.03	83.73	16.27	15-30%
300 mic	55	5.85	89.58	10.42	9-19%
75 mic	60	6.32	95.90	4.10	3-8%

Permissible range

40

2 Gradation Analysis of Semi Dense Bituminous Concrete :-

Location :

Total Wt :-

I.S. Sieve Designation	Wt. of Sample Retained (gm)	Percentage of Wt. Retained (gm)	Cumulative of Present of Wt. Retained (gm)	Percentage of Wt. Passing (gm)	Permissible range
13.2 mm					100%
9.5 mm					90-100%
4.75 mm					35-51%
2.36 mm					24-39%
1.18 mm					15-30%
300 mic					9-19%
75 mic					3-8%

3 Gradation Analysis of Semi Dense Bituminous Concrete :-

Location :

Total Wt :-

I.S. Sieve Designation	Wt. of Sample Retained (gm)	Percentage of Wt. Retained (gm)	Cumulative of Present of Wt. Retained (gm)	Percentage of Wt. Passing (gm)	Permissible range
13.2 mm					100%
9.5 mm					90-100%
4.75 mm					35-51%
2.36 mm					24-39%
1.18 mm					15-30%
300 mic					9-19%
75 mic					3-8%

Me/19
11.12.25
JE

Signature
11.12.25
A/C

Signature of QM