

कार्यपालक अभियंता का कार्यालय
ग्रामीण कार्य विभाग, कार्य प्रमंडल, दाउदनगर

पत्रांक.....1846.....

दाउदनगर / दिनांक.....26/12/2020

प्रेषक,

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, औरंगाबाद

सेवा में,

नोडल पदाधिकारी (MR 3054)
ग्रामीण कार्य विभाग
पटना, बिहार

विषय :- नई अनुस्क्षण नीति-2018MR (3054) योजना के अंतर्गत पथ में कराये गये कार्य के विरुद्ध आवंटन उपलब्ध कराने के संबंध में।

महाशय,

उपरोक्त विषय के संबंध में सूचित करना है कि नई अनुस्क्षण नीति-2018 MR (3054) योजना के अंतर्गत पथ में कराये गये कार्य के लिए संवेदक को भुगतान करने हेतु अधियाचना विहित प्रपत्र में भरकर आवश्यक कार्यवाही हेतु समर्पित की जाती है।

अनु :- यथोक्त।

विश्वास भाजनू

24.12.2020
कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, दाउदनगर

OFFICE OF EXECUTIVE ENGINEER, RURAL WORKS DEPARTMENT, WORKS DIVISION, Daudnagar
Requisition Format for Scheme Head- MR(3054) under Bihar Rural Road Maintenance Policy-2018 (Initial Rectification and Surface Renewal)

Name of Works Division:- Aurangabad

Sl. no.	Package No	Name of Road	Project ID as per MIS	Administrative Approval (AA) Letter No & Date	Administrative		Agreement Amount		Agreement No& Date	Date of Completion as per Agreement	Actual Date of Completion	Value of IRI (in mm/km)	Thickness of Bitumen Layer (in mm)	Value of Bitumen Content in Percentage	Previous Total Allocated Amount (in Lakh)	up-to-date expenditure as per MIS (in Lakh)	Requisition against work done (in Lakh)	Remark
					Length (in km)	Amount of (in Lakh)	Initial Rectification with Surface Renewal (in Lakh)	5 Year Routine Maintenance (in Lakh)										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1	RM/AU/DAU/19/0015	RAFIGANJ SINA ROAD - CODDHA	NEA22000288	2164/06.07.2019	3.2	90.27	58.41	29.21	72/MBD/2019-2020 27.02.2020	23.10.2020	20.12.2020	2792	25.00	5.050%	0.000000	0.000000	66.17	Comp.
2	RM/AU/DAU/19/0015	TENDUA ROAD - SINGHI BUIURG	NEA22000295	2164/06.07.2019	3.1	95.29	59.63	25.72	72/MBD/2019-2020 27.02.2020	23.10.2020	20.12.2020	2677	25.00	5.080%	0.000000	0.000000	97.33	Comp.
3	RM/AU/DAU/19/0015	Kotwara to amarpur Bethna Road	10602901021	2164/06.07.2019	5.8	253.69	177.694	49.68	72/MBD/2019-2020 27.02.2020	23.10.2020	20.12.2020	2270	75.00	5.054%	0.000000	0.000000	137.77	Comp.
TOTAL																	301.27	

Divisional Accounts Officer
Rural Works Department, works Division,
Daudnagar

Executive Engineer
Rural Works Department
Works Division, Daudnagar

Name Of Road RAFIGANJ SIMA ROAD - GODDIHA

Date	Time	Section No.	Length in km	Bumps in mm	Speed Rate	OR mm/km	UUV	CATEGORY ROAD	IRI	Latitude	Longitude	Event
20/12/20	12:11:15	92	0.1	320	30.3	3200	3767 G		3.93	24.820555	84.665555	Normal
20/12/20	12:11:15	92	0.1	220	20.2	2200	2631 G		3.58	24.820613	84.666598	Normal
20/12/20	12:11:15	92	0.1	210	30.3	2100	2518 G		3.44	24.820688	84.667575	Normal
20/12/20	12:11:50	92	0.1	200	30.3	2000	2404 G		3.3	24.820685	84.668602	Normal
20/12/20	12:12:0	92	0.1	220	20.2	2200	2631 G		3.58	24.821027	84.669427	Normal
20/12/20	12:12:0	92	0.1	220	20.2	2200	2631 G		3.58	24.821277	84.67042	Normal
20/12/20	12:12:26	92	0.1	320	10.1	3200	3767 G		3.93	24.821153	84.671413	Normal
20/12/20	12:12:26	92	0.1	250	20.2	2500	2972 G		3.99	24.820955	84.672407	Normal
20/12/20	12:12:26	92	0.1	330	20.2	3300	3881 G		3.06	24.820347	84.673013	Normal
20/12/20	12:13:1	92	0.1	210	30.3	2100	2518 G		3.44	24.819623	84.673585	Normal
20/12/20	12:13:1	92	0.1	240	20.2	2400	2858 G		3.85	24.8198	84.674477	Normal
20/12/20	12:13:36	92	0.1	260	20.2	2600	3086 G		3.13	24.819965	84.675453	Normal
20/12/20	12:13:36	92	0.1	220	20.2	2200	2631 G		3.58	24.819672	84.67643	Normal
20/12/20	12:14:0	92	0.1	230	30.3	2300	2745 G		3.72	24.819363	84.677288	Normal
20/12/20	12:14:11	92	0.1	180	30.3	1800	2177 G		3.02	24.819342	84.678315	Normal
20/12/20	12:14:11	92	0.1	230	30.3	2300	2745 G		3.72	24.820102	84.678585	Normal
20/12/20	12:14:11	92	0.1	290	10.1	2900	3426 G		4.53	24.821168	84.678568	Speed Breaker
20/12/20	12:15:0	92	0.1	220	10.1	2200	2631 G		3.58	24.821522	84.679123	Normal
20/12/20	12:15:22	92	0.1	300	10.1	3000	3540 G		4.66	24.821268	84.68013	Speed Breaker
20/12/20	12:16:0	92	0.1	300	10.1	3000	3540 G		4.66	24.821028	84.681077	Speed Breaker
20/12/20	12:16:32	92	0.1	290	10.1	2900	3426 G		4.53	24.820823	84.682053	Speed Breaker
20/12/20	12:17:8	92	0.1	190	20.2	1900	2290 G		3.16	24.820853	84.683063	Normal
20/12/20	12:17:8	92	0.1	120	10.1	1200	1495 G		2.16	24.821747	84.68303	Normal
20/12/20	12:18:0	92	0.1	250	20.2	2500	2972 G		3.99	24.82218	84.68367	Speed Breaker
20/12/20	12:19:29	92	0.1	270	10.1	2700	3199 G		4.26	24.822235	84.684645	Normal
20/12/20	12:23:1	92	0.1	250	20.1	2500	2972 G		3.99	24.821685	84.685337	Speed Breaker
20/12/20	12:24:0	92	0.1	180	20.1	1800	2177 G		3.02	24.821055	84.685757	Normal
20/12/20	12:24:11	92	0.1	190	10.1	1900	2290 G		3.16	24.82027	84.685268	Speed Breaker
20/12/20	12:25:0	92	0.1	200	10.1	2000	2404 G		3.3	24.819402	84.684948	Normal
20/12/20	12:25:22	92	0.1	150	20.2	1500	1836 G		2.6	24.818543	84.685268	Normal
20/12/20	12:26:32	92	0.1	200	10.1	2000	2404 G		3.3	24.817693	84.68508	Normal
20/12/20	12:27:8	92	0.1	200	10.1	2000	2404 G		3.3	24.817693	84.68508	Normal

Total Length 3.1

JE

A.E

E.E

Y = 0 * X ^ 2 + 1.136 * X + 132.5
X = 2341
Y = 2792
(R) RURAL ROAD
Good Average Poor
<4000 4001-5000 >5001

Geo Analyzer

Name of Customer : SHARWAN AND SUNNY CON
Name of Work/ Road : PAFIGANJ SIMA ROAD - GOD
Lab Job number : 92
Date : 20-12-2020
Section No. : 92

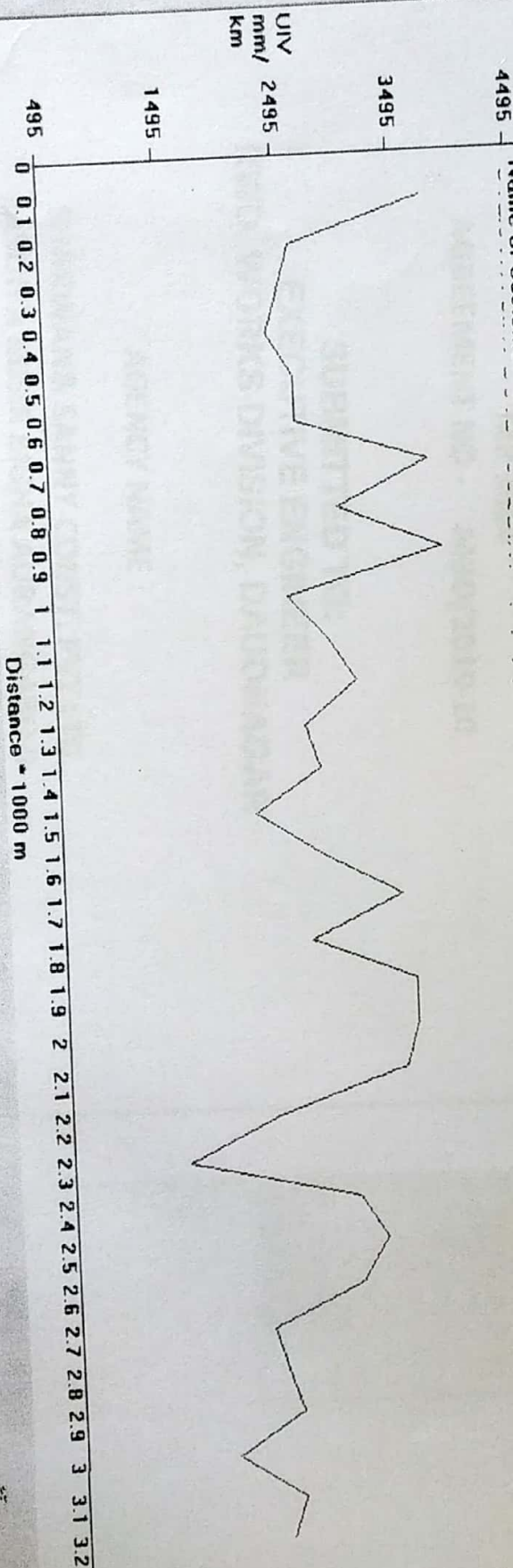
Print Generate Report and Graph

Test Date :	20-12-2020	Road Name :	PAFIGANJ SIMA ROAD - GOD
Machine No :	377	Road Type :	(R) RURAL ROAD
Start S No :	626	Side :	PAFIGANJ
Start E No :	657	Interval	
Weather :	Normal	U/V Range :	495 To 5000
Start Location :	24820555 841	Dist Range :	0 To 33
End Location :	24816938 8468	Equation :	$Y = 0 * X^2 + 1.136 * X + 132.5$
			mm/Km - 1000 m

Redraw Graph

Map View

File : C:\Users\BRDA132\Desktop\20121630.Xls. Section No. : 92. Eqn : $Y = 0 * X^2 + 1.136 * X + 132.5$
Name of Customer : SHARWAN AND SUNNY CONSTRUCTION PRIVATE LIMITED. Name of Work/ Road :



20/12/2020

**REPORT ON
BITUMEN CONTENT TEST
FOR THE PROPOSED
C/O**

**REPAIR OF ROAD FROM RAFIGANJ SIMA ROAD TO GODILA
UNDER SCHEME
MR 3054
AGREEMENT NO - MBD/2019-20**

**SUBMITTED TO:
EXECUTIVE ENGINEER
RWD. WORKS DIVISION, DAUDNAGAR**

AGENCY NAME :

**SHARWAN& SANNY CONST. PVT LTD
JASOIYA MISIR BIGHA AURANGABD B**

**TESTING BY :
OM SAI TESTING AND RESEARCH
*LABORATORY***

**2nd Floor Maheswari Complex Fraser Road Patna
PIN CODE 800001**

OM SAI TESTING AND RESEARCH LABORATORY

2nd floor maheswari complex fraser road patna
PIN CODE 800001

Ref.....

Date

BITUMEN CONTENT TEST OF SEMI-DENSE BITUMINOUS CONCRETE

Name of Road REPAIR OF ROAD FROM RAFIGANJ SIMA ROAD TO
GODILA UNDER SCHEME MR 3054

Type Of Material :SEMI-DENSE BITUMINOUS
CONCRETE

DATE OF COLLECTION 2-Nov-20

DATE OF TESTING 5-Nov-20

SAMPLE NO.

		A1	A2	A3
Chainage & Section:		0+540 KM	1+610 KM	2+910 KM
S.NO.	Observations	1	2	3
1	Wt. of Mix taken before extration (A)	500	500	500
2	Wt. of filter paper before extration (B)	6.02	6.02	6.01
3	Wt. of Mix after extration (c)	471.91	472.28	471.88
4	Wt. of filter paper after extration (D)	6.93	6.81	7.05
5	Wt. of filler collected from extract after allowing for seting (E)	1.81	1.83	1.80
6	Wt. of filler collected in filter paper (B-D) = (F)	0.91	0.79	1.04
7	Wt. of Aggregate + Filler collected after extration (C + E + F) = (G)	474.63	474.9	474.7
8	Percantage of Bitumen (in the Mix) $\frac{(A-G) \times 100}{A}$	5.07	5.02	5.06
Layer	Value			
SDBC	Avg. Value		5.050%	
	Checked By			Tested By



OM SAI TESTING AND RESEARCH LABORATORY

2nd floor maheswari complex fraser road patna
PIN CODE 800001

Ref..... TEST RESULTS OF GRADATION FOR SEMI-DENSE BITUMINOUS CONCRETE (SDBC) Date

NAME OF ROAD REPAIR OF ROAD FROM RAFIGANJ SIMA ROAD TO GODILA UNDER SCHEME
3054

Type Of Material SEMI-DENSE BITUMINOUS CONCRETE

Date Of Test 05-11-2020

Weight of Sample - 3941GM

I.S Seive Designation	Weight of Sample Retained (gm.)	% of Weight Retained	Cummulative % of Weight Retained	% of Weight Passing	Spec.Limits Vide Table 500.15 MORTH Specification
13.2mm	0	0	0	100	100
9.5mm	77	1.95	1.95	98.08	90-100
4.75mm	2002	50.8	52.75	47.25	35-51
2.36mm	716	18.16	70.91	29.09	24-39
1.18mm	288	7.31	98.22	21.78	15-30
0.300mm	362	9.18	87.4	12.6	9-19.
0.075mm	321	8.15	95.55	4.45	3-8.
In Pan	175	4.45	100	0	-

Checked By

Tested By



Authorized Signatory

M SAI TESTING AND RESEARCH LABORATORY

2nd floor maheswari complex fraser road patna
PIN CODE 800001

Ref.....

Date

TEST RESULTS OF SEMI-DENSE BITUMINOUS CONCRETE FLAKINESS FLAKINESS INDEX

NAME OF ROAD REPAIR OF ROAD FROM RAFIGANJ SIMA ROAD TO GODILA UNDER SCHEME 3054

Type Of Material SEMI-DENSE BITUMINOUS CONCRETE

Date Of Test 05-11-2020

Weight of Sample(gr) - 472 GM

Sno	Passing through IS Sieve (mm)	Retained on IS sieve (mm)	Wt. of the fraction of at least 200 pieces (gm)	Thickness gauge size (mm)	Wt. of aggregate in each fraction passing thickness gauge (gm)
1	2	3	4	5	6
1	12.5	10	40	6.75	0
2	10	6.3	432	4.89	48
Total (gm)			W= 472 F.I.= 10.17	w= 48	

ELONGATION INDEX

NAME OF ROAD REPAIR OF ROAD FROM RAFIGANJ SIMA ROAD TO GODILA UNDER SCHEME 3054

Type Of Material SEMI-DENSE BITUMINOUS CONCRETE

Date Of Test 05-11-2020

Weight of Sample(gr) - 495 GM

Weight of Sample(gr) - 495 GM					
Sno	Passing through IS Sieve (mm)	Retained on IS sieve (mm)	Wt. of the fraction of at least 200 pieces (gm)	Thickness gauge size (mm)	Wt. of aggregate in each fraction passing thickness gauge (gm)
1	2	3	4	5	6
1	12.5	10	35	20.50	0
2	10	6.3	460	14.70	47
Total (gm)			W= 495	w= 47	
			F.I.= 9.49		
F.I.+E.I.= 10.17+9.49			19.66%		

Checked By

