

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

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Mob:- 8986915333

पत्रांक.....728315 दाउदनगर / दिनांक.....23/3/22

प्रेषक,

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, दाउदनगर

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।

महा इय,

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।

रुकु प्रती पाया
अक्षय 21/ 22/ 22

विश्वास भाजन

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, दाउदनगर
22.03.22

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 IRI (in mm/km)	Thickness of Bitumen Layer (in mm)	Value of Bitumen Content in Percentage	Previous Total Allotted 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/20/0002	Goh Uphara Road - Chaman pur	10602802052	2164/06.07.2019	4.95	166.489	103.051	42.8098	79/MBD/2020-21 26.03.2021	17.12.2021	14.03.2022	3125	25MM	5.052%	0.00	0.00	103.05	Comp.
2	RM/AU/DAU/20/0002	Goh Uphara Road - Sakardih	10602802049	2164/06.07.2019	0.489	14.1223	8.924	3.07446	79/MBD/2020-21 26.03.2021	17.12.2021	14.03.2022	3569	25MM	5.089%	0.00	0.00	8.9	Comp.
3	RM/AU/DAU/20/0002	Const of Rafiganj Goh Rd to Barahi Rd	10602803029	2164/06.07.2019	2	72.0536	44.574	18.43157	79/MBD/2020-21 26.03.2021	17.12.2021	14.03.2022	2949	25MM	5.05%	0.00	0.00	44.55	Comp.
TOTAL																	156.50	

Executive Engineer
Rural Works Department
Works Division-Daudnagar

22.02.22

Name Of Road :- Goh Uphara Road - Chaman pur

Date	Time	Section No.	Length in km	Bumps in mm	Speed Rate	OR mm/km	UIV	ROAD CATEGORY	IRI	Latitude	Longitude	Event
14/03/22	6:53:29	23	0.1	200	20.2	3400	3976	G	3.3	24.954754	84.6501	Normal
14/03/22	6:53:32	23	0.1	230	30.3	2900	3426	G	3.72	24.954658	84.64966	Normal
14/03/22	6:53:36	23	0.1	220	30.3	2900	3426	G	3.58	24.954595	84.64911	Normal
14/03/22	6:53:36	23	0.1	220	20.2	3400	3908	G	3.58	24.954667	84.6497	Normal
14/03/22	6:53:42	23	0.1	200	20.2	3100	3654	G	3.3	24.954628	84.6494	Normal
14/03/22	6:53:44	23	0.1	160	30.3	2600	3086	G	2.74	24.954803	84.65491	Normal
14/03/22	6:53:44	23	0.1	230	20.2	3400	3949	G	3.72	24.954733	84.65533	Normal
14/03/22	6:53:46	23	0.1	240	20.2	2900	3426	G	3.85	24.954555	84.6559	Normal
14/03/22	6:53:48	23	0.1	230	20.2	3200	3767	G	3.72	24.955401	84.64429	Normal
14/03/22	6:53:48	23	0.1	210	20.2	3300	3881	G	3.44	24.915591	84.64345	Normal
14/03/22	6:53:56	23	0.1	230	10.1	3500	3918	G	3.72	24.956173	84.64305	Normal
14/03/22	7:14:44	23	0.1	280	10.2	3400	3908	G	3.4	24.95628	84.64245	Normal
14/03/22	7:15:0	23	0.1	240	20.2	2800	3610	G	3.85	24.956456	84.64166	Normal
14/03/22	7:15:0	23	0.1	180	30.3	2000	2404	G	3.02	24.956709	84.64083	Normal
14/03/22	7:15:19	23	0.1	190	20.2	3400	3908	G	3.16	24.956868	84.64036	Normal
14/03/22	7:15:19	23	0.1	190	20.2	2700	3199	G	3.16	24.957033	84.63968	Normal
14/03/22	7:15:19	23	0.1	160	30.3	2500	2972	G	2.74	24.957259	84.63889	Normal
14/03/22	7:16:0	23	0.1	180	30.3	2900	3426	G	3.02	24.957339	84.63821	Normal
14/03/22	7:16:0	23	0.1	230	40.4	2300	2745	G	3.72	24.9576	84.63736	Normal
14/03/22	7:16:0	23	0.1	160	40.4	2100	2518	G	2.74	24.95786	84.63657	Normal
14/03/22	7:16:0	23	0.1	140	40.4	1700	2063	G	2.45	24.957911	84.63638	Normal
14/03/22	7:16:30	23	0.1	130	40.4	3800	3940	G	2.31	24.958012	84.63611	Normal
14/03/22	7:16:30	23	0.1	170	40.4	2900	3426	G	2.88	24.95834	84.63607	Normal
14/03/22	7:16:30	23	0.1	190	40.4	3300	3881	G	3.16	24.958736	84.6362	Normal
14/03/22	7:17:0	23	0.1	230	40.4	3100	3562	G	3.72	24.959125	84.63626	Normal
14/03/22	7:17:5	23	0.1	180	40.4	1800	2177	G	3.02	24.959544	84.63641	Normal
14/03/22	7:17:5	23	0.1	120	40.4	1200	1495	G	2.16	24.960096	84.63646	Normal
14/03/22	7:17:5	23	0.1	140	40.4	1400	1722	G	2.45	24.960169	84.63634	Normal
14/03/22	7:17:5	23	0.1	210	40.4	2100	2518	G	3.44	24.960248	84.63579	Normal
14/03/22	7:17:40	23	0.1	160	40.4	1600	1950	G	2.74	24.960486	84.63524	Normal
14/03/22	7:17:40	23	0.1	210	40.4	2100	2518	G	3.44	24.960571	84.63488	Normal
14/03/22	7:18:0	23	0.1	190	40.4	1900	2290	G	3.16	24.960784	84.6343	Normal
14/03/22	7:18:0	23	0.1	130	40.4	1300	1609	G	2.31	24.960959	84.63384	Normal
14/03/22	7:18:16	23	0.1	190	20.2	1900	2290	G	3.16	24.961319	84.6332	Normal
14/03/22	7:18:16	23	0.1	270	20.2	2700	3199	G	4.26	24.961544	84.63263	Normal
14/03/22	7:18:51	23	0.1	180	30.3	1800	2177	G	3.02	24.961563	84.6321	Normal

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

$$X = 2651$$

$$Y = 3125$$

(R) RURAL ROAD
 Good Average Poor
 <4000 4001-5000 >5001

14/03/22	7:19:0	23	0.1	180	30.3	1800	2177	G		3.02	24.961521	84.63172	Normal
14/03/22	7:19:0	23	0.1	240	20.2	2400	2858	G		3.85	24.961401	84.63082	Normal
14/03/22	7:19:26	23	0.1	270	30.3	2700	3199	G		4.26	24.96153	84.62952	Normal
14/03/22	7:19:26	23	0.1	260	30.3	2900	3426	G		4.13	24.9616	84.6287	Normal
14/03/22	7:19:26	23	0.1	210	30.3	3200	3767	G		3.44	24.961829	84.62804	Normal
14/03/22	7:19:26	23	0.1	200	40.4	3300	3881	G		3.3	24.962209	84.62386	Normal
14/03/22	7:20:2	23	0.1	180	40.4	3500	3918	G		3.02	24.962229	84.62344	Normal
14/03/22	7:20:2	23	0.1	180	40.4	3400	3908	G		3.02	24.962219	84.62293	Normal
14/03/22	7:20:2	23	0.1	170	40.4	2800	3610	G		2.88	24.962175	84.62285	Normal
14/03/22	7:20:2	23	0.1	180	40.4	2000	2404	G		3.02	24.962534	84.62088	Normal
14/03/22	7:20:37	23	0.1	150	40.4	3400	3908	G		2.6	24.962952	84.61912	Normal
14/03/22	7:20:37	23	0.1	150	40.4	2700	3199	G		2.6	24.963273	84.61756	Normal
14/03/22	7:20:37	23	0.1	180	40.4	2500	2972	G		3.02	24.963417	84.61609	Normal
Total Length		4.9											

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15/03/2022

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A.F.3.22

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23/03/22
E"E

Steco Analyzer

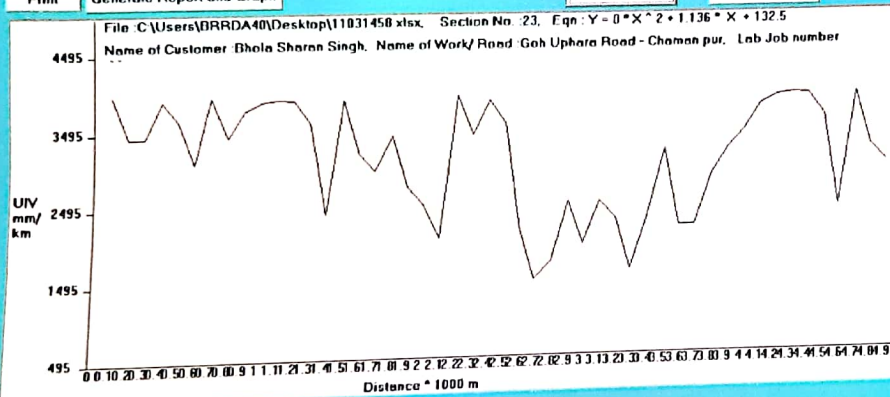
Name of Customer : Bhola Sharan Singh
 Name of Work/ Road : Goh Uphara Road - Chaman pur
 Lab Job number : 23
 Date : 14-03-2022
 Section No. : 23

Test Date : 14-03-2022 Road Name : Goh Uphara Road - Chaman pur
 Machine No : 377 Road Type : (R) RURAL ROAD
 Start S No : 22 Side : GOH Interval
 Start E No : 70
 Weather : Normal UIV Range : 495 To 5000 1000 mm/km
 Start Location : 754.84650102 Dist Range : 0 To 5 0.1 * 1000 m
 End Location : 417.84616091 Equation : $Y = 0 * X^2 + 1.136 * X + 132.5$

Print Generate Report and Graph

Redraw Graph

Map View



Signature
 15/03/2022
 T.R.

Signature
 15.03.22
 A.R.

Signature
 15/03/22
 E.E

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

**REPAIR OF ROAD FROM GOH UPHARA ROAD TO CHAMANPUR
UNDER SCHEME
MR 3054
AGREEMENT NO - 79 MBD/2020-21**

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

**AGENCY NAME :

BHOLA SHARAN SINGH
SHAHPUR TOLA PIPARDIH AURANGABAD**

**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

BITUMEN CONTENT TEST OF EMI-DENSE BITUMINOUS CONCRETE

Ref.....
Name of Road : **REPAIR OF ROAD FROM GOH UPHARA ROAD TO CHAMANPUR UNDER SCHEME MR 3054**

Date
TYPE OF MATERIAL : **SEMI-DENSE BITUMINOUS CONCRETE**

DATE OF COLLECTION 7-Jan-22

DATE OF TESTING 10-Jan-22

SAMPLE NC 1,2,3

Chainage & Section:		1+540 KM	3+725 KM	4+418 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	6.00	6.00
3	Wt. of Mix after extration	471.83	472.45	471.85
4	Wt. of filter paper after extration	7.34	7.28	7.31
5	Wt. of filler collected from extract after allowing for seting	1.43	1.35	1.380
6	Wt. of filler collected in filter paper	1.34	1.28	1.31
7	Wt. of Aggregate + Filler collected after extration	474.6	475.08	474.5
8	Percentage of Bitumen (in the Mix) $(A-G) \times 100$	5.08	4.984	5.09
	A			
LAYER		Value		
SEMI-DENSE BITUMINOUS CONCRETE		Avg. Value	5.052%	

Checked 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 GOH UPHARA ROAD TO CHAMANPUR UNDER
SCHEME MR 3054

Type Of Material

SEMI-DENSE BITUMINOUS CONCRETE

Date Of Test

10-01-22

Weight of Sample - 4386GM

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	93	2.11	2.11	97.89	90-100
4.75mm	2219	50.61	52.72	47.28	35-51
2.36mm	637	15.5	67.25	32.75	24-39
1.18mm	421	9.6	76.85	23.15	15-30
0.300mm	434	9.89	86.74	13.3	9-19.
0.075mm	359	8.18	94.92	5.08	3-8.
In Pan	223	5.08	100	0.00	-

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

Date

Ref.....

NAME OF ROAD REPAIR OF ROAD FROM GOH UPHARA ROAD TO CHAMANPUR UNDER SCHEME
MR 3054

Type Of Material

SEMI-DENSE BITUMINOUS CONCRETE

Date Of Test

10-01-22

Weight of Sample(gr) - 558GM

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	48	6.75	0
2	10	6.3	510	4.89	48

Total (gm)

W= 558
F.I.= 8.60

W= 48

ELONGATION INDEX

NAME OF ROAD REPAIR OF ROAD FROM GOH UPHARA ROAD TO CHAMANPUR UNDER SCHEME
MR 3054

Type Of Material

SEMI-DENSE BITUMINOUS CONCRETE

Date Of Test

10-01-22

Weight of Sample(gr) - 548 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	41	20.50	0
2	10	6.3	507	14.70	47

Total (gm)

W= 548

F.I.= 8.57

F.I.+E.I.= 8.60+8.57

17.17%



Checked By

Tested By