

कार्यपालक अभियंता का कार्यालय
ग्रामीण कार्य विभाग कार्य प्रमंडल अररिया

पत्रांक 1601/.....अनु0 / अररिया,

दिनांक 13-05-2022

प्रेषक,

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमंडल, अररिया।

सेवा में,

सचिव सह शक्ति प्रदत्त पदाधिकारी
ब्राडा (BRRDA)
बिहार पटना।

विषय:-

M/R (3054) Bihar Rural Road Maintenance Policy - 2018 में कराए गए
कार्य का भुगतान हेतु अधियाचना के संबंध में।

महाशय

उपर्युक्त विषय के संबंध में कहना है कि इस प्रमंडल के कार्य क्षेत्रान्तर्गत कार्यान्वित
हो रहे M/R (3054) Bihar Rural Road Maintenance Policy - 2018 में संवेदक के विपत्र का
भुगतान हेतु संलग्न विवरणीनुसार आवंटन उपलब्ध कराने की कृपा की जाय।

अनु0-

1. विवरणी

विश्वासभाजन

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमंडल, अररिया।

Division - Araria

Requisition Format for Scheme Head MR (3054) under Bihar Rural Road Maintenance Policy - 2018 (Initial Rectification and Surface Renwal)

Sl. No	Package no.	Name of Road	Project ID as per MIS	Administrative Approval (AA) Letter No. & Date	Administrative Approval (AA) Length (in Km.)	Administrative Approval (AA) Amount (in Lakh)	Agreement Amount (in Lakh) Initial Rectification and Surface Renwal	Agreement Amount (in Lakh) 5 Year Routine Maintenance	Agreement No. & Date	Date of Completion as per Agreement	Value of IRI (in mm/km)	Thickness of Bitumen Layer (in mm)	Value of Bitumen Content in Percentage	Pervious Total Allocated Amount (in Lakh)	Up to date expenditure as per MIS (in Lakh)	Requisition against work done (in Lakh)	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	MR-N/19-20/Araria/08	Main Road - Dhurgaon_via_Marichgaon	NEA22000180	Letter no. 2066 Date - 04.07.2019	2.700	109.833	74.05143	27.80248	74/MBD/MR3054/21-22	06.07.22	3288	25mm	5.02%	-	-	72.18511	
2	MR-N/19-20/Araria/08	Fatki Chowk Kakan - Dubba	NEA22000187	-Letter no. 2066 Date - 04.07.2019	4.700	191.504	130.17548	41.68369	74/MBD/MR3054/21-22	06.07.22	3154	25mm	5.02%	-	-	111.55041	

1 Signed Hard Copy and Soft Copy (In excel) of Recordde IRI is enclosed.
2 Up - to date Physical Progress has been uplioded in MIS

32/15-122
09.05.22
AE.

Executive Engineer
RWD Araria Works Division, Araria

Name of Customer : Narayani Technos Private Limit
 Name of Work/ Road : Main_Road - Dhurgaon_via_Marichgaon
 Lab Job number :
 Date : 03-04-2022
 Section No. : 54

Test Date : 03-04-2022
 Machine No : 396
 Start S No :
 Start E No :
 Weather :
 Start Location :
 End Location :
 Road Name : Id - Dhurgaon_via_Marichgaon
 Road Type : (R) RURAL ROAD
 Side :
 UV Range : 958 To 6000 mm/km
 Dist Range : 0 To 2.8 * 1000 m
 Equation : $Y = *X^2 + 0.90 * X + 248.95$

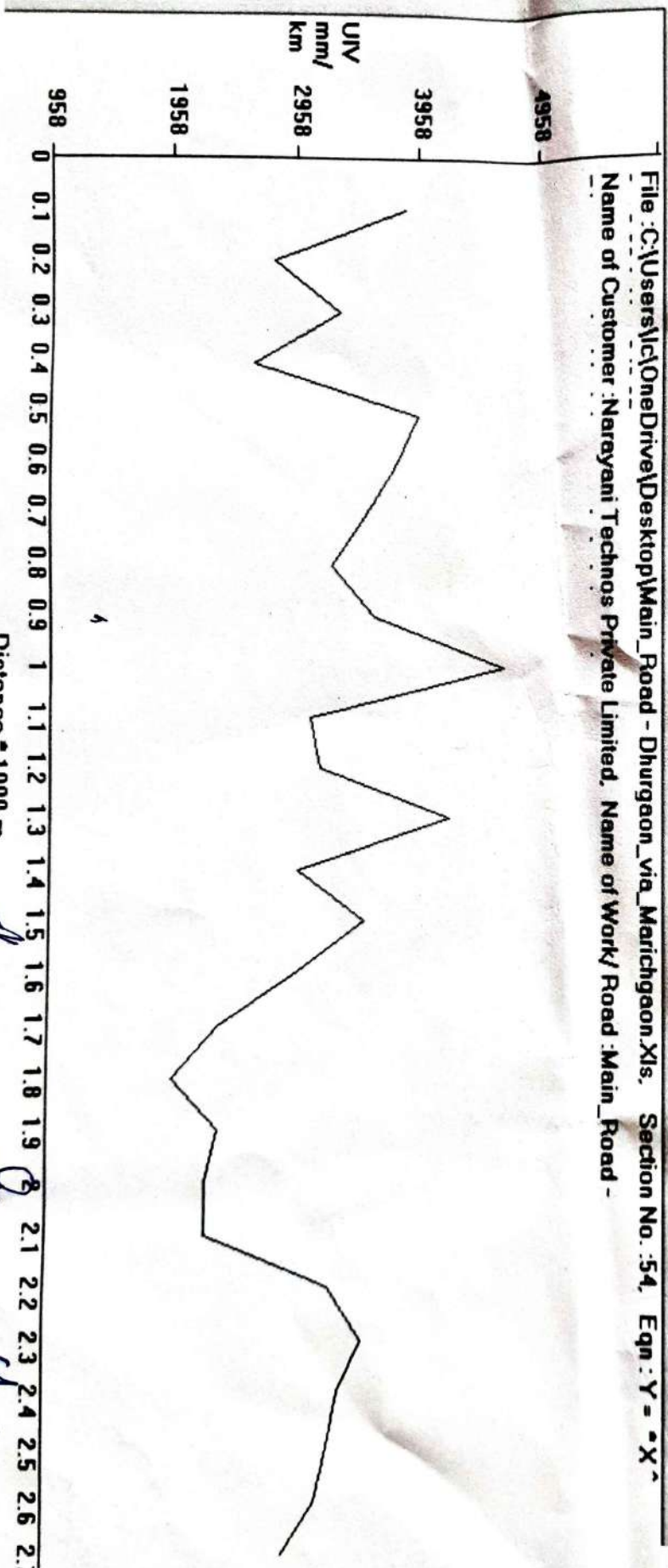
Print

Generate Report and Graph

Redraw Graph

Map View

File : C:\Users\j\OneDrive\Desktop\Main_Road - Dhurgaon_via_Marichgaon.Xls. Section No.: 54. Eqn : $Y = *X^2$
 Name of Customer : Narayani Technos Private Limited. Name of Work/ Road : Main_Road -



09.05.22
 AC

Date	Time	Section No.	Length in km	Bumps in mm	Speed Rate	OR mm/km	U/V	TEGORY ROAD	IRI	Latitude	ongitude	Event
3/4/22	12:7:24	54	0.1	400	0	4000		3848 G	5.02	26.17543	87.61524	Normal
3/4/22	12:8:0	54	0.1	280	10.1	2800		2768 G	3.74	26.17629	87.61552	Normal
3/4/22	12:8:0	54	0.1	340	10.1	3400		3308 G	4.39	26.17718	87.61551	Normal
3/4/22	12:8:35	54	0.1	260	10.1	2600		2588 G	3.53	26.17803	87.61561	Curve
3/4/22	12:9:0	54	0.1	410	20.2	4100		3938 G	5.13	26.17821	87.61655	Speed Bre: (R) RURAL ROAD
3/4/22	12:9:10	54	0.1	390	10.1	3900		3758 G	4.92	26.17782	87.61729	Normal
3/4/22	12:9:10	54	0.1	360	10.1	3600		3488 G	4.6	26.17778	87.61827	Normal
3/4/22	12:10:0	54	0.1	330	20.2	3300		3218 G	4.28	26.17773	87.61924	Normal
3/4/22	12:10:0	54	0.1	370	20.2	3700		3578 G	4.71	26.17773	87.62022	Normal
3/4/22	12:10:21	54	0.1	490	10.1	4900		4658 A	5.96	26.1779	87.62123	Speed Breaker
3/4/22	12:11:0	54	0.1	310	10.1	3100		3038 G	4.07	26.17776	87.62217	Normal
3/4/22	12:11:31	54	0.1	320	10.1	3200		3128 G	4.18	26.17725	87.62259	Normal
3/4/22	12:11:31	54	0.1	440	10.1	4400		4208 A	5.44	26.17633	87.62266	Speed Breaker
3/4/22	12:12:7	54	0.1	300	10.1	3000		2948 G	3.96	26.17606	87.62343	Normal
3/4/22	12:12:7	54	0.1	360	10.1	3600		3488 G	4.6	26.17628	87.62436	Culvert
3/4/22	12:12:42	54	0.1	300	10.1	3000		2948 G	3.96	26.17635	87.62535	Normal
3/4/22	12:13:0	54	0.1	230	20.2	2300		2318 G	3.2	26.17619	87.62635	Normal
3/4/22	12:13:17	54	0.1	190	20.2	1900		1958 G	2.75	26.17592	87.62729	Normal
3/4/22	12:13:52	54	0.1	230	10.1	2300		2318 G	3.2	26.17588	87.6283	Normal
3/4/22	12:14:0	54	0.1	220	10.1	2200		2228 G	3.09	26.17582	87.62928	Normal
3/4/22	12:14:28	54	0.1	220	20.2	2200		2228 G	3.09	26.1758	87.63027	Normal
3/4/22	12:14:28	54	0.1	330	20.2	3300		3218 G	4.28	26.17583	87.63123	Normal
3/4/22	12:15:3	54	0.1	360	20.2	3600		3488 G	4.6	26.17587	87.63221	Normal
3/4/22	12:15:3	54	0.1	340	10.1	3400		3308 G	4.39	26.1757	87.63316	Normal
3/4/22	12:15:38	54	0.1	330	20.2	3300		3218 G	4.28	26.17544	87.63411	Normal
3/4/22	12:16:0	54	0.1	320	10.1	3200		3128 G	4.18	26.17553	87.6351	Normal
3/4/22	12:16:14	54	0.1	290	0	2900		2858 G	3.85	26.17625	87.63522	Normal
AVERAGE								3154				

$$Y = * X \wedge 2 + 0.90 * X + 248.95$$

$$X = 2900$$

$$Y = 2858$$

Good Average Poor
4001-5000 > 5001

9/5/22

09.05.22

43

**कार्यपालक अभियंता का कार्यालय,
ग्रामीण कार्य विभाग, क्षेत्रीय प्रयोगशाला, पूर्णियाँ।**

पत्रांक...../दिनांक.....।

प्रेषक,

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
क्षेत्रीय प्रयोगशाला, पूर्णियाँ।

सेवा में,

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमंडल **अररिया।**

विषय :-

निर्माण कार्यो प्रयुक्त होने वाली सामग्रियों के नमूने की जाँच कर जाँच फल प्रतिवेदन भेजने के संबंध में।

महाशय,

उपर्युक्त विषय के संबंध में सूचित करना है कि निर्माण कार्यो में प्रयुक्त होनेवाली सामग्रियों के नमूने की जाँच कर जाँचफल प्रतिवेदन आपके आवश्यक कार्रवाई हेतु भेजी रही है।

क्र. सं०	पथ नाम	योजना का नाम	नमूने का जाँचफल
1.	Const. of 1. Main road to dhua- gaon via Marichgaon Road.	MR/3054	GSB-II, WBM III II MSS (stone chips) SDBC (Mix) sample.
2.	Const. of 2. Fatki chaur to Dubbga Road.	MR/3054	GSB-II, WBM II, III MSS (stone chips) SDBC (Mix) sample.

अनु०-यथावत।

विश्वासभाजन

MR/3054/2020

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
क्षेत्रीय प्रयोगशाला, पूर्णियाँ

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

RESULT OF BITMEN CONTENT OF MIX SAMPLE

Name of work Lot 1 Main road to dhugon via
Marichgaon Road Name of Division Araria

Package no./ngt.no. MR 13054 Name of Agency Narayani Technos Pvt Ltd.

Sample Collected by A.E. R.W.D. Araria J. K. Patra U.P.O. 02 cap dt. 1.4.22

Location _____ Wt. of sample taken 1000 gm.

S.D.B.C.

Sl.No.	Sample No.	Identification No.	Wt. of sample b.c.	Wt. of sample a.c.	Loss wt.	Average	% of bitmen content	Remarks
1.	A.	D1	316	301	15.0			
2.	B.	D2	318	303	15.0	15.33	5.08%	
3.	2.	D3	320	304	16.0			

Accepted

Copy to Exective Engineer R.W.D. Araria

Supitending Engineer _____

Chief Engineer Bihar Patna _____

LA
29/4/22

A.E

MR
29/04/2022
EXECUTIVE ENGINEER
RURAL WORKS DEPT.
REGIONAL LABORATORY
PURNERA

OFFICE OF THE EXECUTIVE ENGINEER

RURAL WORKS DEPARTMENT, REGIONAL LABORATORY, PURNEA

RESULT OF PHYSICAL TEST FOR GRADATION OF COARSE AGGREGATE

NAME OF THE ROAD: Court Main road to dungaon via manichgaur road.

PACKAGE NO. UNDER P.M.G.S.V. MR/3054

NAME OF THE WORKS DIVISION: Arany

NAME OF WORK: MSP

NAME OF WORKS CIRCLE: Kishanganj

NATURE OF SAMPLE: Stone chips

SAMPLE COLLECTED BY: A.E.R.W.D. Smt. Dr. J. K. Kishor

NAME OF AGENCY: Narayani Technics Patna

CHD 2 Capdt-1.4.22

LOCATION:-

SI. NO	AST		FLAKINESS INDEX		WATER ABSORPTION		REMARKS
	TEST VALUE	REQUIRED VALUE(MAX)	TEST VALUE	REQUIRED VALUE(MAX)	TEST VALUE	REQUIRED VALUE(MAX)	
1	1	2	3	4	5	6	
1	9.4%	30%	—	—	0.55%	2.1	Acceptable

SIEVE ANALYSIS FOR GRADATION OF: Stone chips

WEIGHT OF SAMPLE TAKEN: 10.0 kg.

SI. NO	I.S. SIEVE SIZE DESIGNATION IN M.M	WT OF MIX. RETAINED	% OF WEIGHT RETAINED	CUMULATIVE % OF WT. RETAINED	% OF WEIGHT PASSING	REQUIRED VALUE IN %	REMARKS
1	1	2	3	4	5	6	
1	13.2	0	0	0	100	100	
2	11.2	740	7.40	7.40	92.60	88-100	
3	5.6	4835	48.35	55.75	44.25	31.52	
4	2.8	3210	32.10	87.85	12.15	5-25	
5	0.075	1120	11.20	99.05	0.95	0-5	
6							

LETTER NO.

DATE:-

COPY TO:-

E.E.R.V.D. WORKS DIVISION: Arany

S.E.R.W.D. WORKS CIRCLE

S.E. CUM STATE QUALITY CO-ORDINATOR, BIHAR, PATNA

CHIEF, ENGINEER: R.W.D. BIHAR, PATNA

K. Kishor
29/4/22
REGIONAL LABORATORY,
R.W.D. PURNEA

A.E.
REGIONAL LABORATORY,
R.W.D. PURNEA

C. K. Kishor
29/4/22
EXECUTIVE ENGINEER,
REGIONAL LABORATORY,
R.W.D. PURNEA

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

RESULT OF BITMEN CONTENT OF MIX SAMPLE

Name of work Cont. f 2. Fatki Chouk to Dubbajod Name of Division Aran'g.

Package no./ngt.no. MR/3054 Name of Agency Alamyani Tech. & Pnt. Ltd.

Sample Collected by A.E.R.W.D (W) Sub Div. Jakhal U.Po. Campat. 3.4.22

Location _____ Wt. of sample taken 1000 gm.

SDBC

Sl.No.	Sample No.	Identification No.	Wt. of sample b.c.	Wt. of sample a.c.	Loss wt.	Average	% of bitmen content	Remarks
1.	P	F ₁	332	316	16.0			
2.	Q	F ₂	316	301	15.0	15.50	5.03%	
3.	R	F ₃	322	306.5	15.5			

Accepted

Copy to Exective Engineer RW2 (W) Sub. Aran'g.

Supntending Engineer _____

Chief Engineer Bihar Patna _____

18/05
LA 29/4/22

A.E

CH. 29/4/22
EXECUTIVE ENGINEER
RURAL WORKS DEPT.
REGIONAL LABORATORY
PURNERA

MR-3054 316151 Const. of Road from L. Main Road to Dhugaon via Narichgaon 75

Schedule XLV-Form No. 134

Package No. MR-N/19-20/Aggr/08 10

Agreement No. FA/MBD/MR-3054-21-22

Agency: Narayani Technos Pvt. Ltd. **DIVISION**

AREA

Const. Cost

Major Cost

SUB-DIVISION

Total.

JOKRhat

MEASUREMENT BOOK

Date of Commence: 07-07-2021

Date of Completion: 06.07.2022

2403

1st & final Bill

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of Road:- Construction of Road from Main Road to Murgam via Marichgaon.					
Name of Contractor:- Narayani Techno Pvt Ltd.					
Agreement No:- 74 SRD MR 3054-2021-22					
Date of start:- 07.07.2021					
Date of completion:- 06.07.2022					
1/2. Clearing and grubbing road land					
Qty vide T.M.B. fig. No. (2)					
0.54 Hec 49428270/ha 26728 sq m					

2/3. Construction of sub-grade and earthen shoulders					
Qty vide T.M.B. fig. No. (7)					
1131 m ² 176 = 75/m ² 200435 = 0					
3/4. Construction of granular sub-base by providing well graded material					
Qty vide T.M.B. fig. No. (3)					
310.26 m ² 2466283/ha 765359 = 0					
4/5. Providing laying spreading and compacting sub-base					
Qty vide T.M.B. fig. No. (4)					
146.64 m ² 4281 = 61/m ² 627855 = 0					
5/6. Providing laying spreading and compacting sub-base					
Qty vide T.M.B. fig. No. (6)					
165.43 m ² 3925 = 12/m ² 649333 = 0					
Continuation					
179269 110 =					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
18/27 Providing and laying of Hot Applied Thermoplastic				B.F =	59640942
Ground exposed					
Qty vide emb. fig No. (11)					
540.00 m ²			735 = 40 m		39711620
19/29 Providing and fixing of typical masonry infill masonry log Cabin Board.					
Qty vide emb. fig No. (11)					
2100 949/202/202					18982200
20					638019220
Add 12% GST					76562320

Add 1% Cont	(+)	63802200
		720961720
Less 0.01% Below	(-)	721200
		720889620
		7218511200

12.04.2022
SE,
Material statement

(i) Stone chips = 452.20 m ³	
(ii) Stone Metal = 615.89 m ³	
(iii) Stone screening = 91.03 m ³	
(iv) E/Work = 1134.00 m ³	
(v) Local sand = 158.85 m ³	
(vi) Bitumen Emulsion (SS-1) = 2.496 MT.	
(vii) " " (RS-1) = 3.62 MT.	
(viii) Bitumen " = 35.812 MT.	
Waste plastic = 446.35 Kg	
Work has been completed as per specification and Direction of E.I.	

28/3/22

28/3/22