

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 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 भाजनु

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 RI (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/DAU/19/0015	RAFIGANJ SIMA ROAD - GODDHA	NEA22000288	21/6/06.07.2019	3.2	90.27	58.41	29.21	72/NIBD/2019-2020 27.02.2020	23.10.2020	20.12.2020	2792	25.00	5.050%	0.00000	0.00000	66.17	Comp.
2	RM/AU/DAU/19/0015	TENDUA ROAD - SINGHI BUIURG	NEA22000295	21/6/06.07.2019	3.1	95.29	59.63	25.72	72/NIBD/2019-2020 27.02.2020	23.10.2020	20.12.2020	2677	25.00	5.080%	0.00000	0.00000	97.33	Comp.
3	RM/AU/DAU/19/0015	Kotwara to amarapur Bedhna Road	10602901021	21/6/06.07.2019	5.8	253.69	177.694	49.68	72/NIBD/2019-2020 27.02.2020	23.10.2020	20.12.2020	2270	75.00	5.054%	0.00000	0.00000	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 Kotwara to amarpur Bedhna Road

Date	Time	Section	Length	Bumps	Speed	OR	CATEGORY	IRI	Latitude	Longitude	Event
No.	in km	in mm	Rate	mm/km	U/V	ROAD					
20/12/20	13:23:0	94	0.1	240	30.3	2400	2858 G	3.85	24.805535	84.557188	Speed Breaker
20/12/20	13:23:0	94	0.1	310	10.1	3100	3654 G	3.8	24.81146	84.55734	Normal
20/12/20	13:23:31	94	0.1	270	10.1	2700	3199 G	3.26	24.81188	84.556532	Normal
20/12/20	13:24:6	94	0.1	290	10.1	2900	3426 G	3.53	24.812742	84.556885	Normal
20/12/20	13:24:6	94	0.1	160	20.2	1600	1950 G	2.74	24.813587	84.557188	Normal
20/12/20	13:24:41	94	0.1	170	30.3	1700	2063 G	2.88	24.814512	84.55749	Normal
20/12/20	13:24:41	94	0.1	160	30.3	1600	1950 G	2.74	24.805252	84.558047	Normal
20/12/20	13:25:0	94	0.1	150	40.4	1500	1836 G	1.72	24.816102	84.558535	Normal
20/12/20	13:25:0	94	0.1	120	40.4	1200	1722 G	2.16	24.816978	84.558855	Normal
20/12/20	13:25:17	94	0.1	140	40.4	1400	1268 G	2.45	24.81787	84.55909	Normal
20/12/20	13:25:17	94	0.1	100	40.4	1000	2631 G	2.16	24.818705	84.55941	Normal
20/12/20	13:25:17	94	0.1	220	20.2	2200	2631 G	1.87	24.819535	84.559763	Normal
20/12/20	13:25:17	94	0.1	280	10.1	2800	3313 G	3.58	24.82051	84.560202	Normal
20/12/20	13:26:0	94	0.1	190	20.2	1900	2290 G	4.4	24.821327	84.560655	Curve
20/12/20	13:26:26	94	0.1	120	30.3	1200	1495 G	2.16	24.822157	84.56002	Normal
20/12/20	13:26:26	94	0.1	170	20.2	1700	2063 G	3.16	24.822157	84.559057	Normal
20/12/20	13:26:26	94	0.1	130	30.3	1300	1609 G	2.88	24.822665	84.55837	Normal
20/12/20	13:27:1	94	0.1	100	40.4	1000	1268 G	2.16	24.823212	84.557978	Normal
20/12/20	13:27:1	94	0.1	110	40.4	1100	1722 G	2.88	24.823327	84.556968	Normal
20/12/20	13:27:1	94	0.1	140	40.4	1400	1382 G	2.31	24.823327	84.556043	Normal
20/12/20	13:27:37	94	0.1	110	40.4	1100	1609 G	1.87	24.823545	84.55505	Normal
20/12/20	13:27:37	94	0.1	130	30.3	1300	2063 G	2.02	24.82377	84.553988	Normal
20/12/20	13:27:37	94	0.1	170	10.1	1700	3849 G	2.45	24.823985	84.55303	Normal
20/12/20	13:28:0	94	0.1	380	30.3	3200	3767 G	2.02	24.824132	84.552037	Normal
20/12/20	13:28:12	94	0.1	320	30.3	2400	2858 G	2.31	24.824282	84.550975	Speed Breaker
20/12/20	13:29:0	94	0.1	240	10.2	2000	2404 G	2.88	24.824298	84.549865	Speed Breaker
20/12/20	13:30:0	94	0.1	160	20.2	1600	1950 G	5.72	24.824373	84.548888	Normal
20/12/20	13:30:0	94	0.1	130	30.3	1300	1609 G	3.93	24.82448	84.548552	Normal
20/12/20	13:30:33	94	0.1	200	20.2	2000	2404 G	3.85	24.823645	84.547642	Normal
20/12/20	13:30:33	94	0.1	140	30.3	1400	1609 G	3.3	24.823487	84.546632	Normal
20/12/20	13:31:8	94	0.1	130	30.3	1300	3313 G	2.74	24.823493	84.545588	Normal
20/12/20	13:31:8	94	0.1	280	20.2	2500	2972 G	2.31	24.823047	84.54505	Normal
20/12/20	13:35:15	94	0.1	250	10.1	1900	2290 G	3.3	24.823047	84.544123	Normal
20/12/20	13:41:8	94	0.1	190	20.2	2300	2745 G	2.45	24.822	84.543147	Normal
20/12/20	13:42:0	94	0.1	230	20.2	2300	2745 G	2.31	24.820282	84.549242	Normal
20/12/20	13:42:19	94	0.1	170	30.3	1700	2063 G	4.4	24.820282	84.560908	Normal
20/12/20	13:42:19	94	0.1	170	30.3	1700	2063 G	3.99	24.821828	84.561295	Normal
20/12/20	13:42:19	94	0.1	170	30.3	1700	2063 G	3.16	24.822438	84.562255	Normal
20/12/20	13:42:19	94	0.1	170	30.3	1700	2063 G	3.72	24.822438	84.562255	Normal
20/12/20	13:42:19	94	0.1	170	30.3	1700	2063 G	2.88	24.822282	84.563232	Normal

$Y = 0 * X^2 + 1.136 * X + 132.5$
 $X = 1887$
 $Y = 2270$
(R) RURAL ROAD
Good Average Poor
<4000 4001-5000 >5001

20/12/20	13:42:54	94	0.1	230	20.2	2300	2745 G	3.72	24.822985	84.56367	Normal
20/12/20	13:43:0	94	0.1	240	20.2	2400	2858 G	3.85	24.822157	84.563955	Normal
20/12/20	13:43:0	94	0.1	140	30.3	1400	1722 G	2.45	24.824697	84.564242	Normal
20/12/20	13:43:29	94	0.1	170	20.2	1700	2063 G	2.88	24.825347	84.564848	Normal
20/12/20	13:43:29	94	0.1	200	20.2	2000	2404 G	3.3	24.82581	84.565168	Normal
20/12/20	13:43:29	94	0.1	150	30.3	1500	1836 G	2.6	24.826668	84.564898	Normal
20/12/20	13:44:0	94	0.1	110	30.3	1100	1382 G	2.02	24.827535	84.564645	Normal
20/12/20	13:44:5	94	0.1	120	30.3	1200	1495 G	2.16	24.828422	84.56441	Normal
20/12/20	13:44:5	94	0.1	120	30.3	1200	1495 G	2.16	24.82942	84.564073	Speed Breaker
20/12/20	13:44:5	94	0.1	120	30.3	1200	1495 G	2.16	24.82942	84.56372	Normal
20/12/20	13:44:5	94	0.1	250	20.2	2500	2972 G	3.99	24.830238	84.56372	Normal
20/12/20	13:44:5	94	0.1	190	20.2	1900	2290 G	3.16	24.832713	84.562508	Normal
20/12/20	13:45:50	94	0.1	160	20.2	1600	1950 G	2.74	24.833457	84.561868	Normal
20/12/20	13:46:0	94	0.1	300	10.1	3000	3540 G	4.66	24.83424	84.561245	Normal
20/12/20	13:46:26	94	0.1	220	20.2	2200	2631 G	3.58	24.834637	84.560437	Normal
20/12/20	13:46:26	94	0.1	310	10.2	3100	3654 G	3.8	24.834838	84.5601	Normal
20/12/20	13:49:22	94	0.1	180	20.2	1800	2177 G	3.02	24.834465	84.561043	Normal
20/12/20	13:49:22	94	0.1	320	10.1	3200	3767 G	3.93	24.83374	84.561615	Normal
20/12/20	13:50:0	94	0.1	170	20.2	1700	2063 G	2.88	24.83306	84.562238	Normal
20/12/20	13:50:33	94	0.1	180	10.1	1800	2177 G	3.02	24.83219	84.562693	Normal

1582411222
J.E

1.5

A.E.

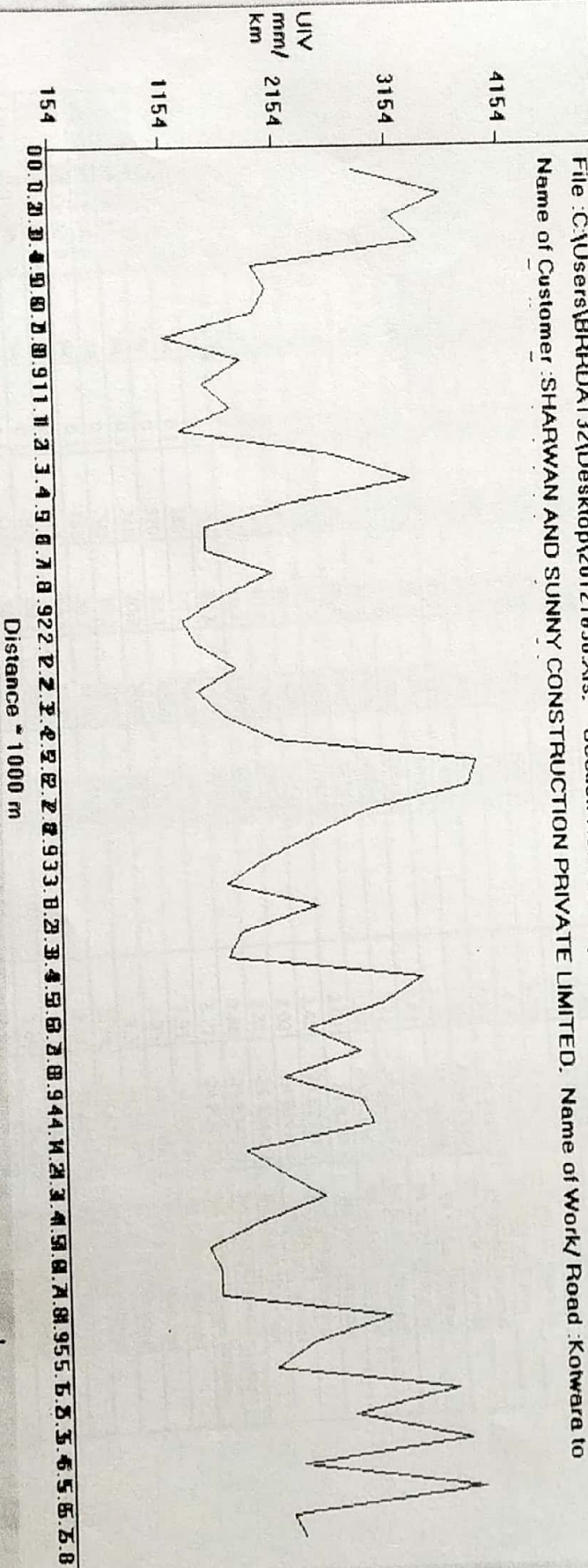
E'E

Name of Customer: SHARWAN AND SUNNY CON
 Name of Work/ Road: Kotwara to amarpur Bedina Po
 Lab Job number: 94
 Date: 20-12-2020
 Section No.: 94

Test Date : 20-12-2020		Road Name : Kotwara to amarpur Bedina Po	
Machine No : 377	Road Type : (R) RURAL ROAD		
Start S No : 658	Side : PAFIGANJ	Interval	
Start E No : 715	UIV Range : 154 To 5000	mm/km	
Weather : Normal	Dist Range : 0 To 5.9	01	
Start Location : 24 805535 841	Equation : $Y = 0 * X^2 + 1.136 * X + 132.5$	- 1000 m	
End Location : 219 8456269			

Print Generate Report and Graph

File : C:\Users\BRDDA132\Desktop\20121630.Xls. Section No. 94. Eqn : $Y = 0 * X^2 + 1.136 * X + 132.5$
 Name of Customer : SHARWAN AND SUNNY CONSTRUCTION PRIVATE LIMITED. Name of Work/ Road : Kotwara to



Redraw Graph

Map View

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

**REPAIR OF ROAD FROM KOTWARA TO AMARPURA BEDHNA ROAD
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 SDBC

Name of Road REPAIR OF ROAD FROM KOTWARA TO AMARPURA
BEDHNA ROAD UNDER SCHEME MR 3054

Type Of Material : SEMI-DENSE BITUMINOUS
CONCRETE

DATE OF COLLECTION 30-Oct-20

DATE OF TESTING 2-Nov-20

SAMPLE NO.

A1

A2

A3

Chainage & Section:		1+285 KM	3+410 KM	4+840 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)	6.00	6.02	6.01
3	Wt. of Mix after extration (c)	471.98	472.1	471.97
4	Wt. of filter paper after extration (D)	6.91	6.82	7.02
5	Wt. of filler collected from extract after allowing for seting (E)	1.83	1.805	1.780
6	Wt. of filler collected in filter paper (B-D) = (F)	0.91	0.8	1.01
7	Wt. of Aggregate + Filler collected after extration (C + E + F) = (G)	474.72	474.705	474.8
8	Percentage of Bitumen (in the Mix) $\frac{(A-G) \times 100}{A}$	5.06	5.059	5.05
Layer	Value			
SDBC	Avg. Value		5.054%	
	Checked By			Tested By



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 KOTWARA TO AMARPURA BEDHNA ROAD UNDER
SCHEME 3054

Type Of Material SEMI-DENSE BITUMINOUS CONCRETE

Date Of Test 02-11-2020

Weight of Sample(gr) - 470 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	38	6.75	0
2	10	6.3	432	4.89	46
Total (gm)			W= 470 F.I.= 9.79	w= 46	

ELONGATION INDEX

NAME OF ROAD REPAIR OF ROAD FROM KOTWARA TO AMARPURA BEDHNA ROAD UNDER
SCHEME 3054

Type Of Material SEMI-DENSE BITUMINOUS CONCRETE

Date Of Test 02-11-2020

Weight of Sample(gr) - 503 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	45	20.50	0
2	10	6.3	458	14.70	51
Total (gm)			W= 503	w= 51	
			F.I.= 10.14		
F.I.+E.I.= 9.79+10.14			19.93%		

Checked By



OM SAI TESTING AND RESEARCH LABORATORY

2nd floor maheswari complex fraser road patna

PIN CODE 800001

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

NAME OF ROAD REPAIR OF ROAD FROM KOTWARA TO AMARPURA BEDHNA ROAD UNDER
SCHEME 3054

Ref.....

Date

Type Of Material

SEMI-DENSE BITUMINOUS CONCRETE

Date Of Test

02-11-2020

Weight of Sample - 3510 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	85	2.42	2.42	97.58	90-100
4.75mm	1800	51.27	53.69	46.31	35-51
2.36mm	567	16.16	69.85	30.15	24-39
1.18mm	318	9.07	78.92	21.08	15-30
0.300mm	315	9.0	87.9	12.1	9-19.
0.075mm	266	7.59	95.49	4.51	3-8.
In Pan	158	4.51	100	0	-

Checked By

Tested By

