

कार्यपालक अभियंता का कार्यालय

ग्रामीण कार्य विभाग, कार्य प्रमंडल बेतिया।

पत्रांक:- 1610 अनु० / बेतिया दिनांक:- 03/06/23 /

प्रेषक,

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमंडल, बेतिया

सेवा में,

अपर मुख्य कार्यपालक पदाधिकारी-सह-सचिव,
बिहार राज्य ग्रामीण पथ विकास अभिकरण,
बिहार, पटना।

विषय:-

MR(3054) New Maintenance Policy 2018 योजना अन्तर्गत निर्माण कार्य की राशि की अधियाचना के संबंध में।

महाशय,

उपर्युक्त विषय के संबंध में कहना है कि MR(3054) New Maintenance Policy 2018 योजना अन्तर्गत भुगतान हेतु अधियाचना विहित प्रपत्र में तैयार कर आवश्यक अग्रेतर कार्रवाई हेतु समर्पित किया जाता है। अधियाचना प्रपत्र के साथ उपयोगिता प्रमाण पत्र भी संलग्न है।

अतः निवेदन है कि अधियाचित राशि विमुक्त करने की कृपा की जाय ताकि कराये गये कार्य का भुगतान किया जा सके।

अनु०- यथोक्त।

विश्वासभाजन



कार्यपालक अभियंता
ग्रामीण कार्य विभाग,
कार्य प्रमंडल बेतिया

ज्ञापांक-

दिनांक-

प्रतिलिपि:- नोडल पदाधिकारी, MR(3054) New Maintenance Policy 2018, ग्रामीण कार्य विभाग, बिहार पटना को सूचनार्थ एवं आवश्यक कार्रवाई हेतु समर्पित।



कार्यपालक अभियंता
ग्रामीण कार्य विभाग,
कार्य प्रमंडल बेतिया

Requisition Format for Scheme Head - MR(3054) under Bihar Rural Road Maintenance Policy- 2018 (Initial Rectification and surface Renewal)

Name of Division :- Bettiah

Name of Circle :- Bettiah

Sl. No	Package No.	Name of Road	Project ID as per MIS	Administrative Sanction Letter No & Date.	Administrative Approval (AA)		Agreement Amount (in Lac)		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 (in Lakh)	Initial Rectification with surface Renewal (in Lakh)	5 Years Routine Maintenance (in Lakh)										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1	MR-N/22-23 BETTIAH-03	Maithulia Jagdishpur to Jagarnathpur	31808802147	It 1592, 31.03.2022	6.24	412.00000	327.11354	71.64580	34 MBD/MR-N/3054/2022-23	09.07.2023		2790.32	25mm	5%	0.000000	0.00000	321.24030	

- Signed Hard Copy and Soft Copy (in excel) of Recorded IRI is enclosed.
- Up-to-date Physical Progress has been uploaded in MIS.

DIV. ACCOUNTS OFFICER
R.W.D. Works Division, Bettiah

Executive Engineer
R.W.D. Works Division, Bettiah

27/06/23 09:23

27/06/23

FORM GFR 19-A

(See Government of India's decision (I) below rule- 150)

Form of Utilization certificate up to the month of May-2023

PIU:- E.E RWD(W)DIV-Bettiah

SL. NO.	Name of Schemes	Sanction No. & Date with Amount (In Lacs)	Amount received (In Lacs)	Particulars
1	2	3	4	5
1	MR (3054) New Maintenance Policy 2018	Lt- 29, Dated-06.05.2020	141.70000	Certified that out of Rs.11487.8324 Lacs of grants-in-aid sanctioned during the years May-2023 in favour of Executive Engineer, R. W. D. Works Division, Bettiah a sum of Rs. 11043.45779 Lacs has been utilized for the purpose of MR(3054) Schemes as given in the margin for which it was sanctioned and that the balance of Rs.444.37461 Lac remaining unutilized at the end of the period under report.
		Lt- 35, Dated-21.05.2020	23.91000	
		Lt- 37, Dated-27.05.2020	66.78000	
		Lt- 42, Dated-04.06.2020	136.10000	
		Lt- 45, Dated-18.06.2020	261.56300	
		Lt- 47, Dated-24.06.2020	55.00000	
		Lt- 61, Dated-26.08.2020	436.17000	
		Lt- 65, Dated-09.09.2020	106.00000	
		Lt- 66, Dated-15.09.2020	143.00000	
		Lt- 69, Dated-24.09.2020	251.85000	
		Lt- 72, Dated-07.10.2020	155.48000	
		Lt- 77, Dated-14.10.2020	218.82000	
		Lt- 78, Dated-29.10.2020	566.65000	
		Lt- 80, Dated-05.11.2020	204.07000	
		Lt- 82, Dated-13.11.2020	311.69000	
		Lt- 84, Dated-26.11.2020	106.94000	
		Lt- 86, Dated-11.12.2020	229.06400	
		Lt- 05, Dated-12.01.2021	457.53600	
		Lt- 08, Dated-23.01.2021	72.61000	
		Lt- 17, Dated-26.02.2021	653.73071	
		Lt- 20, Dated-19.03.2021	138.93600	
		Lt- 22, Dated-24.03.2021	662.16582	
		Lt- 23, Dated-26.03.2021	160.70614	
		Lt- 26 dated- 15.04.2021	142.54564	
		Lt- 27 dated- 04.05.2021	134.20000	
		Lt- 32 dated- 28.05.2021	120.54513	
		Lt- 40 dated- 14.06.2021	102.62299	
			40.00000	
		Lt- 52 dated- 24.08.2021	5.87495	
		Lt- 60 dated- 09.11.2021	102.54852	
		Lt- 64 dated- 06.12.2021	222.03283	
		Lt- 02 dated- 03.01.2022	414.72248	
		Lt- 10 dated- 21.02.2022	3.01792	
		Lt- 16 dated- 08.03.2022	28.06190	
		Lt- 20 dated- 14.03.2022	0.70327	
		Lt- 46 dated- 13.04.2022	79.02999	
			88.44993	
		Lt- 03 dated- 08.06.2022	102.58622	
		Lt- 22 dated- 08.08.2022	489.37751	
		Lt- 41 dated- 26.10.2022	86.06599	
		Lt- 44 dated- 18.11.2022	75.90852	
		Lt- 47 dated- 24.11.2022	439.39487	
		Lt- 53 dated- 12.12.2022	229.76027	
		Lt- 04 dated- 10.01.2023	323.57068	
		Lt- 09 dated- 23.01.2023	12.13478	
		Lt- 10 dated- 27.01.2023	83.14896	
		Lt- 24 dated- 23.02.2023	55.91910	
		Lt- 26 dated- 25.02.2023	134.92551	
		Lt- 32, dated- 03.03.2023	157.18004	
		Lt- 35, dated- 14.03.2023	304.46962	
		Lt- 39, dated- 17.03.2023	47.86200	
		Lt- 42, dated- 20.03.2023	215.04310	
		Lt- 46, dated- 21.03.2023	305.03946	
		Lt- 49, dated- 23.03.2023	82.31212	
		Lt- 56, dated- 28.03.2023	64.03964	
		Lt- 60, dated- 07.04.2023	112.44253	
		Lt- 67, dated- 27.04.2023	334.17945	
		Lt- 72, dated- 10.05.2023	56.13160	
		Lt- 74, dated- 16.05.2023	26.68199	
		Lt- 78, dated- 24.05.2023	601.57768	
		Lt- 81, dated- 31.05.2023	104.25354	
		TOTAL	11487.83240	

2. Certified that I have satisfied myself that the conditions on which the grant-in-aid was sanctioned have been duly fulfilled, are being fulfilled and that I have exercised the following checks to see that the money was actually utilized for the purpose for which it was sanctioned.

Kinds of checks exercised:-

- Works has been supervised by Executive Engineer / Superintending Engineer.
- Periodic as inspection has been conducted by Executive Engineer / Superintending Engineer.
- Construction materials have been tested.
- Measurements have been recorded in the MBs and test check conducted by the Assistant Engine
- All other codal formalities have been observed.

3. Physical Progress achieved:-

- Construction of Road Works.
- Construction of CD Works.

03.06.23
DIV ACCOUNTS OFFICER
R.W.D. Works Division, Bettiah

03/06/23
EXECUTIVE ENGINEER
R.W.D. Works Division, Bettiah

कार्यपालक अभियंता का कार्यालय

ग्रामीण कार्य विभाग, कार्य प्रमंडल बेतिया।

ग्रामीण कार्य विभाग, कार्य प्रमंडल बेतिया के अधीन शीर्ष नई अनुरक्षण नीती-2018 के तहत **Majhulia Jagdishpur to Jagarnathpur** मापीपुस्त इस आशय का प्रमाण पत्र है कि पथ का निर्माण कार्य गुणवत्ता पूर्ण एवं विशिष्टियों के अनुरूप कराया गया है।


03/06/23

कनीय अभियंता
ग्रामीण कार्य विभाग,
कार्य प्रशाखा ~~नैतन~~ मैक¹⁹सिआ


03/06/23

सहायक अभियंता
ग्रामीण कार्य विभाग,
कार्य अ0प्रमंडल, नैतन मैक¹⁹सिआ


03/06/23

कार्यपालक अभियंता
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, बेतिया

Name of Work:- MANJHAULIA JAGDISHPUR ROAD - TOLA JAGARNATHPUR Part(A)

Name of Agency:- M/S Solanki Construction

Date	Time	Section	Length	Bumps	Speed	OR	IRI	CATEGORY	Latitude	Longitude	Event
		No.	in km	in mm	Rate	mm/km	mm/km	ROAD			
22/5/23	11:48:10	51	0.1	280	10.1	2800	2787	G	26.74135486	84.61244512	Normal
22/5/23	11:49:0	51	0.1	300	10.1	3000	2981	G	26.74169984	84.61165119	Normal
22/5/23	11:50:0	51	0.1	250	10.1	2500	2497	G	26.74177652	84.6110289	Normal
22/5/23	11:50:7	51	0.1	280	10.1	2800	2787	G	26.74196818	84.61008475	Normal
22/5/23	11:50:42	51	0.1	250	10.1	2500	2497	G	26.74214068	84.60901185	Normal
22/5/23	11:51:17	51	0.1	300	10.1	3000	2981	G	26.74191075	84.60811059	Curve
22/5/23	11:52:0	51	0.1	320	10.1	3200	3175	G	26.741383	84.60744539	Normal
22/5/23	11:52:0	51	0.1	290	10.1	2900	2884	G	26.74135505	84.60654414	Normal
22/5/23	11:52:0	51	0.1	310	10.1	3100	3078	G	26.74089515	84.60547124	Normal
22/5/23	11:52:0	51	0.1	280	10.1	2800	2787	G	26.74047356	84.60461292	Culvert
22/5/23	11:53:7	51	0.1	280	10.1	2800	2787	G	26.73997532	84.60358295	Normal
22/5/23	11:53:42	51	0.1	240	10.1	2400	2400	G	26.7397262	84.6028534	Normal
22/5/23	11:54:17	51	0.1	260	10.1	2600	2593	G	26.7392627	84.60195218	Normal
22/5/23	11:55:0	51	0.1	240	10.1	2400	2400	G	26.73878717	84.60111535	Normal
22/5/23	11:55:28	51	0.1	260	10.1	2600	2593	G	26.73823136	84.60027851	Normal
22/5/23	11:56:3	51	0.1	300	10.1	3000	2981	G	26.73798228	84.59914123	Curve
22/5/23	11:56:49	51	0.1	280	10.1	2800	2787	G	26.73765653	84.59836874	Normal
22/5/23	11:57:24	51	0.1	280	10.1	2800	2787	G	26.73669837	84.59811121	Curve
22/5/23	11:57:24	51	0.1	260	10.1	2600	2593	G	26.73675589	84.5967356	Normal
22/5/23	11:57:24	51	0.1	290	10.1	2900	2884	G	26.73694742	84.59530024	Culvert
22/5/23	11:58:24	51	0.1	270	10.1	2700	2690	G	26.73706244	84.59437757	Normal
22/5/23	11:58:35	51	0.1	300	10.1	3000	2981	G	26.7373116	84.59302575	Normal
22/5/23	11:59:10	51	0.1	240	10.1	2400	2400	G	26.73750326	84.5919958	Normal
22/5/23	11:59:10	51	0.1	290	10.1	2900	2884	G	26.73775239	84.59115895	Normal
22/5/23	12:00:18	51	0.1	310	10.1	3100	3078	G	26.73823149	84.58933506	Normal
22/5/23	12:00:18	51	0.1	280	10.1	2800	2787	G	26.73846144	84.58862696	Normal
22/5/23	12:01:28	51	0.1	240	10.1	2400	2400	G	26.73855726	84.58809051	Normal

$$Y = 0 * X^2 + 0.969 * X + 74.60$$

$$X = 2900$$

$$Y = 2884$$

(R) RURAL ROAD

Good Average Poor
4001-5000 >5001

22/5/23	12:01:28	51	0.1	300	10.1	3000	2981	G		26.73861474	84.58755407	Curve
22/5/23	12:02:10	51	0.1	280	10.1	2800	2787	G		26.73867222	84.58712491	Normal
22/5/23	12:02:10	51	0.1	280	10.1	2800	2787	G		26.73890217	84.58628805	Normal
22/5/23	12:03:18	51	0.1	260	10.1	2600	2593	G		26.73888298	84.58521516	Normal
22/5/23	12:03:18	51	0.1	290	10.1	2900	2884	G		26.73899793	84.58424955	Normal

Total 85724
Average 2765.290323

Part A - Total 85724
Part B - Total 41615
Part C - Total 45661
Grand Total 173000
Final Average 2790.322581

22/5/23
22/5/23

22/5/23
22/5/23

22/5/23
22/5/23

Name of Customer : M/S Solanki Construction
 Name of Work/ Road : TOLA JAGDISHPUR
 Lab Job number : 51
 Date : 22-05-2023
 Section No. : 51

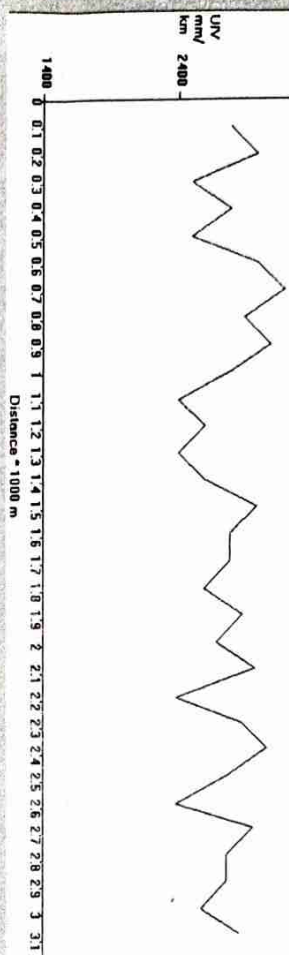
Test Date : 22-05-2023
 Machine No : 402
 Start S No :
 Start E No :
 Weather :
 Start Location :
 End Location :
 Road Name : TOLA JAGDISHPUR
 Road Type : (R) RURAL ROAD
 Side :
 U/V Range : 1400 To 4000 Interval 1000 mm/km
 Dist Range : 0 To 32 0.1 ~ 1000 m
 Equation : $Y = 0.0 \times X^2 + 0.989 \times X + 14.60$

Print Generate Report and Graph

Redraw Graph

Map View

File E:\BUMP MACHINE 22-23\solanki\jagdishpur\22052023\51.xlsx Section No. 51. Eqn : $Y = 0.0 \times X^2 + 0.989 \times X + 14.60$
 Name of Customer : M/S Solanki Construction, Name of Work/ Road : MANJHULIA JAGDISHPUR ROAD - TOLA



24/5/23
 EE

24/5/23
 EE

24/5/23
 EE

Name of Work:- MANJHAULA JAGDISHPUR ROAD - TOLA JAGARNATHPUR Part (C)

Name of Agency:- M/S Solanki Construction

Date	Time	Section No.	Length in km	Bumps in mm	Speed Rate	OR mm/km	IRI mm/km	CATEGORY ROAD	Latitude	Longitude	Event
22/5/23	12:20:18	53	0.1	280	10.1	2800	2787	G	26.74104161	84.5751974	Normal
22/5/23	12:20:35	53	0.1	280	10.1	2800	2787	G	26.74028425	84.57286257	Normal
22/5/23	12:21:04	53	0.1	260	10.1	2600	2593	G	26.73923684	84.57325953	Normal
22/5/23	12:21:24	53	0.1	290	10.1	2900	2884	G	26.7378188	84.57345799	Normal
22/5/23	12:22:08	53	0.1	270	10.1	2700	2690	G	26.73612677	84.57405346	Bridge
22/5/23	12:22:23	53	0.1	300	10.1	3000	2981	G	26.73467644	84.57445041	Normal
22/5/23	12:23:01	53	0.1	240	10.1	2400	2400	G	26.73379013	84.57457671	Normal
22/5/23	12:23:01	53	0.1	290	10.1	2900	2884	G	26.73319391	84.57488341	Culvert
22/5/23	12:23:48	53	0.1	310	10.1	3100	3078	G	26.73277491	84.57502777	Normal
22/5/23	12:24:00	53	0.1	320	10.1	3200	3175	G	26.73235591	84.57515409	Normal
22/5/23	12:24:34	53	0.1	280	10.1	2800	2787	G	26.73187244	84.57531649	Normal
22/5/23	12:25:43	53	0.1	250	10.1	2500	2497	G	26.73142121	84.57542476	Normal
22/5/23	12:25:05	53	0.1	300	10.1	3000	2981	G	26.73064767	84.57578564	Normal
22/5/23	12:26:25	53	0.1	320	10.1	3200	3175	G	26.73139167	84.57540491	Normal
22/5/23	12:27:25	53	0.1	290	10.1	2900	2884	G	26.7291686	84.57654214	Normal
22/5/23	12:28:18	53	0.1	310	10.1	3100	3078	G	26.72822954	84.57675669	Normal
		Total		45661							
		Average		2853.8125							

$$y = 0 \cdot x^2 + 0.969 \cdot x + 74.60$$

$$x = 3100$$

$$y = 3078$$

(R) RURAL ROAD

Good Average Poor
 <4000 $4001-5000$ >5001

22/5/23
 216/23
 216/23
 216/23

216/23
 216/23
 216/23
 216/23

03/06/23
 EE

Name of Customer : M/S Solanki Construction
 Name of Work/ Lab Job number : D/O TOLA JAGDISHPUR
 Date : 22-05-2023
 Section No. : 52

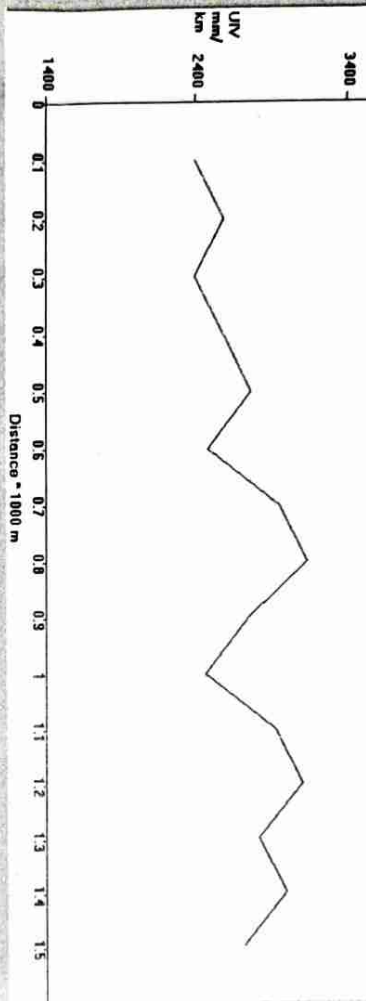
Test Date : 22-05-2023
 Machine No : 402
 Start S No :
 Start E No :
 Weather :
 Start Location :
 End Location :
 Road Name : MD TOLA JAGDISHPUR
 Road Type : (R) RURAL ROAD
 Side :
 UV Range : 1400 To 4000 Interval 1000 mm/μm
 Dist Range : 0 To 16 0.1 1000 m
 Equation : $Y = 0 \cdot X^2 + 2 \cdot 0.969 \cdot X + 74.60$

Print Generate Report and Graph

Redraw Graph

Map View

File : E:\BUMP MACHINE\22-23\solanki\jagdishpur\220523052.docx Section No. 52. Eqn : $Y = 0 \cdot X^2 + 2 \cdot 0.969 \cdot X + 74.60$
 Name of Customer : M/S Solanki Construction. Name of Work/ Road : MANDHUAULA JAGDISHPUR ROAD - TOLA



Dr. 24/5/23

21/6/23

03/06/23

Name of Work:- MANJHAULIA JAGDISHPUR ROAD - TOLA JAGARNATHPUR Part (B)

Name of Agency:- M/S Solanki Construction

Date	Time	Section	Length in km	Bumps in mm	Speed Rate	OR mm/km	IRI mm/km	CATEGORY ROAD	Latitude	Longitude	Event
22/5/23	12:09:12	52	0.1	240	10.1	2400	2400	G	26.73841575	84.58874708	Normal
22/5/23	12:09:12	52	0.1	260	10.1	2600	2593	G	26.73808037	84.58901529	Normal
22/5/23	12:10:13	52	0.1	240	10.1	2400	2400	G	26.73727547	84.58951952	Normal
22/5/23	12:10:26	52	0.1	260	10.1	2600	2593	G	26.73672928	84.58992719	Curve
22/5/23	12:10:43	52	0.1	280	10.1	2800	2787	G	26.7365185	84.58939072	Normal
22/5/23	12:11:18	52	0.1	250	10.1	2500	2497	G	26.73609692	84.58891861	Normal
22/5/23	12:12:00	52	0.1	300	10.1	3000	2981	G	26.73567533	84.58861817	Normal
22/5/23	12:12:18	52	0.1	320	10.1	3200	3175	G	26.73502379	84.58783492	Normal
22/5/23	12:13:34	52	0.1	280	10.1	2800	2787	G	26.7346118	84.58711607	Curve
22/5/23	12:13:43	52	0.1	250	10.1	2500	2497	G	26.73428603	84.58645087	Normal
22/5/23	12:14:05	52	0.1	300	10.1	3000	2981	G	26.73388362	84.5856462	Curve
22/5/23	12:15:25	52	0.1	320	10.1	3200	3175	G	26.73384531	84.58446604	Normal
22/5/23	12:15:25	52	0.1	290	10.1	2900	2884	G	26.73420943	84.58350046	Normal
22/5/23	12:16:18	52	0.1	310	10.1	3100	3078	G	26.73436274	84.58322151	Normal
22/5/23	12:16:18	52	0.1	280	10.1	2800	2787	G	26.73460229	84.58267435	Normal
Total									41615		
Average									2774.333333		

$$Y = 0 * X^2 + 0.969 * X + 74.60$$

X = 2800

$$Y = 2787$$

(R) RURAL ROAD

Good Average Poor

<4000 4001-5000 >5001

22/5/23
JL

22/5/23
JL

22/06/23
EE

Name of Customer:
 Name of Work/ Road:
 Lab Job number:
 Date:
 Section No.

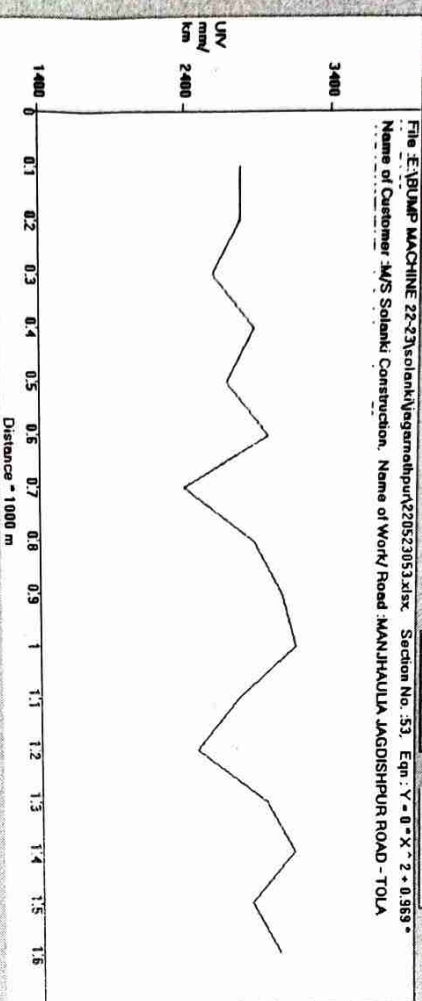
Test Date:
 Machine No.:
 Start S No.:
 Start E No.:
 Weather:
 Start Location:
 End Location:
 Road Name:
 Road Type:
 Side:
 UV Range: To Interval
 Dist Range: To m
 Equation: $Y = 0 \cdot X^2 + 0.959 \cdot X + 74.60$

Print

Generate Report and Graph

Redraw Graph

Map View



Handwritten signature
 22/5/23

Handwritten signature
 21/5/23

Handwritten signature
 03/06/23
 EK

Name of Work—
 Situation of Work—
 Agency by which work is executed—
 Date of Measurement—
 No. and date of agreement

(These four lines should be repeated at the commencement of the measurement relating to each work)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
name of work. Const of road from					
varjavalva Jangalshpur Road to					
Jangalshpur.					
Agency - M/S Solanki Construction					
Agreement No - 34/MS/3084/2022-23					
Date of start - 10/10/2022					
Date of Completion 13.07.2023					

Record Book					
(1) clearing & grubbing					
of road/land -					
2 x 20 x 30.00 x 1.00 =					1200.00
2 x 20 x 30.00 x 1.05 =					1260.00
2 x 20 x 30.00 x 0.95 =					1140.00
2 x 20 x 30.00 x 0.80 =					960.00
2 x 20 x 30.00 x 1.20 =					1440.00
2 x 20 x 30.00 x 1.10 =					1320.00
2 x 20 x 30.00 x 0.90 =					1080.00
2 x 20 x 30.00 x 1.15 =					1380.00
2 x 20 x 30.00 x 0.85 =					1020.00
2 x 20 x 30.00 x 1.00 =					1200.00
2 x 8 x 30.00 x 1.00 =					480.00

Continuation of 12480.00

Qty : 1.248 Hect

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
for foundation - do -					
23.64 m ²		width	length - (17)		
21.21 m ²		width	length - (19)		
45.35 m ²					
20 9404.16 / m ²					426429
for Boundary behind					
abutment - do -					
17.26 m ²		width	length - (20)		
24 4066.29 / m ²					72217
abutment - do -					
28 m ²		width	length - (20)		
24 129.69 / each					3631
for supplying ditch &					
plying with bar					
1.861 m ²		width	length - (18)		
1.848 m ²		width	length - (18)		
1.709 m ²					
24. 75227.48 / m ²					205227
for Cost of subgrade					
& northern shoulder					
5998.50 m ²		width	length - (21)		
24 243.57 / m ²					1461055

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Planting of trees by road side					
2400 m ² made P. 20.10.12					
2400 m ² 1011.06/1000				14	242654
				2.28146155	
2400 m ² 12.11.12				14	3577539
2400 m ² 1.12.12				14	281462
2400 m ² 1.12.12				14	322087
				14	32127243
2400 m ² 1.12.12				14	5213
				14	32126030

28/09/23	31/12/23	AG
J.E		
Material used		
Forth more		5998.50 m ²
Stone material - 53 mm		3261088 m ²
9.5 mm		130.435 m ²
53 mm		704.442 m ²
63 mm		430.309 m ²
Crushed sand		195.653 m ²
cc. material		235743 m ²
Binding materials		28.450 m ²
Stone chips - 90 mm		640.350 m ²
10 mm		689.146 m ²

Continuation