

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

पत्रांक.....16.....

दाउदनगर / दिनांक...26/01/2021

प्रेषक,

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, औरंगाबाद

सेवा में,

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

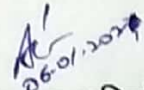
विषय :- नई अनुरक्षण नीति-2018MR (3054) योजना के अंतर्गत पथ में कराये गये कार्य के विरुद्ध आवंटन उपलब्ध कराने के संबंध में।

महाशय,

उपरोक्त विषय के संबंध में सूचित करना है कि नई अनुरक्षण 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 भाजन


26/01/2021

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, दाउदनगर

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

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)	Remarks
					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/DAL/19/0014	Barahi Road - Kharanti	10602802028	2164/06.07.2019	2.55	83.27	52.764	22.02	73/MBD/2019-2020 29.02.2020	28.11.2020	02.01.2021	3231	25MM	5.024%	0.000000	0.000000	52.764	Comp.
2	RM/AU/DAL/19/0014	RAFGANJ ROAD - KHAIRA MAJHULLI	NEA22000261	2164/06.07.2019	3.9	126.31	79.586	33.43	73/MBD/2019-2020 29.02.2020	28.11.2020	02.01.2021	2338	25MM	5.037%	0.000000	0.000000	79.586	Comp.
TOTAL																	132.350	

2019.12.21
 Divisional Accounts Officer
 Rural Works Department, Works Division,
 Daudnagar

2019.12.21
 Executive Engineer
 Rural Works Department
 Works Division, Daudnagar

Name Of Road RAFIGANJ ROAD - KHAIRA MAHAULI

Date	Time	Section No.	Length in km	Bumps in mm	Speed Rate	OR	CATEGORY	IRI	Latitude	Longitude	Event
2/1/21	17:34:25	21	0.1	350	10.1	2100	ROAD	3.33	24.76661	84.569865	Normal
2/1/21	17:35:1	21	0.1	270	20.2	2700	3199 G	3.26	24.765718	84.569562	Normal
2/1/21	17:35:1	21	0.1	200	30.3	2000	2404 G	3.3	24.764888	84.569325	Normal
2/1/21	17:35:1	21	0.1	200	30.3	2000	2404 G	3.3	24.764002	84.569057	Normal
2/1/21	17:35:1	21	0.1	200	30.3	2000	2404 G	3.3	24.763088	84.568787	Normal
2/1/21	17:35:36	21	0.1	180	30.3	1800	2177 G	3.02	24.762157	84.568518	Normal
2/1/21	17:35:36	21	0.1	190	40.4	1900	2290 G	3.16	24.76124	84.568248	Normal
2/1/21	17:36:0	21	0.1	220	30.3	2200	2631 G	3.58	24.760365	84.567978	Normal
2/1/21	17:36:11	21	0.1	200	30.3	2000	2404 G	3.3	24.75949	84.567727	Normal
2/1/21	17:36:11	21	0.1	170	30.3	1700	2063 G	2.88	24.758563	84.56744	Normal
2/1/21	17:36:11	21	0.1	270	10.1	2700	3199 G	4.26	24.757672	84.567188	Speed Breaker
2/1/21	17:36:46	21	0.1	240	20.2	2400	2858 G	3.85	24.75682	84.567407	Normal
2/1/21	17:37:0	21	0.1	190	30.3	1900	2290 G	3.16	24.756115	84.568047	Normal
2/1/21	17:37:22	21	0.1	200	30.3	2000	2404 G	3.3	24.755507	84.568787	Normal
2/1/21	17:37:22	21	0.1	180	30.3	1800	2177 G	3.02	24.75523	84.56973	Normal
2/1/21	17:37:22	21	0.1	160	30.3	1600	1950 G	2.74	24.75492	84.570707	Normal
2/1/21	17:37:57	21	0.1	170	30.3	1700	2063 G	2.88	24.754447	84.571532	Culvert
2/1/21	17:38:0	21	0.1	240	30.3	2400	2858 G	3.85	24.753897	84.572373	Normal
2/1/21	17:38:0	21	0.1	210	40.4	2100	2518 G	3.44	24.753357	84.573232	Normal
2/1/21	17:38:0	21	0.1	220	30.3	2200	2631 G	3.58	24.752695	84.573838	Normal
2/1/21	17:38:32	21	0.1	210	30.3	2100	2518 G	3.44	24.751768	84.573955	Normal
2/1/21	17:38:32	21	0.1	160	30.3	1600	1950 G	2.74	24.751208	84.574662	Normal
2/1/21	17:39:0	21	0.1	170	20.2	1700	2063 G	2.88	24.750952	84.575622	Normal
2/1/21	17:39:8	21	0.1	170	30.3	1700	2063 G	2.88	24.75031	84.57638	Normal
2/1/21	17:39:8	21	0.1	230	10.1	2300	2745 G	3.72	24.750418	84.577003	Normal
2/1/21	17:39:43	21	0.1	160	20.2	1600	1950 G	2.74	24.75108	84.57771	Normal
2/1/21	17:40:0	21	0.1	140	20.2	1400	1722 G	2.45	24.750857	84.578618	Normal
2/1/21	17:40:0	21	0.1	140	30.3	1400	1722 G	2.45	24.75073	84.579645	Normal
2/1/21	17:40:18	21	0.1	120	30.3	1200	1495 G	2.16	24.750845	84.58069	Normal
2/1/21	17:40:18	21	0.1	100	30.3	1000	1268 G	1.87	24.750798	84.581648	Normal
2/1/21	17:35:1	21	0.1	200	30.3	2000	2404 G	3.3	24.764002	84.569057	Normal
2/1/21	17:40:18	21	0.1	160	20.2	1600	1950 G	2.74	24.750502	84.582677	Normal
2/1/21	17:37:57	21	0.1	170	30.3	1700	2063 G	2.88	24.754447	84.571532	Culvert
2/1/21	17:36:46	21	0.1	240	20.2	2400	2858 G	3.85	24.75682	84.567407	Normal
2/1/21	17:43:0	21	0.1	190	20.2	1900	2290 G	3.16	24.749682	84.58249	Normal
2/1/21	17:45:0	21	0.1	180	30.3	1800	2177 G	3.02	24.74877	84.582305	Normal
2/1/21	17:45:0	21	0.1	200	20.2	2000	2404 G	3.3	24.747787	84.582172	Normal
2/1/21	17:46:0	21	0.1	320	20.2	3200	3767 G	4.93	24.867842	84.489645	Speed Breaker
Total Length			3.8								

$$Y = 0 * X^2 + 1.136 * X + 132.5$$

$$X = 1942$$

$$Y = 2338$$

(R) RURAL ROAD
Average
Good 4001-5000
Poor >5001

Name of Customer : SHARWAN AND SUNNY CON
Name of Work : RAJGANG ROAD - KHARBA M
Road :
Lab Job number : 22
Date : 02-01-2021
Section No. : 21

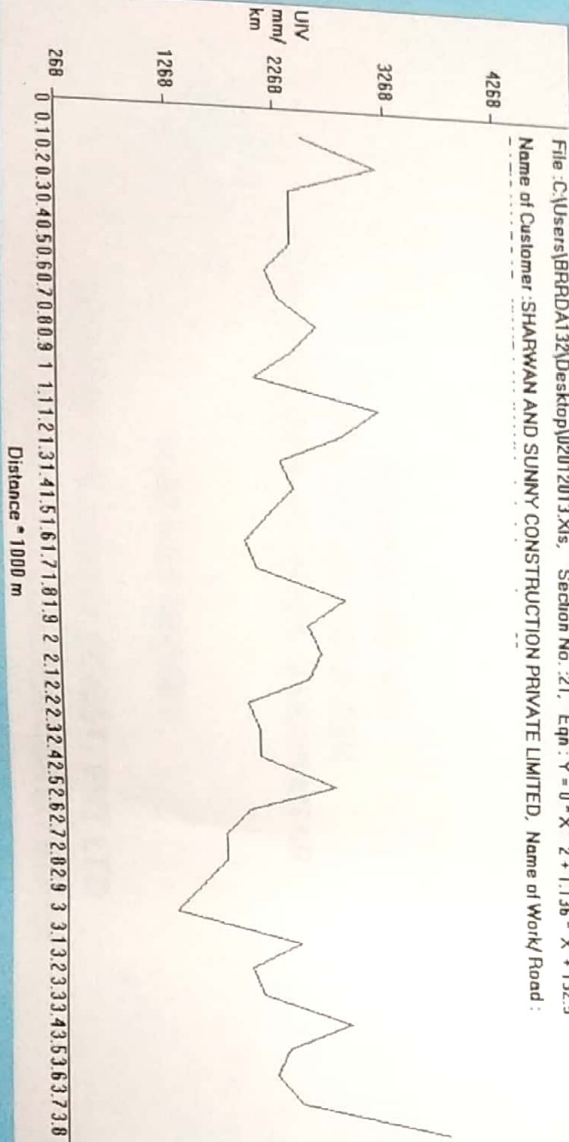
Print Generate Report and Graph

Test Date :	02-01-2021	Road Name :	RAJGANG ROAD - KHARBA M
Machine No :	377	Road Type :	(R) RURAL ROAD
Start S No :	2343	Side :	Right/Left Interval
Start E No :	2380	UV Range :	268 To 5000 1000 mm/km
Weather :	Normal	Dist Range :	0 To 39 0.1 1000 m
Start Location :	24.76661 84.56	Equation :	$Y = 0.0 \cdot X^2 + 1.136 \cdot X + 132.5$
End Location :	24.867842 84.56		

Redraw Graph

Map View

File : C:\Users\BPRDA132\Desktop\02012013.Xls Section No. : 21. Eqn : $Y = 0.0 \cdot X^2 + 1.136 \cdot X + 132.5$
Name of Customer : SHARWAN AND SUNNY CONSTRUCTION PRIVATE LIMITED. Name of Work/Road :



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

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

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

**AGENCY NAME :
SHARWAN& SANNY CONST. PVT LTD
JASOIYA MISIR BIGHA AURANGABD BIHAR**

**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 ROAD TO KHAIRA
MANJHAOLI UNDER SCHEME MR 3054

TYPE OF MATERIAL : SEMI-DENSE BITUMINOUS
CONCRETE

DATE OF COLLECTION 1-Dec-20

DATE OF TESTING 7-Dec-20

SAMPLE NO.

		A1	A2	A3
Chainage & Section:		0+540 KM	1+890 KM	3+715 KM
S.NO.	Observations	1	2	3
1	Wt. of Mix taken before extration	500	500	500
2	Wt. of filter paper before extration	6.02	6.06	6.01
3	Wt. of Mix after extration	471.65	472.59	471.89
4	Wt. of filter paper after extration	6.98	6.72	7.12
5	Wt. of filler collected from extract after allowing for seting	1.92	1.81	1.860
6	Wt. of filler collected in filter paper	0.96	0.66	1.11
7	Wt. of Aggregate + Filler collected after extration	474.53	475.06	474.9
8	Percentage of Bitumen (in the Mix) $\frac{(A-G) \times 100}{A}$	5.09	4.988	5.03
Layer		Value		
SEMI-DENSE BITUMINOUS CONCRETE		Avg. Value	5.037%	

Checked By

Tested By



OM SAI TESTING AND RESEARCH LABORATORY

2ND FLOOR MAHESWARI COMPLEX FRASER ROAD PATNA

PIN CODE 800001

Date

Ref.....

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

NAME OF ROAD REPAIR OF ROAD FROM RAFIGANJ ROAD TO KHAIRA MANJHAOLI UNDER
SCHEME 3054

Type Of Material

SEMI-DENSE BITUMINOUS CONCRETE

Date Of Test

06-12-2020

Weight of Sample - 3520 GM

I.S Sieve 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	72	2.05	2.05	97.95	90-100
4.75mm	1730	49.15	51.2	48.8	35-51
2.36mm	609	17.3	68.5	31.5	24-39
1.18mm	383	10.88	79.38	20.62	15-30
0.300mm	335	9.52	88.9	11.1	9-19.
0.075mm	222	6.30	95.2	4.8	3-8.
In Pan	169	4.8	100	0	-

Checked By

Tested By



Authorized Signature

OM 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 ROAD TO KHAIRA MANJHAOU LI UNDER
SCHEME 3054

Type Of Material SEMI-DENSE BITUMINOUS CONCRETE

Date Of Test 06-12-2020

Weight of Sample(gr) - 586 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	46	6.75	0
2	10	6.3	540	4.89	62

Total (gm)

W= 586
F.I.= 10.58

w= 62

ELONGATION INDEX

NAME OF ROAD REPAIR OF ROAD FROM RAFIGANJ ROAD TO KHAIRA MANJHAOU LI UNDER
SCHEME 3054

Type Of Material SEMI-DENSE BITUMINOUS CONCRETE

Date Of Test 06-12-2020

Weight of Sample(gr) - 570GM

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	46	20.50	0
2	10	6.3	524	14.70	59

Total (gm)

W= 570
F.I.= 10.35
F.I.+E.I.= 10.58+10.35

w= 59

Checked By

Tested By

