

(For Road/Approach Roads)

1. Name of Scheme:- RRSMP (her)
2. Name of Road:- ^{Tok} Dangarha Yadav to Dangarha Chainage/Location:- (0.0 to 900 KM)
Lakshmi prasad yadav ke ghar tak. (On-going)
3. Name of Circle:- Purnea
4. Name of Division:- Purnea Block:- Bamankhola
5. Length of Road (Sanctioned):- 0.700 KM Actual Length:- 0.700 KM
6. Date of Inspection:- 17/10/25

Sl. No	Parameters	Remarks
1	Attention to Quality	
I.	Field laboratory established with all necessary equipment (Attach Geo tagged Photographs).	<u>Attached</u>
II.	QC Register Part-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)	<u>650 m</u>
II.	Roadway width (m)	<u>—</u>
III.	Carriageway width (m)	<u>3.75m</u>
IV.	Carriageway camber (%)	<u>2%</u>
V.	Shoulder width (m)	<u>—</u>
VI.	Shoulder camber (%)	<u>—</u>
VII.	Side slope (V:H)	<u>—</u>
VIII.	Super elevation (%) / widening (m)	<u>4.25%, 4.0 m</u>
	Awarded Grade	
3	Earth work and subgrade	
I.	Chainage (m)	<u>—</u>
II.	Soil identification/classification	<u>—</u>
III.	Degree of compaction (%)	<u>—</u>
	Awarded Grade	<u>—</u>

Sub-Base		
	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 Bituminous 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)	650 m
II.	Thickness of the pavement (mm)	125 mm
III.	Width of the pavement (m)	3.75 m
IV.	Compressive Strength of CC in Concrete Pavement/Concrete Block	358.8 kg/cm ²
V.	Quality of workmanship joints & edge etc.	Skilled
VI.	Quality of wearing surface (Attached the test report of IRI)	—
Awarded Grade		

	Shoulders	
I.	Chainage (m)	
II.	Width of the shoulder (m)	
III.	Quality of material for Shoulders	
IV.	Degree of Compaction (%) (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, culson 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)	— II
III.	Kilometer post/200m Stone/Precautionary/Mandatory Sign Boards	Fixed
IV.	Road Marking	—
	Awarded Grade	

Note:-

- *Attach Test Report.
- *Attach Relevant Photographs.

Fixed
18/10/2025
EE, TR & C.P. Kumar

(Signature)
18/10/25
AE

CONCRETE CUBE TEST RESULT

NAME OF WORK: Damgahya yadav tda, Damgahya lakshmi Parasad yadav ne phaw tale
 NAME OF SCHEME: RRSHR Ceen NATURE OF SAMPLE: cube
 DATE OF RECEIPT/COLLECTION: 17.10.25 DATE OF TEST: 18.10.25
 SAMPLE COLLECTED BY: AE, EE T & Q/C
 LOCATION: Site sample

LOCATION:- <u>SDA GAMBLE</u>														
Sl. No.	Description	Test/28 days												Remarks
		Date of Casting	Member Under Construction	Proportion Of Mix	Identification Of Mark	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	
1.	13.9.25 <u>PCU Road Pavement</u>			As per	C ₁	17.10.25	18.10.25	-	225	-	81.5	3622.2		
2.	" "	" "	" "	mix	C ₂	" "	" "	-	225	-	80.5	3517.1	358.5	3517.1 ^{kg} / cm ² 1185
3	" "	" "	Design		C ₃	" "	" "	-	225	-	80.0	355.5		

AE
18/10/25

AE
18/10/25

EE, T & Q/C
18.10.2025
Review.