

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

Letter No-----

Date--22.9.2025

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

1. Name of Scheme :- MNGSuy (General)
2. Name of Road :- Teosa Pachim Bala Purdeep House Chainage/Location:- 0.02km  
to Rasid house
3. Name of Circle :- Kishanganj
4. Name of Division :- Kishanganj-1 Block :- Kishanganj
5. Length of Road (Sanctioned) :- 0.400 KM Actual Length :- 0.400 km
6. Date of Inspection :- 22.9.2025

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)	20m
II.	Roadway width (m)	6m
III.	Carriageway width (m)	3.75m

IV.	Carriageway camber (%)	2.5%
V.	Shoulder width (m)	1.125m
VI.	Shoulder camber (%)	In Progress
VII.	Side slope (V:H)	In Progress
VIII.	Super elevation (%)/widening (m)	-
	Awarded Grade	S
<b>3</b>	<b>Earth work and subgrade</b>	
I.	Chainage (m)	-
II.	Soil identification/classification	-
III.	Degree of compaction (%)	-
	Awarded Grade	-
<b>4</b>	<b>Sub-Base</b>	
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	-
<b>5</b>	<b>Base Coarse-Water Bound Macadam (WMM/WBM)</b>	
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	-
<b>6</b>	<b>Bituminous Base Coarse (BM)</b>	
I.	Chainage (m)	-
II.	Percentage of Bitumen Content	-
III.	Thickness of Bituminous layer	-
IV.	Grading of Coarse Aggregate	-
	Awarded Grade	-



<b>7</b>	<b>Bituminous layer-premix Carpet (PMC)/MSS/SDBC</b>	
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	—
<b>8</b>	<b>Dry lean Cement Concrete</b>	
I.	Chainage (m)	—
II.	Thickness (mm)	—
III.	Compressive Strength of CC in Concrete Pavement/Concrete Block	—
	Awarded Grade	—
<b>9</b>	<b>CC/PQC/Panel Concrete Pavements</b>	
I.	Chainage (m)	0.02 km
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	36.6 MPa
V.	Quality of workmanship joints & edge etc.	—
VI.	Quality of wearing surface (Attached the test report of IRI)	—
	Awarded Grade	S
<b>10</b>	<b>Shoulders</b>	
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	—
<b>11</b>	<b>Cross Drainage Works</b>	
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 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.

*789*  
*22/9/25*  
T.S/J.E  
T&QC Laboratory  
Kishanganj-1

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*Gimf*  
*22/09/2025*  
(Er. Gajendra Pd. Himansu )  
Assistant Engineer  
T&QC Laboratory  
Kishanganj-1



# REBOUND HAMMER TEST

Name of Road:- Teosa Pachim Tola Purdeep house To Rasid house

Package No.:-

Location: CC Pavement (PCC)

Structure:

Date:- 22.9.25

Sl.No.	Observation of Rebound Hammer Test R-Value	Remarks
1	36	Assuring Correction Factor= 0.97 Compressive Strength = 36.6 Mpa
2	38	
3	40	
4	39	
5	41	
6	35	
7	37	Assuming Correction Factor=0.97 Compressive Strength as Per Taking Consideration of 0.97 Correction Factor
8	38	
9	35	
10		
11		
12		
13		

Average, Compressive Strength= 37.7 Mpa

Tested By

22/9/25  
P.S.

Stamp  
22/09/2025  
Checked By  
A.P.