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

1 Name of Scheme- RRSMP
2 Name of Road - L035 to Lakhansur Chainage/Location 165 M, 380M
3 Name of Circle - Darbhanga mushari sak
4 Name of Division - Biraul Block- Gaurabauram
5 Length of Road (Sanctioned) - 0.650 KM Actual Length- 0.650 KM
6 Date of inspection- 26.11.2025

Sl. No.	Parameters	Remarks
1	**Attention to Quality**	
I.	Field laboratory established with all necessary equipment (Attach Geo tagged Photographs)	Lab established and Geotagged Photographs submitted
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	Nil sample collected because PBC work done
(b)	Sand	
(c)	Stone	
(d)	Steel	
	Awarded grade	'5'
2	**Geometrics**	
I.	Chainage (m)	165 M
II.	Roadway width(m)	Work in Progress
III.	Carriageway width (m)	3.75 M
IV.	Carriageway camber (%)	3.5%
V.	Shoulder width (m)	Work in Progress
VI.	Shoulder camber (%)	Work in Progress
VII.	Side slope (V:H)	Yes
VIII.	Super elevation(%) / Widening (m)	N/A
	Awarded grade	'5'

3	**Earth Work and sub grade**	
I.	Chainage (m)	N/A
II.	Soil identification/classification	
III.	Degree of Compaction (%)	
	Awarded grade	
4	**Sub-Base**	
I.	Chainage (m)	N/A
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)**	N/A
I.	Chainage (m)	
II.	Thickness of each layer of WBM/WMM (mm)	
III.	Plasticity of Crushable Aggregate	
IV.	Volume of filter material (%)	
V.	Gradation of Coarse Aggregate	
	Awarded grade	
6	**Bituminous Base Coarse (BM)**	N/A
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	N/A
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)	N/A
III.	Compressive Strength of CC in Concrete Pavement / Concrete Block	
IV.	Awarded grade	
9	**CC/PQC/Panel Concrete Pavements**	
I.	Chainage (m)	165 M , 380 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	CC Rebound Hammer test Both value are 30 kg/cm2 Tolerable
V.	Quality of workmanship joints & edges etc.	Yes
VI.	Quality of wearing surface (Attach the test report of IRI)	
	Awarded grade	'S'
8	**Shoulders**	
I.	Chainage (m)	
II.	Width of the shoulder (m)	Work in Progress
III.	Quality of material for Shoulders	
IV.	Degree of Compaction (%)(Attach the test report)	

	Awarded grade	
9	**Cross Drainage Works**	
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.	N/A
IV.	Quality of workmanship, such as positioning of Hume pipes, wing walls, cushion over hume pipes, vent clearance etc.	
V.	Parapet Walls	
	Awarded grade	
10	**Side Drain and Catch Water Drain**	
I.	Chainage (m)	
II.	General quality of side Drains /Catch Water Drains and their integration with CD Structures	N/A
	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	Work in Progress
IV.	Road Marking	
	Awarded grade	'5'

Note:- * Attach Test Report
* Attach Relevant Photographs

26/11/24

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

26/11/2024

OFFICE OF THE EXECUTIVE ENGINEER, R.W.D, REGIONAL LABORATORY, DARBHANGA (BIHAR)

REBOUND HAMMER TEST RESULT

Name of the Scheme Const of road from L035 to Lakhanpur tak

Name of the works Division R.W.D Biraul

Name of the work Circle Darbhanga

Package No/Agreement No CRRSMP

Name of Agency M/S Jagdishwar Kumar Singh

Sl. No	Date of Test	Name Of item	MIX As per Agreement	chainage	Rebound Hammer is at Perpendicular to the surface	Average of Rebound No	Average Strength in Kg/cm^2	Required Strength In kg/cm^2	Remarks
1	2	3	4	5	6	7	8	9	10
1	26.11.25	PQC	M35	380M	32				
2	"	"	"	"	28				
3	"	"	"	"	30				
4	"	"	"	"	30				
5	"	"	"	"	28				
6	"	"	"	"	34				
7	"	"	"	"	28				
8	"	"	"	"	30				
9	"	"	"	"	32				
					/				
	Total				272	30.22	30	35	

26/11/25

Laboratory Assistant
R.W.D, Regional Laboratory
Darbhanga (Bihar)

Assistant Engineer
R.W.D, Regional Laboratory
Darbhanga (Bihar)

26/11/25

Executive Engineer
R.W.D, Regional Laboratory
Darbhanga (Bihar)

OFFICE OF THE EXECUTIVE ENGINEER, R.W.D, REGIONAL LABORATORY, DARBHANGA (BIHAR)

REBOUND HAMMER TEST RESULT

Name of the Scheme ... Const of road from L035 to Lakhanpur tak ... Name of the works Division ... RWD Biraul

Name of the work Circle ... Darbhanga

Package No/Agreement No ... CRRSMP) ... Name of Agency ... M/s Jadubash Kumar singh

Sl. No	Date of Test	Name Of item	MIX As per Agreement	chainage	Rebound Hammer is at Perpendicular to the surface	Average of Rebound No	Average Strength in Kg/cm^2	Required Strength In kg/cm^2	Remarks
1	2	3	4	5	6	7	8	9	10
1	26.11.25	PQC	M35	165 M	28				
2	"	"	"	"	32				
3	"	"	"	"	30				
4	"	"	"	"	26				
5	"	"	"	"	30				
6	"	"	"	"	32				
7	"	"	"	"	28				
8	"	"	"	"	30				
9	"	"	"	"	32				
	Total				268	29.78	30	35	

26/11/2025

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