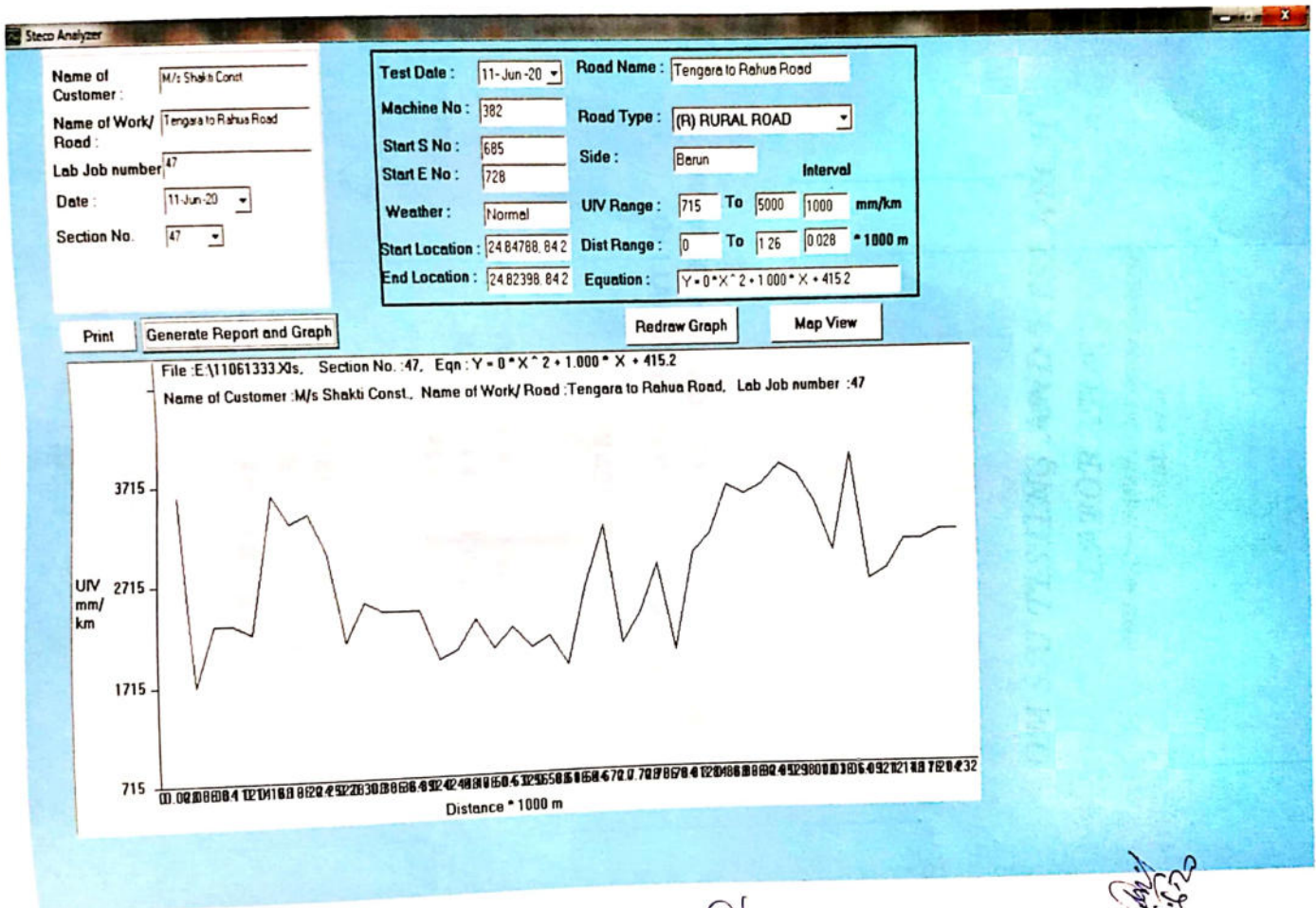




Rajul
26-06-20
J.B.

Rajul
26-06-20

Name of Road:- Tenggara to Rahua

Date	Time	Section No.	Length in km	Bumps in mm	Speed Rate	OR mm/km	IRI mm/km	CATEGORY ROAD	Latitude	Longitude	Event
11/6/20	13:18:44	47	0.1	320	0	3200	3615	G	24.84788	84.295605	Normal
11/6/20	13:19:0	47	0.1	130	10.1	1300	1715	G	24.847588	84.296515	Normal
11/6/20	13:19:20	47	0.1	190	10.1	1900	2315	G	24.847208	84.297255	Normal
11/6/20	13:19:55	47	0.1	190	10.1	1900	2315	G	24.846387	84.296968	Normal
11/6/20	13:20:0	47	0.1	180	20.2	1800	2215	G	24.845577	84.296902	Normal
11/6/20	13:20:31	47	0.1	320	10.1	3200	3615	G	24.845358	84.297878	Normal
11/6/20	13:20:31	47	0.1	290	10.1	2900	3315	G	24.844862	84.29848	Normal
11/6/20	13:21:6	47	0.1	300	10.1	3000	3415	G	24.844002	84.298315	Normal
11/6/20	13:21:6	47	0.1	260	10.1	2600	3015	G	24.843108	84.298097	Normal
11/6/20	13:21:6	47	0.1	170	10.1	1700	2115	G	24.842843	84.297255	Normal
11/6/20	13:21:41	47	0.1	210	20.2	2100	2515	G	24.8429	84.296328	Normal
11/6/20	13:22:0	47	0.1	200	10.1	2000	2415	G	24.843175	84.29537	Normal
11/6/20	13:22:16	47	0.1	200	10.1	2000	2415	G	24.842477	84.294882	Normal
11/6/20	13:22:52	47	0.1	200	10.1	2000	2415	G	24.84167	84.294477	Normal
11/6/20	13:23:0	47	0.1	150	20.2	1500	1915	G	24.841158	84.293687	Normal
11/6/20	13:23:27	47	0.1	160	20.2	1600	2015	G	24.840585	84.292945	Normal
11/6/20	13:23:27	47	0.1	190	20.2	1900	2315	G	24.840118	84.292153	Normal
11/6/20	13:24:2	47	0.1	160	20.2	1600	2015	G	24.839627	84.291347	Normal
11/6/20	13:24:2	47	0.1	180	20.2	1800	2215	G	24.83919	84.29047	Normal
11/6/20	13:24:38	47	0.1	160	20.2	1600	2015	G	24.838942	84.289578	Normal
11/6/20	13:25:0	47	0.1	170	20.2	1700	2115	G	24.838688	84.288687	Normal
11/6/20	13:25:13	47	0.1	140	20.2	1400	1815	G	24.838168	84.287878	Normal
11/6/20	13:25:13	47	0.1	220	20.2	2200	2615	G	24.83772	84.287037	Normal
11/6/20	13:25:48	47	0.1	280	10.1	2800	3215	G	24.837518	84.286127	Normal
11/6/20	13:26:0	47	0.1	160	20.2	1600	2015	G	24.83768	84.285202	Normal
11/6/20	13:26:23	47	0.1	190	20.2	1900	2315	G	24.837028	84.284595	Normal
11/6/20	13:26:23	47	0.1	240	20.2	2400	2815	G	24.836178	84.28436	Normal
11/6/20	13:27:0	47	0.1	150	20.2	1500	1915	G	24.835373	84.283972	Normal
11/6/20	13:27:0	47	0.1	250	20.2	2500	2915	G	24.83488	84.283232	Normal
11/6/20	13:27:34	47	0.1	270	10.1	2700	3115	G	24.834332	84.282642	Normal
11/6/20	13:27:34	47	0.1	320	10.1	3200	3615	G	24.83358	84.28212	Normal
11/6/20	13:28:9	47	0.1	310	10.1	3100	3515	G	24.832882	84.281665	Normal
11/6/20	13:28:9	47	0.1	320	10.1	3200	3615	G	24.83213	84.281262	Normal
11/6/20	13:28:45	47	0.1	340	10.1	3400	3815	G	24.83137	84.28074	Normal
11/6/20	13:29:0	47	0.1	330	10.1	3300	3715	G	24.830563	84.280387	Normal
11/6/20	13:29:20	47	0.1	300	10.1	3000	3415	G	24.830587	84.279477	Normal
11/6/20	13:29:55	47	0.1	250	10.1	2500	2915	G	24.829815	84.278938	Normal
11/6/20	13:30:0	47	0.1	350	10.1	3500	3915	G	24.829038	84.27847	Normal
11/6/20	13:30:30	47	0.1	220	10.1	2200	2615	G	24.828253	84.278147	Normal
11/6/20	13:31:6	47	0.1	230	10.1	2300	2715	G	24.827397	84.27803	Normal
11/6/20	13:31:6	47	0.1	260	10.1	2600	3015	G	24.826485	84.277912	Normal
11/6/20	13:31:41	47	0.1	260	20.2	2600	3015	G	24.825638	84.277592	Normal
11/6/20	13:32:0	47	0.1	270	10.1	2700	3115	G	24.824822	84.277238	Normal
11/6/20	13:32:16	47	0.1	270	10.1	2700	3115	G	24.823975	84.277137	Normal
11/6/20	13:32:52	47	0.1	270	10.1	2700	3115	G			

$Y = 0 \cdot X^2 + 1.000 \cdot X + 415.2$
 $X = 1900$
 $Y = 2315$
 (R) RURAL ROAD
 Good Average Poor
 <4000 4001-5000 >5001

4.4

Total

Rayda
 26-06-20
 J.E

Rayda
 26-6-20

OM SAI TESTING AND RESEARCH LABORATORY

HOUSE No A/109 SHIVPURI COLONY RANCHI JHARKHAND

PIN CODE 834001

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

NAME OF ROAD TENGRA TO RAHUA UNDER SCHEME MR3054

Type Of Material SEMI-DENSE BITUMINOUS CONCRETE

Date Of Test 20-06-2020

Weight of Sample - 3345 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	174	5.2	5.2	94.8	90-100
4.75mm	1611	48.16	53.36	46.64	35-51
2.36mm	603	18.04	71.4	28.6	24-39
1.18mm	418	12.5	83.9	16.1	15-30
0.300mm	202	6.05	89.95	10.05	9-19.
0.075mm	174	5.20	95.15	4.85	3-8.
In Pan	163	4.85	100	0	-

Checked By

Raj
28-06-20
J-E

Tested By

28-06-20



OM SAI TESTING AND RESEARCH LABORATORY

HOUSE No A/109 SHIVPURI COLONY RANCHI JHARKHAND

PIN CODE 834001

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

NAME OF ROAD TENGRA TO RAHUA UNDER SCHEME 3054

Type Of Material

SEMI-DENSE BITUMINOUS CONCRETE

Date Of Test

20-06-2020

Weight of Sample - 3520 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	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

Rajul
26.06.20
J.E.

Tested By

26.6.20



OM SAI TESTING AND RESEARCH LABORATORY

HOUSE No A/109 SHIVPURI COLONY RANCHI JHARKHAND
PIN CODE 834001

TEST RESULTS OF SEMI-DENSE BITUMINOUS CONCRETE FLAKINESS FLAKINESS INDEX

NAME OF ROAD : TENGRA TO RAHUA UNDER SCHEME 3054

Type Of Material

SEMI-DENSE BITUMINOUS CONCRETE

Date Of Test

21-06-2020

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	w= 62	

F.I.= 10.58

ELONGATION INDEX

NAME OF ROAD : TENGRA TO RAHUA UNDER SCHEME 3054

Type Of Material

SEMI-DENSE BITUMINOUS CONCRETE

Date Of Test 21-06-2020

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	

Total (gm)

W= 570

F.I.= 10.35

F.I.+E.I.=

10.58+10.35

20.93



Checked By

Raj
26-06-20
J.E.

26.6.20

OM SAI TESTING AND RESEARCH LABORATORY

HOUSE No A/109 SHIVPURI COLONY RANCHI JHARKHAND

PIN CODE 834001

BITUMEN CONTENT TEST OF SDBC

Name of Road : TENGRA TO RAHUA UNDER SCHEME 3054

Type Of Material : SDBC

DATE OF COLLECTION 15-Jun-20

DATE OF TESTING 20-Jun-20

SAMPLE NO.

A4 A5 A6

Chainage & Section:		2+945KM	3+750 KM	4+115 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	5.98	6.02
3	Wt. of Mix after extration (c)	472.35	471.96	471.65
4	Wt. of filter paper after extration (D)	6.91	7.02	7.11
5	Wt. of filler collected from extract after allowing for seting (E)	1.22	1.55	1.540
6	Wt. of filler collected in filter paper (B-D) = (F)	0.91	1.04	1.09
7	Wt. of Aggregate + Filler collected after extration (C + E + F) = (G)	474.48	474.55	474.3
8	Percentage of Bitumen (in the Mix) $\frac{(A-G) \times 100}{A}$	5.10	5.09	5.14
Layer		Value		
SDBC		Avg. Value	5.11%	

Checked By

Tested By

Ranjan
26.06.20
J.D

26.06.20



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

**TENGRA TO RAHUA
UNDER SCHEME
MR 3054**

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

**AGENCY NAME :
M/S SHAKTI CONSTRUCTION PVT LTD
NEW AREA BAL BIHAR SCHOOL AURANGABAD**

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

**HOUSE No A/109 SHIVPURI COLONY RANCHI JHARKHAND
PIN CODE 834001**

OM SAI TESTING AND RESEARCH LABORATORY

HOUSE No A/109 SHIVPURI COLONY RANCHI JHARKHAND

PIN CODE 834001

BITUMEN CONTENT TEST OF SDBC

Name of Road : TENGRA TO RAHUA UNDER SCHEME MR 3054

Type Of Material :SDBC

DATE OF COLLECTION 15-Jun-20

DATE OF TESTING 20-Jun-20

SAMPLE NO.		A1	A2	A3
Chainage & Section:		0+620 KM	1+310 KM	2+065 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	6.06	6.01
3	Wt. of Mix after extration (c)	471.55	472.08	471.98
4	Wt. of filter paper after extration (D)	6.81	6.72	6.65
5	Wt. of filler collected from extract after allowing for seting (E)	1.89	1.81	1.790
6	Wt. of filler collected in filter paper (B-D) = (F)	0.79	0.66	0.64
7	Wt. of Aggregate + Filler collected after extration (C + E + F) = (G)	474.23	474.55	474.4
8	Percentage of Bitumen (in the Mix) $\frac{(A-G) \times 100}{A}$	5.15	5.09	5.12

Layer	Value	
SDBC	Avg. Value	5.121%

Tested By

Checked By

Rahul
26.06.20
J-E

Chit
26.6.20



कार्यपालक अभियंता का कार्यालय
ग्रामीण कार्य विभाग, कार्य प्रमंडल, औरंगाबाद।
Email ID:-eerwdaurangabad1@gmail.com

पत्रांक..... 26/0 अं औरंगाबाद/दिनांक..... 26.6.2020

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।

विश्वासभाजन


26.6.20

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, औरंगाबाद

26.06.20

OFFICE OF EXECUTIVE ENGINEER, RURAL WORKS DEPARTMENT, WORKS DIVISION, Aurangabad

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	MR-N/ 2019-20	Aurang abad/	Name of Road	Project ID as per MIS	Administrative Approval (AA) Letter No & Date	Administrative Approval (AA)		Agreement Amount (in Lakh)		Agreement No& Date	Date of Completion as per Agreement	Actual Date of Completion	Value of IRI (in mm/km)	SDBC		Previous Total Allocated Amount (in Lakh)	up-to-date expenditure as per M/s (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)					Thickness of Bitumen Layer (in mm)	Value of Bitumen Content in Percentage				
1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	10		Tengra - Rahua	10602802090	Letter No. 3140 Date 22.07.2019	4.37	114.270	102.84000	37.30000	84MBD/2019-20 Date 25.02.2020	24.11.2020	-	2315	25	5.121	0.00000	0.00000	102.84000	Ongoing	
2	10		GULJAR PIGHA To PIPRA	NEA2200064	Letter No. 3140 Date 22.07.2019	1.300	39.21000	35.56000	11.10000	84MBD/2019-20 Date 25.02.2020	24.11.2020	-	3315	25	5.11	0.00000	0.00000	35.56000	Ongoing	
3	3		Punpun Jambhor Road To Dhramasala Via Jivan Bhepa, Talahara	10602803028	Letter No. 3140 Date 22.07.2019	2.350	84.98036	76.48232	22.584	90MBD/2019-20 Date 22.02.2020	21.11.2020	-	3715	25	5.09	0.00000	0.00000	76.48232	Ongoing	
4	22		Simra Bathi to Amba Deo Road	10602901062	Letter No. 3140 Date 22.07.2019	7.000	159.30914	143.37823	65.780	77MBD/2019-20 Date 20.02.2020	19.11.2020	-	2315	25	5.09	0.00000	0.00000	143.37823	Ongoing	
			Total															358.26055		

Executive Engineer
Rural Works Department
Works Division, Aurangabad