(For Road/Approach Roads)

1. Name of Scheme:- RRSMP (Ben)
2. Name of Road:- Dangara Rajni Tola to T05 — Chainage/Location:- (0.0 to 0.850km) (On-going)
3. Name of Circle:- Purnea
4. Name of Division:- Dhamdaha — Block:- Dhamdaha
5. Length of Road (Sanctioned):- 0.850 KM — Actual Length:- 0.850 KM
6. Date of Inspection:- 11/10/2025

Sl. No	Parameters	Remarks
1	**Attention to Quality**	
I.	Field laboratory established with all necessary equipment (Attach Geo tagged Photographs).	Attached
II.	QC RegisterPart-1&Part-2 maintained and mandatory test conduct as per provisions.	
III.	Mention the name of tests conducted &their findings related to the following material.	
(a)	Cement/concrete	
(b)	Sand	
(c)	Stone	
(d)	Steel	
	Awarded Grade	
2	**Geometrics**	
I.	Chainage (m)	89 m
II.	Roadway width (m)	—
III.	Carriageway width (m)	3.75 m
IV.	Carriageway camber (%)	2.1 %
V.	Shoulder width (m)	—
VI.	Shoulder camber (%)	—
VII.	Side slope (V:H)	—
VIII.	Super elevation (%)/widening (m)	—
	Awarded Grade	
3	**Earth work and subgrade**	
I.	Chainage (m)	-
II.	Soil identification/classification	-
III.	Degree of compaction (%)	-
	Awarded Grade	-

4	**Sub-Base**	
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	**Base Coarse-Water Bound Macadam (WMM/WBM)**	
I.	Chainage (m)	
II.	Thickness of each layer of WBM/WMM(mm)	
III.	Plasticity of Crushable Aggregate	
IV.	Volume of filler material (%)	
V.	Gradation of Coarse Aggregate	
	Awarded Grade	
6	**Bituminous Base Coarse (BM)**	
I.	Chainage (m)	
II.	Percentage of Bitumen Content	
III.	Thickness of Bituinous layer	
IV.	Grading of Coarse Aggregate	
	Awarded Grade	
7	**Bituminous layer-premix Carpet (PMC)/MSS/SDBC**	
I.	Chainage (m)	
II.	Percentage of Bitumen 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	**Dry lean Cement Concrete**	
I.	Chainage (m)	
II.	Thickness (mm)	
III.	Compressive Strength of CC in Concrete Pavement/Concrete Block	
	Awarded Grade	
9	**CC/PQC/Panel Concrete Pavements** ✓	
I.	Chainage (m)	24.5 m
II.	Thickness of the pavement (mm)	100 mm
III.	Width of the pavement (m)	3.75 m
IV.	Compressive Strength of CC in Concrete Pavement/Concrete Block	358.5 kg/cm²
V.	Quality of workmanship joints & edge etc.	Skilled
VI.	Quality of wearing surface (Attached the test report of IRI)	-
	Awarded Grade	

10	**Shoulders**	
I.	Chainage (m)	
II.	Width of the shoulder (m)	
III.	Quality of material for Shoulders	
IV.	Degree of Compsction (%) (Attached the test report)	
	Awarded Grade	
11	**Cross Drainage Works**	
I.	Chainage (m)	
II.	Types of CD Structure	
III.	Quality of material, such as concrete (cube test), stone/brick masonry, Hume pipe including size etc.	
IV.	Quality of work man ship, such as positioning of Hume pipes, wing walls, cusion over hume pipes, vent clearance etc.	
V.	Parapet Walls	
	Awarded Grade	
12	**Side Drain and Catch Water Drain**	
I.	Chainage (m)	
II.	Genral quality of side Drain/Catch Water Drains and their integration With CD Structure	
	Awarded Grade	
13	**Road Furniture and Markings**	
I.	Main Informatory Board (As per Norms)	Fixed
II.	Citizen Informatory Board/Maintenance Board (As per Norms)	—
III.	Kilometer post/200m Stone/Precautionary/Mandatory Sign Boards	—
IV.	Road Marking	—
	Awarded Grade	

Note:-

***Attach Test Report.**

***Attach Relevant Photographs.**

13/10/25
AE

13.10.2025
EE, T&QC Purnea.

CONCRETE CUBE TEST RESULT

NAME OF WORK:- Damgara Rajori tola to T05

NAME OF SCHEME :- RRSMP (Civil)

NATURE OF SAMPLE:- Cube

DATE OF RECEIPT/COLLECTION:- 11.10.25

DATE OF TEST:- 13.10.25

SAMPLE COLLECTED BY:- AE, EE T & QC

LOCATION:- Sample

Sl. No.	Description						Test7/28 days							
	Date of Concreting	Member Under Construction	Proportion Of Mix	Identification Of Marks	Date Of Receipt in Lab	Date of Test	Wt. of Sample in Kg	Area of Mould Cm^2	Load at Initial Cracking Ton/KN	Maximum Load in Ton/KN	Crushing Strength in Kg/Cm^2	Average Crushing Strength	Required Crushing Strength in Kg/Cm^2	Remarks
1.	8.9.25	PCC road basement	As per	S_1	11.10.25	13.10.25	–	225	–	80.0	355.5			
2.	"	"	mix	S_2	"	"	–	225	–	81.5	362.2	358.5	357 kg/cm²	435
3	"	"	design	S_3	"	"	–	225	–	80.5	357.7	kg/cm²		

13/10/25
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