

OFFICE OF THE ASSISTANT ENGINEER
RURAL WORKS DEPARTMENT
TESTING AND QUALITY CONTROL LABORATORY, KISHANGANJ-1

Letter No-----

Date- 22.9.25

Format – "A" (For Road/Approach Roads)

1. Name of Scheme :- MNGSuy (General)

2. Name of Road :- Repairs of Road from lehra
chaur to chakla

Chainage/Location:- 0.04 km

3. Name of Circle :- Kishanganj

4. Name of Division :- Kishanganj - 1

Block :- Kishanganj

5. Length of Road (Sanctioned) :- 2.00 km

Actual Length :-

6. Date of Inspection :- 22.9.25

Sl.No	Parameters	Remarks
1	Attention to Quality	
I.	Field laboratory established with all necessary equipment (Attach Geo tagged Photographs).	yes
II.	QC Register Part-1 & Part-2 maintained and mandatory test conduct as per provisions.	yes
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)	40M
II.	Roadway width (m)	6M
III.	Carriageway width (m)	3.75M

IV.	Carriageway camber (%)	2.5%
V.	Shoulder width (m)	in progress
VI.	Shoulder camber (%)	in progress
VII.	Side slope (V:H)	in progress
VIII.	Super elevation (%) / widening (m)	-
	Awarded Grade	S
3	Earth work and subgrade	
I.	Chainage (m)	1
II.	Soil identification/classification	1
III.	Degree of compaction (%)	1
	Awarded Grade	1
4	Sub-Base	
I.	Chainage (m)	1
II.	Thickness of the layer (mm)	1
III.	Gradation of Sub-base material	1
IV.	Plasticity of Sub-base material	1
V.	Compaction of Sub-base layer (%)	1
	Awarded Grade	1
5	Base Coarse-Water Bound Macadam (WMM/WBM)	
I.	Chainage (m)	1
II.	Thickness of each layer of WBM/WMM (mm)	1
III.	Plasticity of Crushable Aggregate	1
IV.	Volume of filler material (%)	1
V.	Gradation of Coarse Aggregate	1
	Awarded Grade	1
6	Bituminous Base Coarse (BM)	
I.	Chainage (m)	1
II.	Percentage of Bitumen Content	1
III.	Thickness of Bituminous layer	1
IV.	Grading of Coarse Aggregate	1
	Awarded Grade	1

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)	0.04 KM
II.	Thickness of the pavement (mm)	100 MM
III.	Width of the pavement (m)	3.75 MM
IV.	Compressive Strength of CC in Concrete Pavement/Concrete Block	35.6 MPA
V.	Quality of workmanship joints & edge etc.	
VI.	Quality of wearing surface (Attached the test report of IRI)	—
	Awarded Grade	S
10	Shoulders	
I.	Chainage (m)	—
II.	Width of the shoulder (m)	In progress
III.	Quality of material for Shoulders	—
IV.	Degree of Compaction (%) (Attached the test report)	—
	Awarded Grade	—
11	Cross Drainage Works	
I.	Chainage (m)	250M
II.	Types of CD Structure	Box culvert

III.	Quality of material, such as concrete (cube test), stone/brick masonry, Hume pipe including size etc.	—
IV.	Quality of workmanship, such as positioning of Hume pipes, wing walls, cushion over hume pipes, vent clearance etc.	—
V.	Parapet Walls	—
	Awarded Grade	
12	Side Drain and Catch Water Drain	
I.	Chainage (m)	—
II.	General quality of side Drain/Catch Water Drains and their integration with CD Structures	—
	Awarded Grade	—
13	Road Furniture and Markings	
I.	Main Informatory Board (As per Norms)	yes
II.	Citizen Informatory Board/Maintenance Board (As per Norms)	yes
III.	Kilometer post/200 m Stone/Precautionary/Mandatory Sign Boards	N/A
IV.	Road Marking	N/A
	Awarded Grade	S

Note :- * Attach Test Report.

* Attach Relevant Photographs.

TSJ
22/9/25

T.S/J.E

T&QC Laboratory
Kishanganj-1

T.S/J.E

T&QC Laboratory
Kishanganj-1

Gajendra Pd. Himansu
22/09/25

(Er. Gajendra Pd. Himansu)

Assistant Engineer
T&QC Laboratory
Kishanganj-1

REBOUND HAMMER TEST

Name of Road:- Repairs of Road from lalsa chaur to chakla

Package No.:-

Location: CC Pavement (PCC)

Structure:

Date:- 22.9.25

Sl.No.	Observation of Rebound Hammer Test R-Value	Remarks
1	34	Assuring Correction Factor=0.97..... Compressive Strength =.....35.6.....Mpa
2	38	
3	36	
4	39	
5	37	
6	41	
7	36	Assuming Correction Factor=0.97 Compressive Strength as Per Taking Consideration of 0.97 Correction Factor
8	35	
9	34	
10		
11		
12		
13		

Average, Compressive Strength=.....36.7.....Mpa

Tested By

[Signature]
22/9/25
T.S

Checked By

[Signature]
22/09/2025
AE