(22)

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

1 Name of Scheme - RRSMC
2 Name of Road - APPROACH ROAD TO CHANDEL Chainage/Location
3 Name of Circle - PUKRED
4 Name of Division - BDSI Block- BARSA
5 Length of Road (Sanctioned) - 3.115 K.m Actual Length- 3.115 K.m
6 Date of inspection- 05-12-2025

Sl. No.	Parameters	Remarks
1	**Attention to Quality**	
I.	Field laboratory established with all necessary equipment (Attach Geo tagged Photographs)	NO
II.	QC Register Part-1 & Part-2 maintained and mandatory test conducted as per provisions	NO
III.	Mention the name of tests conducted & their findings related to the following materials	NO
(a)	Cement/concrete	NO
(b)	Sand	NO
(c)	Stone	NO
(d)	Steel	NO
	Awarded grade	U
2	**Geometrics**	
I.	Chainage (m)	2,100m
II.	Roadway width(m)	6.00m
III.	Carriageway width (m)	3.75m
IV.	Carriageway camber (%)	2.50%
V.	Shoulder width (m)	1.05m
VI.	Shoulder camber (%)	3.00%
VII.	Side slope (V:H)	
VIII.	Super elevation(%) / Widening (m)	NIL
	Awarded grade	S

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**	NA
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)	
II.	Thickness of each layer of WBM/WMM (mm) only	pot patch work
III.	Plasticity of Crushable Aggregate	
IV.	Volume of ~~filter~~ filler material (%)	21%
V.	Gradation of Coarse Aggregate	S
	Awarded grade	S
6	**Bituminous Base Coarse (BM)**	NA
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)	2103 M
II.	Percentage of Bitumen Content	5 to 7.
III.	Thickness of Bituminous layer	0.025 mm
IV.	Grading of Coarse Aggregate	—
V.	Quality of wearing surface (Attach the test report of IRI)	Work in progress
	Awarded grade	
8	**Dry lean Cement Concrete**	NA
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)	
II.	Thickness of the pavement (mm)	
III.	Width of the pavement (m)	
IV.	Compressive Strength of CC in Concrete Pavement / Concrete Block	
V.	Quality of workmanship joints & edges etc.	
VI.	Quality of wearing surface (Attach the test report of IRI)	
	Awarded grade	
8	**Shoulders**	
I.	Chainage (m)	
II.	Width of the shoulder (m)	
III.	Quality of material for Shoulders	
IV.	Degree of Compaction (%)(Attach the test report)	

Work in progress

	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 pipes, vent clearance etc.	NA
V.	Parapet Walls	NA
	Awarded grade	
10	**Side Drain and Catch Water Drain**	NA
I.	Chainage (m)	NA
II.	General quality of side Drains /Catch Water Drains and their integration with CD Structures	NA
	Awarded grade	NA
11	**Road Furniture and Markings**	
I.	Main informatory Board (As per norms)	
II.	Citizen Informatory/ Maintenance Board (As per norms)	
III.	Kilometer post/200 m Stone/ Precautionary/ Mandatory Sign Boards	
IV.	Road Marking	
	Awarded grade	Work in progress

Note:- * Attach Test Report
* Attach Relevant Photographs

05/12/25
T-S Board

(Signature)
Name of AE/EE/SE-
Office-

OFFICE OF THE ASSISTANT ENGINEER
TESTING AND QUALITY CONTROL LABORATORY
RESULT OF PHYSICAL GRADATION FOR WBM Gr. III

NAME of WORK :- APPROACH ROAD TO CHANDEL

HEAD :- RRSMP

CHAINAGE - 2.10 K.m

Date of Test - 05-12-2025

Weight of Sample - 29200gm

I.S Sieve Designation	Weight of Sample Retained (gm.)	% of Weight Retained	Cummulative % of Weight Retained	% of Weight Passing	Permissible Value %
63mm	0	0	0	100	100
53mm	1139	3.90	3.90	96.10	95-100
45mm	8702	29.80	33.70	66.30	65-90
22.4mm	17228	59.00	92.70	730	0-10
11.2mm	2131	7.30	100.00	0.00	0-5

Volumetric Analysis

Weight of Screening Height of metal = (100mm - 0mm) = 100mm

Percentage of Screening w.r.t. aggregates Height of Screening = (100mm - 79mm) = 21mm

Result of Sieve Analysis ..... % of Screening = 21% .....

05/12/25
T.S
Quality Control Laboratory, Baisi
Work Section .....B.tg.t.Sq.....

05/12/25
ASSISTANT ENGINEER
Quality Control Laboratory,
Division, Baisi

OFFICE OF THE ASSISTANT ENGINEER
TESTING AND QUALITY CONTROL LABORATORY
RESULT OF PHYSICAL GRADATION FOR GSB Gr. -I

NAME of WORK :- APPROACH ROAD TO CHANDEL

HEAD :- RRSMP

CHAINAGE :- 2.10 K.m

Date of Test :- 05/12/25

Weight of Sample - 28900 gm

I.S Seive Designation	Weight of Sample Retained (gm.)	% of Weight Retained	Cummulative % of Weight Retained	% of Weight Passing	Permissible Value %
75mm	0	0	0	100.00	100
26.5mm	8353	28.90	28.90	71.10	55-75
4.75mm	15056	52.10	81.00	19.00	10-30
0.075mm (75 micron)	5491	19.00	100.00	0.00	0-10

05/12/25

T.S
Quality Control Laboratory, Baisi
Work Section .....Bas.Lab.....

05/12/25

ASSISTANT ENGINEER
Quality Control Laboratory,
Division, Baisi