

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

पत्रांक.....16.....

दाउदनगर / दिनांक...06/01/2021

प्रेषक,

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, औरंगाबाद

सेवा में,

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

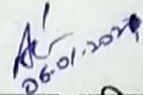
विषय :- नई अनुरक्षण नीति-2018MR (3054) योजना के अंतर्गत पथ में कराये गये कार्य के विरुद्ध आवंटन उपलब्ध कराने के संबंध में।

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


06-01-2021

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:-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 (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/AL/DAL/19/0014	Barahi Road - Kharani	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	3331	25MM	5.021%	0.000000	0.000000	52.764	Comp.
2	RM/AL/DAL/19/0014	RAFGANJ ROAD - KHAIRA MAJHAULI	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	

Divisional Accounts Officer
Rural Works Department, Works Division,
Daudnagar

Executive Engineer
Rural Works Department
Works Division, Daudnagar

Name Of Road Barahi Road - Kharanti

Date	Time	Section No.	Length in km	Bumps in mm	Speed Rate	OR mm/km	U/V	TEGORY ROAD	IRI	Latitude	Longitude	Event
2/1/21	18:43:31	22	0.1	190	20.2	1900	2290 G	ROAD	3.16	24.8669	84.49948	Normal
2/1/21	18:44:6	22	0.1	360	10.1	3200	3622 G		3.46	24.86595	84.49933	Normal
2/1/21	18:44:6	22	0.1	310	10.1	3100	3654 G		4.8	24.86504	84.49916	Normal
2/1/21	18:45:0	22	0.1	230	30.3	2300	2745 G		3.72	24.86411	84.49897	Normal
2/1/21	18:45:51	22	0.1	290	10.1	2900	3426 G		3.53	24.86353	84.49946	Speed Breaker
2/1/21	18:46:27	22	0.1	340	10.1	3400	3994 G		3.19	24.86286	84.49997	Normal
2/1/21	18:46:27	22	0.1	280	10.1	2800	3313 G		4.4	24.86201	84.49988	Speed Breaker
2/1/21	18:47:2	22	0.1	280	10.1	2800	3313 G		4.4	24.861	84.49988	Speed Breaker
2/1/21	18:47:37	22	0.1	320	10.1	3200	3767 G		4.93	24.86015	84.49975	Speed Breaker
2/1/21	18:47:37	22	0.1	210	30.3	2100	2518 G		3.44	24.85933	84.49941	Normal
2/1/21	18:48:0	22	0.1	240	20.2	2400	2858 G		3.85	24.85838	84.49906	Speed Breaker
2/1/21	18:48:13	22	0.1	300	10.1	3000	3540 G		3.66	24.8575	84.49889	Normal
2/1/21	18:49:0	22	0.1	160	30.3	1600	1950 G		2.74	24.85656	84.49879	Normal
2/1/21	18:49:23	22	0.1	280	20.2	2800	3313 G		4.4	24.85566	84.49872	Normal
2/1/21	18:49:23	22	0.1	250	20.2	2500	2972 G		3.99	24.85484	84.49843	Speed Breaker
2/1/21	18:50:0	22	0.1	300	20.2	3000	3540 G		4.66	24.85396	84.49827	Speed Breaker
2/1/21	18:50:0	22	0.1	340	20.2	3400	3994 G		3.19	24.85303	84.49806	Normal
2/1/21	18:50:34	22	0.1	290	20.2	2900	3426 G		3.53	24.85265	84.49744	Normal
2/1/21	18:51:0	22	0.1	300	20.2	3000	3540 G		3.66	24.85288	84.49646	Normal
2/1/21	18:51:9	22	0.1	260	20.2	2600	3086 G		3.13	24.85251	84.49586	Normal
2/1/21	18:51:9	22	0.1	300	20.2	3000	3540 G		3.66	24.85163	84.49579	Normal
2/1/21	18:51:44	22	0.1	280	20.2	2800	3313 G		3.4	24.85065	84.49564	Normal
2/1/21	18:52:20	22	0.1	250	20.2	2500	2972 G		3.99	24.84978	84.49556	Normal
2/1/21	18:52:20	22	0.1	240	20.2	2400	2858 G		3.85	24.84885	84.49539	Normal
Total Length			2.4									

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

$$X = 2733$$

$$Y = 3231$$

RURAL ROAD
Average
4001-5000 >5001

06/01/2021

06/01/2021

06/01/2021

Name of Customer: SHARWAN AND SUNNY TON
 Name of Work: Barahi Road - Kharanti
 Road: Barahi Road - Kharanti
 Lab Job number: 22
 Date: 02-01-2021
 Section No.: 22

Test Date: 02-01-2021
 Machine No.: 377
 Start S No.: 2381
 Start E No.: 2404
 Weather: Normal
 Start Location: 24.8659 84.435
 End Location: 24.8468 84.435
 Road Name: Barahi Road - Kharanti
 Road Type: (R) RURAL ROAD
 Side: Right
 UIV Range: 950 To 5000 Interval 1000 mm/km
 Dist Range: 0 To 25 0.1
 Equation: $Y = 0.0 \cdot X^2 + 1.136 \cdot X + 132.5$

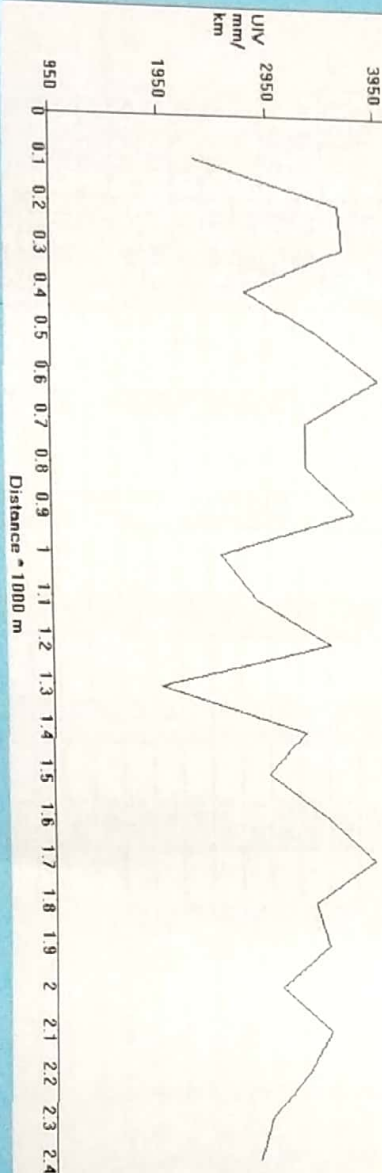
Print Generate Report and Graph

Redraw Graph

Map View

File: C:\Users\BPRD132\Desktop\02012013.xls Section No.: 22 Egn: $Y = 0.0 \cdot X^2 + 1.136 \cdot X + 132.5$

Name of Customer: SHARWAN AND SUNNY CONSTRUCTION PRIVATE LIMITED. Name of Work/Road: Barahi



06.01.2021

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

**REPAIR OF ROAD FROM BARAHI ROAD KHARANTI
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 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

Date

Ref.....

BITUMEN CONTENT TEST OF EMI-DENSE BITUMINOUS CONCRETE

Name of
Road :

REPAIR OF ROAD FROM BARAHI ROAD KHARANTI
UNDER SCHEME MR 3054

TYPE OF MATERIAL :SEMI-DENSE
BITUMINOUS CONCRETE

DATE OF COLLECTION 1-Dec-20

DATE OF TESTING 5-Dec-20

SAMPLE NC 1,2,3

Chainage & Section:		0+410 KM	1+185 KM	2+305 KM
S.NO.	Observations	1	2	3
1	Wt. of Mix taken before extration	500	500	500
2	Wt. of filter paper before extration	6.00	5.98	6.00
3	Wt. of Mix after extration	472.12	472.73	471.91
4	Wt. of filter paper after extration	7.08	7.15	7.65
5	Wt. of filler collected from extract after allowing for seting	1.35	1.305	1.330
6	Wt. of filler collected in filter paper	1.08	1.17	1.65
7	Wt. of Aggregate + Filler collected after extration	474.55	475.205	474.9
8	Percentage of Bitumen (in the Mix) $\frac{(A-G) \times 100}{A}$	5.09	4.959	5.02
LAYER		Value		
SEMI-DENSE BITUMINOUS CONCRETE		Avg. Value	5.024%	

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 GRADATION FOR SEMI-DENSE BITUMINOUS CONCRETE

NAME OF ROAD REPAIR OF ROAD FROM BARAHI ROAD KHARANTI UNDER SCHEME MR 3054

Type Of Material

SEMI-DENSE BITUMINOUS CONCRETE

Date Of Test

04-12-2020

Weight of Sample - 4525 GM

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	215	4.75	4.75	95.25	90-100
4.75mm	2132	47.12	51.87	48.13	35-51
2.36mm	795	17.57	69.44	30.56	24-39
1.18mm	424	9.38	78.82	21.18	15-30
0.300mm	408	9.02	87.84	12.16	9-19.
0.075mm	340	7.51	95.35	4.65	3-8.
In Pan	210	4.65	100	0.0	-

Checked By

Tested By



OM SAI TESTING AND RESEARCH LABORATORY

2ND FLOOR MAHESWARI COMPLEX FRASER ROAD PATNA

PIN CODE 800001

TEST RESULTS OF SEMI-DENSE BITUMINOUS CONCRETE FLAKINESS INDEX FLAKINESS INDEX

NAME OF ROAD REPAIR OF ROAD FROM BARAHI ROAD KHARANTI UNDER SCHEME MR 3054

Type Of Material SEMI-DENSE BITUMINOUS CONCRETE

Date Of Test 04-12-2020

Weight of Sample(gr) - 575 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	49	6.75	0
2	10	6.3	526	4.89	61
Total (gm)			W= 575 F.I.= 10.6	w= 61	

ELONGATION INDEX

NAME OF ROAD REPAIR OF ROAD FROM BARAHI ROAD KHARANTI UNDER SCHEME MR 3054

Type Of Material SEMI-DENSE BITUMINOUS CONCRETE

Date Of Test 04-12-2020

Weight of Sample(gr) - 554 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	49	20.50	0
2	10	6.3	505	14.70	58
Total (gm)			W= 554	w= 58	
			F.I.= 10.47		
F.I.+E.I.= 10.60+10.47			21.07	Authorized Signatory	

Authorized Signatory

Checked By

