

**OFFICE OF THE ASSISTANT ENGINEER
TESTING AND QUALITY CONTROL DIVISION
FOR BESGANJ**

Letter no..12....

Date..24/09/2025

(For Road/Approach Roads)

1. Name of Scheme :- MMGSY (NDB) AWBESH
2. Name of Road :- Ghurna Wali Path to Ramtola Path Chainage/Location :- 0/300 Km
3. Name of Circle :- Kishanganj
4. Name of Division :- Forbesganj Block :- Narpatganj
5. Length of Road (Sanctioned) :- 0.500 Km Actual Length :- 0.500 Km
6. Date of Inspection :- 23/09/25

Sl. No	Parameters	Remarks
1	Attention to Quality	
I.	Field laboratory established with all necessary equipment (Attach Geo tagged Photographs).	NA
II.	QC Register Part-1 & Part-2 maintained and mandatory test conduct as per provisions.	NA
III.	Mention the name of tests conducted & their findings related to the following material.	NA
(a)	Cement/concrete	NA
(b)	Sand	NA
(c)	Stone	NA
(d)	Steel	NA
	Awarded Grade	NA
2	Geometrics	
I.	Chainage (m)	300m
II.	Roadway width (m)	6.00M

III.	Carriageway width (m)	3.75
IV.	Carriageway camber (%)	3.50
V.	Shoulder width (m)	1.120
VI.	Shoulder camber (%)	3.00
VII.	Side slope (V:H)	2:1
VII I.	Super elevation (%) / widening (m)	N/A
	Awarded Grade	S
3	Earth work and subgrade	
I.	Chainage (m)	N/A
II.	Soil identification/classification	N/A
III.	Degree of compaction (%)	N/A
	Awarded Grade	N/A
4	Sub-Base	
I.	Chainage (m)	300 M
II.	Thickness of the layer (mm)	100 mm
III.	Gradation of Sub-base material	S
IV.	Plasticity of Sub-base material	S
V.	Compaction of Sub-base layer (%)	100.00
	Awarded Grade	S
5	Base Coarse-Water Bound Macadam (WMM/WBM)	
I.	Chainage (m)	N/A
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	N/A

IV.	Grading of Coarse Aggregate	
	Awarded Grade	N/A
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)	
II.	Thickness of the pavement (mm)	
III.	Width of the pavement (m)	
IV.	Compressive Strength of CC in Concrete Pavement/Concrete Block	
V.	Quality of workmanship joints & edge etc.	
VI.	Quality of wearing surface (Attached the test report of IRI)	
	Awarded Grade	N/A
10	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)	N/A

II.	Types of CD Structure	N/A
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 Structure	
	Awarded Grade	
13	Road Furniture and Markings	
I.	Main Informatory Board (As per Norms)	
II.	Citizen Informatory Board/Maintenance Board (As per Norms)	
III.	Kilometer post/200 m Stone/Precautionary/Mandatory Sign Boards	
IV.	Road Marking	N/A
	Awarded Grade	S

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

Ram
23/09/2025
T.S

Vikash Kumar
23/09/2025
T.S

[Signature]
23/9/25
Assistant Engineer
T&QC DIVISION
Forbesganj

OFFICE OF THE ASSISTANT ENGINEER TESTING AND QUALITY CONTROL DIVISION FORBESGANJ

Letter no. 12.....

Date 24/09/2025

RESULT OF PHYSICAL TEST FOR GRADATION OF COARSE AGGREGATE

1. Name of road Gihum wali path to..... Division Forbesganj
Samtola path.....
2. Package/Agreement No. 57 S.B.D/Mmga 2024-25 Circle Kishanganj
3. Nature of sample.....
4. Sample collected by Vikash Kumar (T.S.) Agency Rumay Infr con
5. Date of sample collection 23/09/25 Part 4d
6. Location 0/300 km Date of test 23/09/25

SL no	Aggregate impact value(AIV)		Flakiness Index		Water absorption		Remarks
	Test value	Required value (max)	Test value	Required value (max)	Test value	Required value (max)	
		40%		30%		3%	

SIEVE ANALYSIS FOR GRADATION (G.S.B-I).....

Weight of sample taken 38600.00

SL no	I.S. Sieve size/ Designation	Wt. of sample retained	% of weight retained	Cumulative % of wt. retained	% of weight passing	Required value in %	Remarks
	75 mm	00	00	00	100	100%	
	26.5 mm	12746	33.02	33.02	66.98	55-75 %	
	4.75 mm	14714	38.12	71.14	28.86	10-30 %	
	0.075 mm	11140	28.86	100	0.00	< 10 %	

Rumay
23/09/2025
T.S

Vikash Kumar
23/09/2025
T.S

[Signature]
23/9/25
Assistant engineer
Testing And Quality control division
Forbesganj