

कार्यालय, कार्यपालक अभियंता
ग्रामीण कार्य विभाग, कार्य प्रमंडल, वीरपुर

पत्रांक..... 2121 / वीरपुर,

दिनांक..... 19-11 / 2021

प्रेषक :- कार्यपालक अभियंता,
ग्रामीण कार्य विभाग, कार्य प्रमंडल,
वीरपुर

सेवा में,
अधीक्षण अभियंता,
राज्य गुणवत्ता प्रबंधन कोषांग,
ग्रामीण कार्य विभाग, बिहार, पटना।

विषय :- NABARD योजना अन्तर्गत लगाये गये पथों में ATR के जाँच के संबंध में।

महाशय,

उपरोक्त विषय के सन्दर्भ में सूचित करना है कि स्वतंत्र अभियंता द्वारा Hariraha Panchyat se Durga Singh se Goath Tola Hote Huye Sitapur Chowk Tak. पथ का निरीक्षण किया गया।

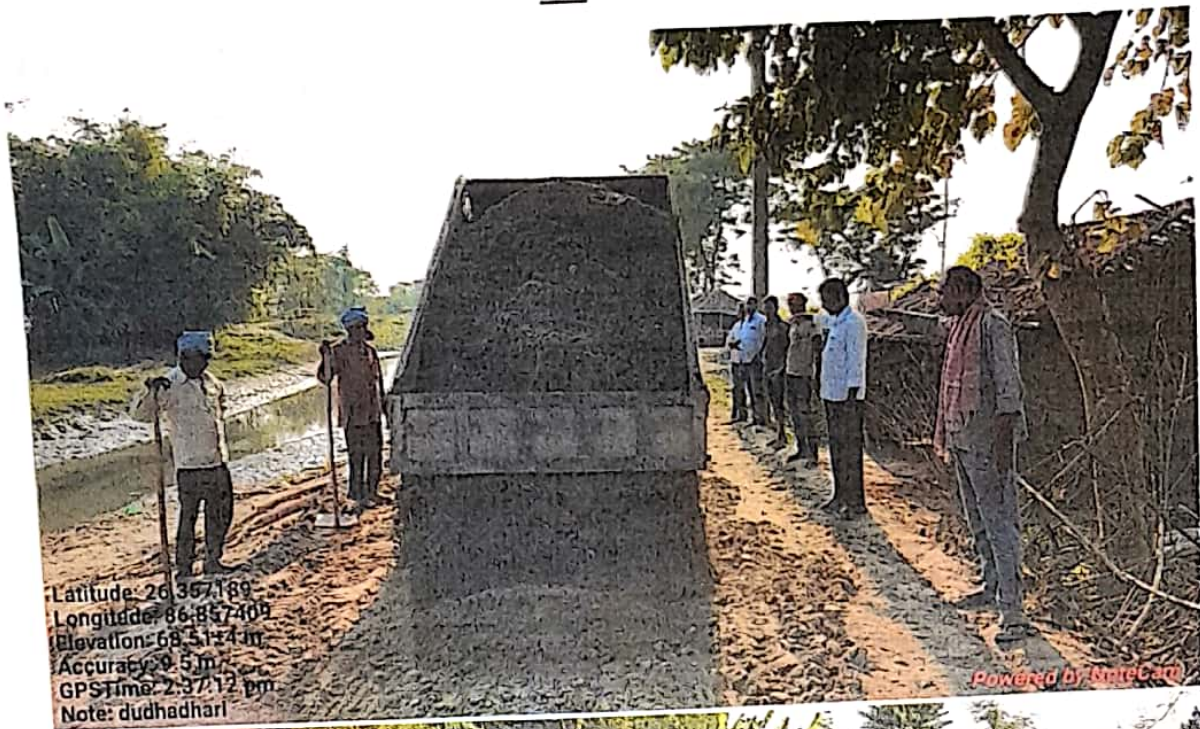
उपरोक्त पथों के ATR में लगाये गये बिन्दुओं का पथों में सुधार कर दिया गया है। कार्य का छायाचित्र एवं अन्य अभिलेख की छायाप्रति इस पत्र के साथ संलग्न कर आवश्यक कार्रवाई हेतु समर्पित।

अनु० :- यथोक्त।

विश्वासभाजन

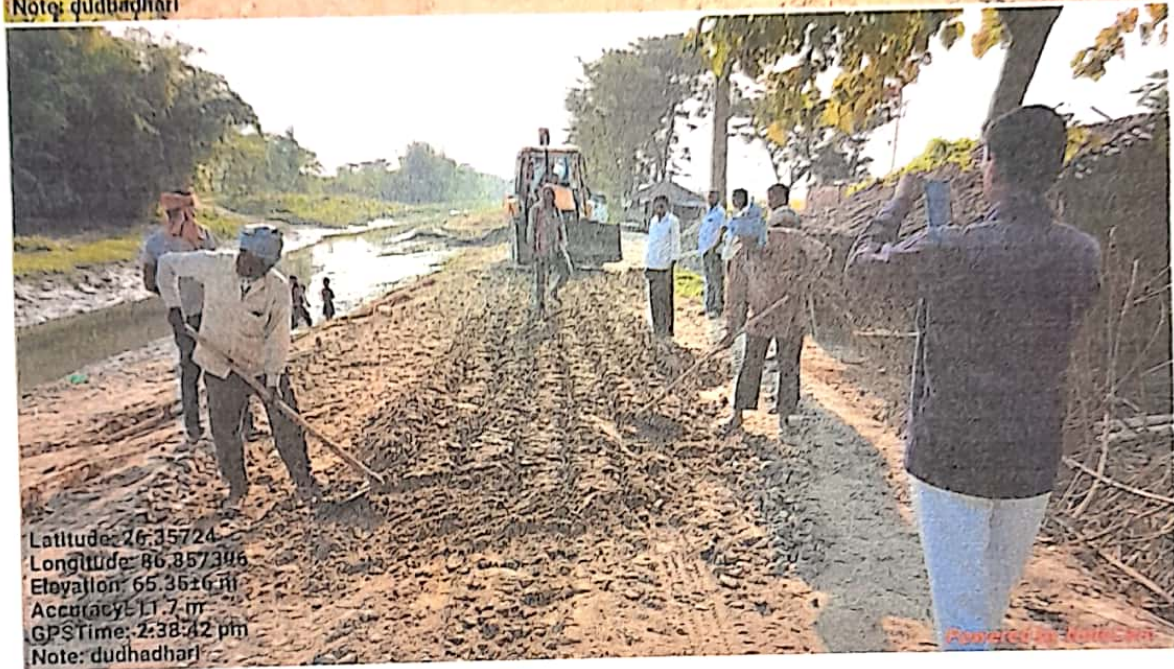
19/11/21
कार्यपालक अभियंता
ग्रामीण कार्य विभाग, कार्य प्रमंडल,
वीरपुर।

Photograph Hariraha Panchayat se Durga Singh se Goath Tola hote hove to Sitapur Chowk
Tak



Musar
JE 15/11/21
Raghuvar

Photograph Hariraha Panchayat se Durga Singh se Goath Tola hote hoye to Sitapur Chowk Tak



Murari
JE 15/11/21
Raghuraj

Quality Control Register Part I
Record of Tests Section 1 Earthwork
Abstract of tests Conducted

Test No.	Name of Test	Test No.	Depth of Test	Result Qualified (Yes/No)	If No, Page No and Date of RCR	Page No & Date on which Test Qualified
EW-1	Soil gradation	Test 1		Yes	NO	16
		Test 2		Yes	NO	17
		Test 3				
		Test 4				
		Test 5				
		Test 6				
		Test 7				
		Test 8				
		Test 9				
EW-2	AASHTO Tests	Test 1		Yes	NO	25
		Test 2		Yes	NO	27
		Test 3				
		Test 4				
		Test 5				
		Test 6				
		Test 7				
		Test 8				
		Test 9				
EW-3	Natural moisture content	Test Table				
EW-4	Proctor density	Test 1		Yes	NO	47
		Test 2		Yes	NO	48
		Test 3				
		Test 4				
		Test 5				
		Test 6				
		Test 7				
		Test 8				
		Test 9				
EW-5	CBR	Test 1				
		Test 2				
EW-(A)	Swelling Index	Test 1				
EW-6	Moisture Content at the time of Compaction	Test Table				
EW-7	Thickness	Test Table				
EW-8	Field density	Test 1		core cutter		662

Sieve Analysis of Soil (IS:2720 (Part 4) -1985)

Test 2

Road / Section Details

Date of Testing :

Sample No.

Weight of soil sample taken:

(gm)

Dry Sieving

Ch 1-2075 M/A

I. S. Sieve designation	Weight of sample retained (gm)	Percent of Wt. retained	Cumulative percent of Wt. retained (%)	Percentage of Wt. Passing	Prescribed Limits (Percentage of Wt. Passing/ Retained)
40 mm					
25 mm					
20 mm					
10 mm					
4.75 mm					

Wet Sieving

Weight of Soil Sample taken:

500 (gm)

I. S. Sieve designation	Weight of sample retained (gm)	Percent of Wt. retained (%)	Cumulative percent of Wt. retained (%)	Percentage of Wt. Passing (%)
2.36 mm	00	00	00	100
1.18 mm	4.90	0.98	0.98	99.02
600 μ	16.60	3.32	4.30	95.70
425 μ	57.25	11.45	15.75	84.25
75 μ	179.85	35.97	51.72	48.28

Summary of Results

Clay / silt (-75 micron) percent	64.28%
Sand (-4.75 mm + 75 micron) percent	35.72%
Gravel (-40 mm + 4.75 mm) percent	

Whether Confirms to the Prescribed Limits (Yes/No)

If Results don't conform to the prescribed Limits, non conformance Report will be issued by the PIU. The reference of the page No. of this Register on which Non Conformance Reports copy preserved.
 Page No. Date of issue

Checked by:

Tested by:

m No. EW-1

Tests for Granular Sub Base

Sieve Analysis (IS:2720 (Part 4) -1985)

Test 5

Road / Section Details

Date of Testing :

Sample No.

Weight of soil sample taken:

(gm)

Dry Sieving

CHL-2425MTR

I. S. Sieve designation	Weight of sample retained (gm)	Percent of Wt. retained	Cumulative percent of Wt. retained (%)	Percentage of Wt. Passing	Prescribed Limit % Wt. Passing/Retained

Wet Sieving

Weight of Soil Sample taken: 44255 (gm)

I. S. Sieve designation	Weight of sample retained (gm)	Percent of Wt. retained (%)	Cumulative percent of Wt. retained (%)	Percentage of Wt. Passing (%)	Prescribed Limit % Wt. Passing/Retained
75 mm	00	00	00	100	100
26.5 mm	19517	44.10	44.10	55.90	55-75
4.75 mm	12183	27.53	71.63	28.37	10-30
75 mic	12555	28.37	100	—	100

Whether Confirms to the Prescribed Limits (Yes/No) Yes

If Results don't conform to the prescribed Limits, non conformance Report will be issued by the PIU. The reference of the page No. of this Register on which Non Conformance Reports copy preserved.

Page No..... Date of issue.....

Checked by:

Tested by:

Instruction for Blending

(Date & Signature)
Officer in charge

Field Density of Soil / GSBC (Sand replacement method)

Date :- 28-02-20

Name of Road :-

Mean weight of sand in cone in gm.	334	Volume of calibrating cylinder (V) in cc	1178
Weight of sand + cylinder before pouring in gm.	6000	Mean weight of sand (+ cylinder) after pouring in gm.	4112
Weight of sand to fill calibrating cylinder $W_a = w_1 - w_2 - w_3$ in gm.	1554	Bulk density of sand $Y_s = (W_a/V)$ gm/cc.	1.219

Determination of Soil / GSBC Density.

Sl. No.	Date of Test	Location	Weight of wet soil from hole in gm.	Weight of sand (+ cylinder) before pouring (w_1) in gm.	Weight of sand (+ cylinder) after pouring (w_4) in gm.	Weight of sand in hole, in gm $W_b = (w_1 - w_4 - w_2)$.	Bulk density $Y_b = (W_b/W_b) \times Y_s$ gm/cc.	RMM reading.	Moisture content (W) percent	Weight of dry soil from hole in gm (W_d) = $(W_b / (1 - W))$	Dry density $Y_d = (W_d/W_b) \times Y_s$ gm/cc.	MDD in gm / cc.	% of compaction.
1		220 Mh	1655	6000	4689	989	2.1220	7	7.53	—	2.205	2.205	100.24%
2		545 Mh	1620	6000	4708	958	2.1251	7.5	8.11	—	2.204	2.204	100.19%
3		850 Mh	1528	6000	4746	920	2.1248	8	8.70	—	2.205	2.205	100.39%
4		1205 Mh	1472	6000	4793	873	2.1223	7	7.53	—	2.206	2.206	100.29%
5		1490 Mh	1525	6000	4757	909	2.1214	6.5	6.95	—	2.207	2.207	100.49%
6		1825 Mh	1496	6000	4787	879	2.1235	7.5	8.11	—	2.207	2.207	100.34%

Checked By. *[Signature]*

Tested By. *[Signature]*

166A

Form No. GB-2

Test for Water Bond Macadam Base

Sieve Analysis of Aggregate (IS: 2386 Part-1)

WBM Grade 3 Test 2

Date of Testing: 5-03-20

Road / Section Details:

Sample No.: Ch 1-1520M/r Weight of Sample taken: 35875 (gm)

1. S. Sieve designation	Weight of sample retained (gm)	Percent of Wt. retained (%)	Cumulative percent of Wt. retained (%)	Percentage of Wt. Passing (%)	Permissible Value
63mm	00	00	00	100	100
50mm	1507	4.20	4.20	95.80	95-100
45mm	6364	17.74	21.94	78.06	65-90
22.4mm	25446	70.93	92.87	7.13	0-10
11.2mm	2558	7.13	100	—	0-5

Whether Confirms to the Prescribed Limits (Yes/No) Yes

If Results don't conform to the prescribed Limits, non conformance Report will be issued by the PIU. The reference of the page No. of this Register on which Non Conformance Reports copy preserved.
Page No..... Date of issue.....

Checked by:

Muram
JE 5/3/20

Tested by:

Baidy

Instruction for Blending

(Date & Signature)
Officer in charge