

M/sekamei — Musnagar Magawadi Path to Suddha (0.40 km)
M/cont — Patta Patta Infra construction Rt 47 —

Measurement Book

Schedule XLV-Form No. 134

MBMS: — 14/SBD/2019-20

MBMS: — 21/2019

DIVISION

SUB-DIVISION

MBMS: — 1134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2nd of 8 Fungal Bit					
Name of work: Specimen Report with five years Maint of road from					
Muchapari Masauri both to					
Sewidha (Pkg No- MK-11/19-20,					
Masauri/01) in Dhanarao					
Block					
N/Contractor: Satyapala Gupta Const. Pvt					
Agreed	14/5/20/2019-20				
Start date	2/11/2019				
Int. dt of Comp	01/8/2020				
Time Extension granted upto	15/6/2021				
Actual dt of Comp done	28/5/21				

Further Measurement — Nil.

ABSTRACT OF COST

(1) Clearing & grubbing road
land. — — — — —

Qty note. P/g

= 0.082 Hect

@ 49521 = 68/Hect — 4061.4

(2) Const of Sub grade & shoulder
do do — — — — —

Qty note P/g

= 393.64 M³

@ 16123/M³ Continuation — 63467.4

67,528.4

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(3/3) Const ⁿ of G.S.O. Gr. II					
Qty vide P/g					
= 13.31 m ³					
@ 1835 = 61/m ³					₹ 21,432.5
(4/4) Const ⁿ of W.B.M. Gr. II					
do — do — comp. 01					
Qty vide P/g					
= 10.59 m ³					
@ 3422 = 57/m ³					₹ 36245.4
(5/5) Const ⁿ of W.B.M. Gr. III					
do — do — comp. 02					
Qty vide P/g					
= 15.78 m ³					
@ 3184 = 81/m ³					₹ 50,256.00
(6/6) P/R apply p. for m ²					
Cost — do — 40					
Qty vide P/10					
= 210.40 m ²					
@ 41 = 83/m ²					₹ 8,801.00
(7/7) P/R Lay p. roller p					
M.S.S. Type 'B' — do					
Comp. 003					
Qty vide P/10					
= 210.40 m ²					
@ 185 = 34/m ²					₹ 38,996.00
(8/8) P/R apply p. Take Cost					
do — do — comp. 00					
Qty vide P/10					
= 1756.65 m ²					
@ 14 = 19/m ²					₹ 24,927.00

Continuation

₹ 251,185.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(9/9) Pvc Loop			SD 03 C.		
Type of	do				
Comp. of	as per			- 010	
	Q/17 note P/10				
	= 39.56 m ³				
	@ 88.33: 81/m ³				2349,466
(10/10) Pvc RCE M-15 KM					
Stone					
	Q/17 note P/11				
	= 2 m ³				
	@ 2151:57 each				4303.2
(11/11) Pvc 200 M. Stone (RCE M-15)					
	Q/17 note P/11				
	= 2 m ³				
	@ 609:40 each				1219.2
(12/12) Pvc Directional place.					
Identification Board					
	Q/17 note P/11				
	= 1.92 m ²				
	@ 11627:01/m ²				22324.2
(13/13) Pvc 600 mm. Equilateral					
Triangle	as per				
	5 Nos Q/17 note P/11				
	3 Nos (Q/17 note P/14)				27328.00
	= 8 Nos @ 3415:56 each				27328.00
(14/15) 600 mm. Circular T&P					
	Q/17 note P/11				
	= 6 Nos				
	@ 4605:92 each				27636.2
Continuation					
					27636.2
					27636.2

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(15/16) for 600 x 450 mm size Rectangular Tiles Qty note 8/11 = 4 Nos @ 4484/- each — ₹ 17936/-					
(17/17) Thermo plastic floor for 2500 cm x 700 cm Qty note 8/11 = 17.50 m ² @ 735/- 75/m ² — ₹ 14347/-					
(17/18) Road strips 600 mm x 100 mm Qty note 8/11 = 65.00 m ² @ 221/- 04/m ² — ₹ 14368/-					
(18/19) 100 x 100 mm w/ Boundary Tiles Qty note 8/12 = 12 Nos @ 500/- 37 each — ₹ 6,004/-					
(19/20) Pre lay-up hot applied Thermo Plastic Compound 2.5 mm thick Qty note 8/12 = 82.00 m ² @ 735/- 75/m ² — ₹ 60332/-					
(20/22) 100 x 100 mm 3052 mm Imitation Board with logs Qty note 8/12 = 3 Nos @ 11844/- 93 each — ₹ 35,535/-					

Continuation

~~₹ 8,21,583/-~~
₹ 8,31,983/-

821735

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2/23) P.C. m (1:4)					
m C.D. for m.p. -					
Rt. side 6/12					
= 2.88 m ²					
@ 7465/-/m ²					2 91560/-
22/24) P.C. C.P. (1:4) -					
Rt. side 9/12					
= 20.16 m ²					
@ 171-68/m ²					2 3461/-
3/25) P.V. painting two coat					
on parapet -					
Rt. side 8/13					
= 20.16 m ²					
@ 95-63/m ²					2 1928/-
					2 6,58,872/-
					2 8,48,624/-
24/31) Deduct 1% Lab. Chg.					2 8,589/-
					2 8486/-
25/32) Add 12% G.S.T.					2 1,03,865/-
					2 9,70,526/-
					2 10,74,391/-
Less 6.22% Asper betw (-)					2 60367/-
					2 59,646/-
					2 8,99,299/-
					2 9,10,159/-
Less Previous Payment (-)					2 864170/-
Payable -					2 45989/-
(Rupees Fourty five thousand nine hundred & eighty nine) only					
19/12/21 SE 16/01/21 AB					

कार्यपालक अभियन्ता का कार्यालय,
ग्रामीण कार्य विभाग, कार्य प्रमण्डल, मसौढ़ी।

पत्रांक— 588 (अ.क.) मसौढ़ी, दिनांक 09/09/2021

प्रेषक,

कार्यपालक अभियन्ता
ग्रामीण कार्य विभाग, कार्य प्रमण्डल, मसौढ़ी।

सेवा में,

नोडल पदाधिकारी,
New Maintenance Policy 2018
ग्रामीण कार्य विभाग,
बिहार, पटना।

विषय:— New Maintenance Policy 2018 के तहत चल रहे कार्यों हेतु अधियाचना के संबंध में।

महाशय,

उपर्युक्त विषय के संबंध में इस प्रमण्डल के अंतर्गत New Maintenance Policy 2018 के कार्य हेतु विहित प्रपत्र में पथ-वार निधि की अधियाचना की गई है जिसकी कुल राशि 24,47,199/- रुपये है।

अतः विषयांकित मद में इस प्रमण्डल अन्तर्गत कुल 24,47,199/- (चौबीस लाख सैतालीस हजार एक सौ निनानवे रुपये) मात्र का आवंटन करने की कृपा की जाये।

विश्वासभाजन

अनु०:— यथोक्त।

कार्यपालक अभियन्ता,
ग्रामीण कार्य विभाग, कार्य प्रमण्डल, मसौढ़ी।
09/09/2021

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

Division - Masaurhi

Road Details			A A Details				Agreement Details				Actual Completion Date DD/MM/YY	Value of IRI (in MM/Km)	Thickness of Bitumen Layer (in mm)	Value of Bitumen Content in Percentage	Previous Allotment Total (Lac)	Expenditure (Lac)	Value of Measurement (in Lacs)	Current Demand (in Lacs) (20-18)	Remark
Sl No.	Road Name	Batch No.	Project ID	Main Work Amount	Maintenance Amount	Total Amount	Total Length	AA Date	Main Work Amount	Maintenance Amount	Date Of Completion	Ref.No.							
1	MUSNAPAR MASAUDHI PATH - MAHAULI (BR-26R-265)	3	10100402043	46.76	17.368	68.804	1.79	24-Jun-19	49.14479	16.46884	1-Aug-20	Supp 14/SBD/19-2020	15	16	18	19	20	21	On-going
2	MUSNAPAR MASAUDHI PATH - SEVDAHA (BR-26R-259)	3	10100402047	16.018	4.02	21.6398	0.47	24-Jun-19	10.15400	3.58885	1-Aug-20	Supp 14/SBD/19-2020	3.1325	25mm	8.64170	8.64170	9.10159	0.45989	On-going
3	NADAWAN OIYARA - KASHINAGAR (BR-26R-248)	3	10100402059	46.27	16.323	67.22	1.73	24-Jun-19	43.33156	13.9298	1-Aug-20	Supp 14/SBD/19-2020	3.332778	25mm	36.77800	36.77800	41.43519	4.65719	On-going
4	Spm Road to Blergawan (BR2601)	3	10100402134	-40.085	15.448	59.5415	1.5	24-Jun-19	54.03204	13.35837	1-Aug-20	Supp 14/SBD/19-2020	3.408667	25mm	11.71600	11.71600	50.40134	18.68514	On-going
	Total			149.133	53.159	217.2053	5.49		156.66239	47.3486					115.4327	115.4327	139.90469	24.47199	

1. Signed Hard Copy and Soft copy (in Excel) of recorded IRI is Enclosed
2. Up to Date Physical Progress has been Uploaded in MIS

09.09.2021
R.D., Works
Division Masaurhi

09/09/2021
EXECUTIVE ENGINEER
RURAL WORKS DEPARTMENT
WORKS DIVISION, MASAU RH

DIVISION : MASAUHI

BLOCK : DHANARUA

Date	Time	Section	Length in km	Bumps in mm	Speed Rate	OR mm/km	UIV mm/km	CATEGORY	IRI	Latitude	Longitude	Event		
8/5/21	8:46:0	89	0.1	200	0	2000	2150	ROAD	2.99	25.35635	85.11847	Normal	$Y = 0 \cdot X^2 + 0.936 \cdot X + 273.4$	
8/5/21	8:46:10	89	0.1	200	30.3	2000	2150	G	2.99	25.35733	85.118568	Normal	X = 2556	
8/5/21	8:46:20	89	0.1	160	30.3	1600	1776	G	2.52	25.35822	85.118687	Normal	Y = 2670	
8/5/21	8:46:35	89	0.1	200	20.2	2000	2150	G	2.99	25.35866	85.11936	Curve		
8/5/21	8:47:45	89	0.1	280	30.3	2800	2899	G	3.9	25.35941	85.11978	Normal	(R) RURAL ROAD	
8/5/21	8:48:20	89	0.1	260	30.3	2600	2712	G	3.68	25.36023	85.1201	Normal	Good	Average
8/5/21	8:49:0	89	0.1	300	10.1	3000	3086	G	4.13	25.36083	85.120773	Speed Breaker	<4000	Poor
8/5/21	8:50:16	89	0.1	310	20.2	3100	3180	G	4.24	25.36149	85.121328	Curve		
8/5/21	8:51:0	89	0.1	310	30.3	3100	3180	G	4.24	25.36111	85.122238	Normal		
8/5/21	8:51:17	89	0.1	360	30.3	3600	3648	G	4.79	25.36094	85.123198	Normal		
8/5/21	8:51:37	89	0.1	190	30.3	1900	2056	G	2.87	25.36041	85.123938	Normal		
8/5/21	8:51:57	89	0.1	190	30.3	1900	2056	G	2.87	25.35996	85.124813	Normal		
8/5/21	8:52:10	89	0.1	170	30.3	1700	1869	G	2.64	25.35956	85.125655	Normal		
8/5/21	8:52:30	89	0.1	180	20.2	1800	1963	G	2.76	25.35886	85.126312	Curve		
8/5/21	8:52:50	89	0.1	210	30.3	2100	2244	G	3.11	25.35845	85.12707	Normal		
8/5/21	8:54:13	89	0.1	300	30.3	3000	3086	G	4.13	25.35801	85.126278	Normal		
8/5/21	8:55:0	89	0.1	320	30.3	3200	3273	G	4.35	25.35804	85.12648	Normal		
8/5/21	8:55:24	89	0.09	230	30.3	2556	2670	G	3.63	25.35806	85.127238	Normal		
TOTAL			1.79	4370	464.6	43956	46148		62.83	456.4659	1532.210286			
AVERAGE						2442	2563.778		3.490556					

forward
8/5/21
Assistant Engineer
R.V.D. Sub-Division, Dhanarua

Appl
8/5/21
Executive Engineer
R.V.D. Works Div. Masaurhi

Name of Customer : PATLIPUTRA INFRA CONST
 Name of Work/ Road : MUSNAPAR MASAUHUPATH
 Lab Job number :
 Date : 08/05/2021
 Section No. : 89

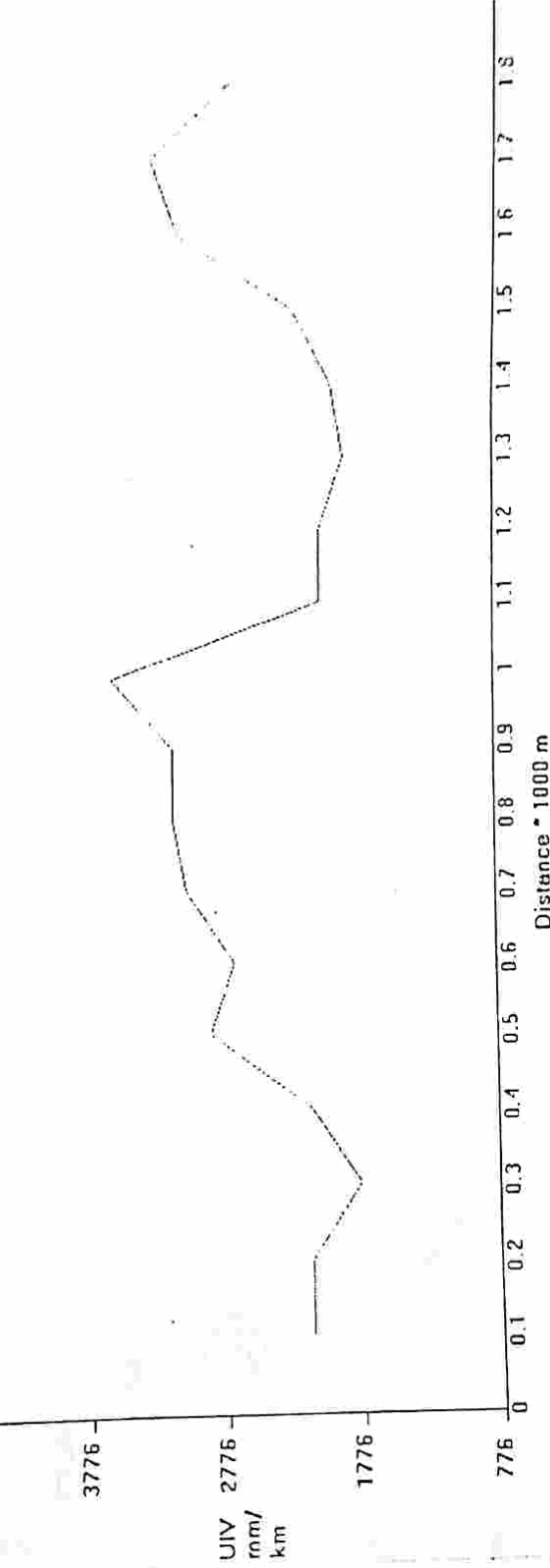
Test Date : 08/05/2021 Road Name : PATLIPUTRA INFRA CONST
 Machine No :
 Road Type : (R) RURAL ROAD
 Side :
 Interval :
 UIV Range : 7% To 5000 mm/km
 Dist Range : 0 To 19 0.1
 Start Location :
 End Location :
 Equation : $Y = 0.936 \cdot X^2 + 278.4$

Print Generate Report and Graph

Redraw Graph Map View

File : C:\Users\SHAZ\Desktop\89 Xls. Section No. 89. Eqn : $Y = 0.936 \cdot X^2 + 278.4$

Name of Customer : PATLIPUTRA INFRA CONST PVT LTD. Name of Work/Road : MUSNAPAR MASAUHUPATH



Apur
8/5/21
 Executive Engineer
 R.W.D. Works Div. Masaurhi

Name

NAME OF THE ROAD : MUSNAPAR MASAUHRI PATH TO SEWDHA

LENGTH OF THE ROAD : 0.40 KM

PACKAGE NO. : MR-N/19-20/MASAUHRI/01

DIVISION : MASAUHRI

BLOCK : DHANARUA

AGENCY : PATLIPUTRA INFRA CONSTRUCTION PVT LTD

Date	Time	Section	Length	Bumps	Speed	OR	UIV	CATEGORY	IRI	Latitude	Longitude	Event	Y = 0 * X ^ 2 + 0.936 * X + 278.4	
		No.	in km	in mm	Rate	mm/km	mm/km	ROAD					X = 2700	
8/5/21	9:31:0	90	0.1	230	0	2300	2431	G	3.34	25.39628	85.15707	Normal	Y = 2805	
8/5/21	9:31:23	90	0.1	170	30.3	1700	1869	G	2.64	25.396528	85.156127	Normal		
8/5/21	9:31:53	90	0.1	180	30.3	1800	1963	G	2.76	25.396698	85.15512	Normal		
8/5/21	9:32:20	90	0.1	270	30.3	2700	2805	G	3.79	25.39693	85.154123	Normal	(R) RURAL ROAD	
TOTAL			0.4	850	90.9	8500	9068		12.53	101.586436	340.62244		Good	Average
AVERAGE						2125	2267		3.1325				<4000	4001-5000
													>5001	Poor

Approved
8/5/21
Assistant Engineer
R.W.D. Sub-Division, Dhanarua

Approved
8/5/21
Executive Engineer
R.W.D. Works Div. Masaurhi

PATLIPUTRA INFRA CONST

Constructor: *Musnapar Masaurhi Path*
 Repair of: *road*

Lab Job number

Date: 03-05-2021

Section No. 93

Print Generate Report and Graph

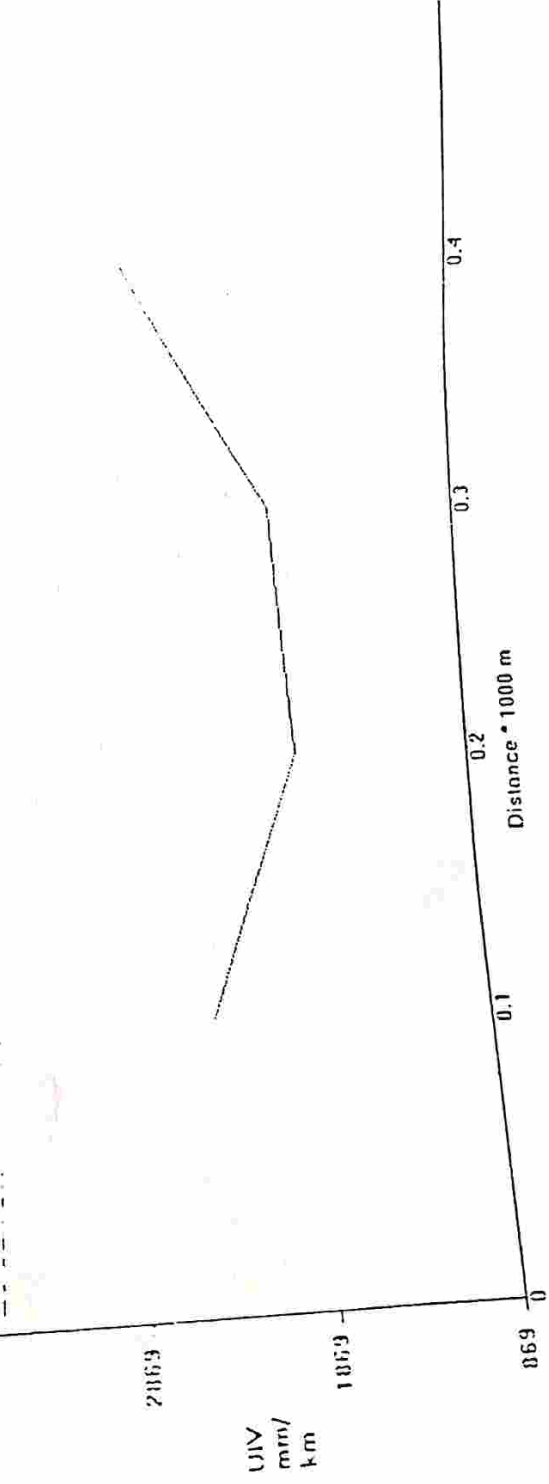
Redraw Graph

Map View

File: C:\Users\SHAZI\Desktop\90 Xls. Section No.: 90. Eqp.

Name of Customer: PATLIPUTRA INFRA CONST PVT LTD. Name of Work/Road: MUSNAPAR MASAUHRI PATH

Test Date:	03-05-2021	Road Name:	MUSNAPAR MASAUHRI PATH
Machine No:		Road Type:	(R) RURAL ROAD
Start S No:		Side:	
Start E No:		Interval	
Weather:		UV Range:	859 To 4000 mm/km
Start Location:		Dist Range:	0 To 0.5
End Location:		Equation:	0.1 * 1000 m



Apur
Executive Engineer
 R.W.D. Works Div. Masaurhi

DIVISION : MASAUH

BLOCK : DHANARUA

AGENCY : PATLIPUTRA INFRA CONSTRUCTION PVT LTD

Date	Time	Section No.	Length in km	Bumps in mm	Speed Rate	OR mm/km	UIV mm/km	CATEGORY ROAD	IRI	Latitude	Longitude	Event		
8/5/21	9:59:0	92	0.1	220	0	2200	2337	G	3.22	25.426357	85.136127	Normal	$Y = 0 \cdot X^2 + 0.936 \cdot X + 278.4$	
8/5/21	9:59:10	92	0.1	210	30.3	2100	2244	G	3.11	25.42722	85.136328	Normal	$X = 3100$	
8/5/21	9:59:20	92	0.1	200	30.3	2000	2150	G	2.99	25.428113	85.13677	Normal	$Y = 3180$	
8/5/21	9:59:30	92	0.1	260	30.3	2600	2712	G	3.68	25.429	85.137053	Normal		
8/5/21	9:59:40	92	0.1	210	20.2	2100	2244	G	3.11	25.429872	85.137288	Curve	(R) RURAL ROAD	
8/5/21	9:59:50	92	0.1	250	30.3	2500	2618	G	3.56	25.43018	85.136347	Normal	Good	Average
8/5/21	10:0:5	92	0.1	250	30.3	2500	2618	G	3.56	25.430598	85.135487	Normal	<4000	>5000
8/5/21	10:0:15	92	0.1	220	30.3	2200	2337	G	3.22	25.430985	85.134477	Normal		
8/5/21	10:0:25	92	0.1	200	30.3	2000	2150	G	2.99	25.43146	85.133635	Normal		
8/5/21	10:0:41	92	0.1	310	30.3	3100	3180	G	4.24	25.431893	85.13281	Culvert		
8/5/21	10:0:51	92	0.1	220	30.3	2200	2337	G	3.22	25.432277	85.131835	Normal		
8/5/21	10:1:0	92	0.1	200	30.3	2000	2150	G	2.99	25.432645	85.130958	Normal		
8/5/21	10:1:16	92	0.1	200	30.3	2000	2150	G	2.99	25.433002	85.13003	Normal		
8/5/21	10:1:36	92	0.1	200	20.2	2000	2150	G	2.99	25.433432	85.129275	Curve		
8/5/21	10:1:51	92	0.1	280	10.1	2800	2899	G	3.9	25.434202	85.129393	Speed Breaker		
8/5/21	10:2:0	92	0.1	200	30.3	2000	2150	G	2.99	25.434555	85.128502	Normal		
8/5/21	10:2:20	92	0.1	200	30.3	2000	2150	G	2.99	25.434293	85.127457	Normal		
8/5/21	10:2:47	92	0.03	310	30.3	3100	3180	G	4.24	25.433705	85.126885	Normal		
TOTAL			1.73	4140	474.7	41400	43756		59.99	457.76379	1532.390657			
AVERAGE						2300	2430.889		3.332778					

Approved
8/5/21
Executive Engineer
R.W.D. Works Div. Masaurhi

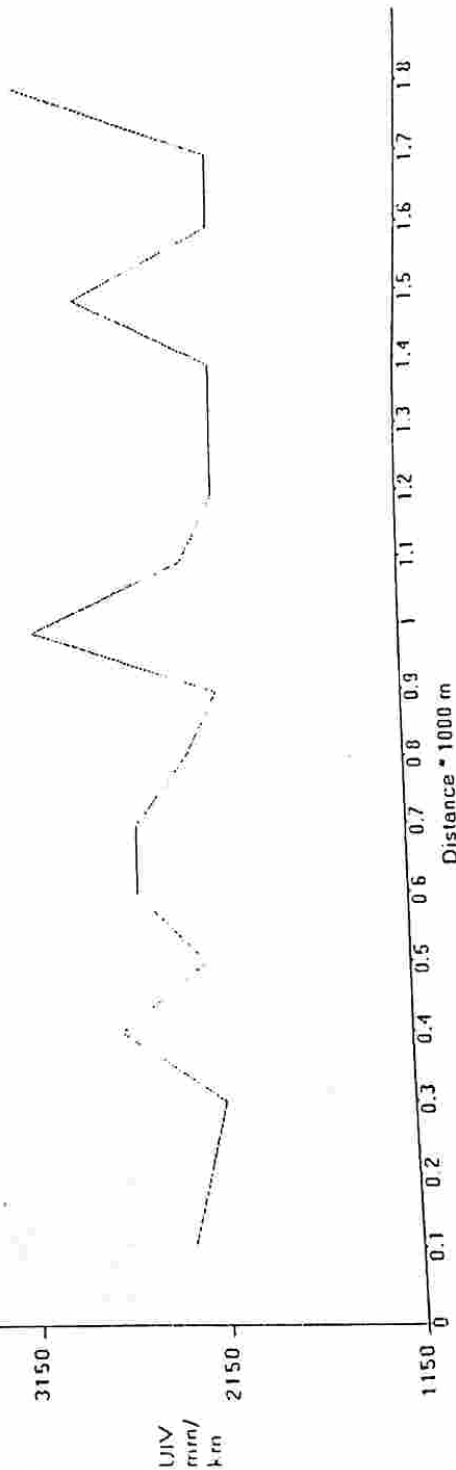
Name of Customer : PATIL PUTRA INFRA CONST E
 Name of Work/ Road : NADAWAN CH,ARA ROAD TC
 Lab Job number :
 Date : 08-05-2021
 Section No : 32

Test Date : 08-05-2021
 Machine No :
 Start S No :
 Start E No :
 Weather :
 Start Location :
 End Location :
 Road Name : ROAD FROM D TO KASHI KADAR
 Road Type : (R) RURAL ROAD
 Side :
 UV Range : 1150 To 4000
 Dist Range : 0 To 1.9
 Equation :
 Interval : 1000 mm/km
 • 1000 m

Print Generate Report and Graph

Redraw Graph Map View

File : C:\Users\SHAZINDesktop\92.Xls, Section No. 32, Eqn :
 Name of Customer : PATILPUTRA INFRA CONST PVT LTD, Name of Work/ Road NADAWAN CH,ARA ROAD TO



APR 8/5/21
 Executive Engineer
 R.W.D. Works Div. Masaurhi

Date	Time	Section	Length	Bumps	Speed	OR	UIV	CATEGORY	IRI	Latitude	Longitude	Event		
		No.	in km	in mm	Rate	mm/km	mm/km	ROAD						
8/5/21	11:46:20	95	0.1	270	0	2700	2805	G	3.79	25.350772	85.91665	Curve		
8/5/21	11:46:40	95	0.1	190	30.3	1900	2056	G	2.87	25.350335	85.92542	Normal		
8/5/21	11:47:0	95	0.1	180	30.3	1800	1963	G	2.76	25.34977	85.93232	Normal		
8/5/21	11:47:20	95	0.1	180	30.3	1800	1963	G	2.76	25.348837	85.93198	Normal		
8/5/21	11:47:40	95	0.1	290	20.2	2900	2992	G	4.01	25.348003	85.92945	Culvert		
8/5/21	11:48:6	95	0.1	270	30.3	2700	2805	G	3.79	25.347572	85.92137	Normal		
8/5/21	11:48:26	95	0.1	240	30.3	2400	2524	G	3.45	25.346645	85.92037	Normal		
8/5/21	11:48:36	95	0.1	230	20.2	2300	2431	G	3.34	25.34582	85.92153	Curve		
8/5/21	11:48:51	95	0.1	210	30.3	2100	2244	G	3.11	25.345477	85.9276	Normal		
8/5/21	11:49:11	95	0.1	190	30.3	1900	2056	G	2.87	25.344445	85.92677	Normal		
8/5/21	11:49:30	95	0.1	250	10.1	2500	2618	G	3.56	25.343475	85.92558	Speed Breaker		
8/5/21	11:49:46	95	0.1	270	20.2	2700	2805	G	3.79	25.342635	85.92642	Curve		
8/5/21	11:50:10	95	0.1	280	30.3	2800	2899	G	3.9	25.34182	85.9271	Normal		
8/5/21	11:50:27	95	0.1	240	30.3	2400	2524	G	3.45	25.34094	85.92473	Normal		
8/5/21	11:50:47	95	0.1	260	30.3	2600	2712	G	3.68	25.34065	85.92423	Normal		
TOTAL			1.5	3550	373.7	35500	37397		51.13	380.187146	1288.88152			
AVERAGE						2366.667	2493.133		3.408667					

Approved
8/5/21

Assistant Engineer
R.W.D. Sub-Division, Dhanarua

Approved
8/5

Executive Engineer
R.W.D. Works Div. Masaurhi

Name of PATIENT/REFERRING CLINIC:

Name of Customer

Name of Work/ Road:

Lab Job number

Date:

Section No.

Road Name: SFM RD TO B-HERP AVENUE

Machine No.:

Road Type: (R) RURAL ROAD

Start S No.:

Side :

Start E No: _____

Weather :

English and

Start Location :

Distance:

End Location :

Equation :

Map View

Redraw Graph

1. Introduction

Print

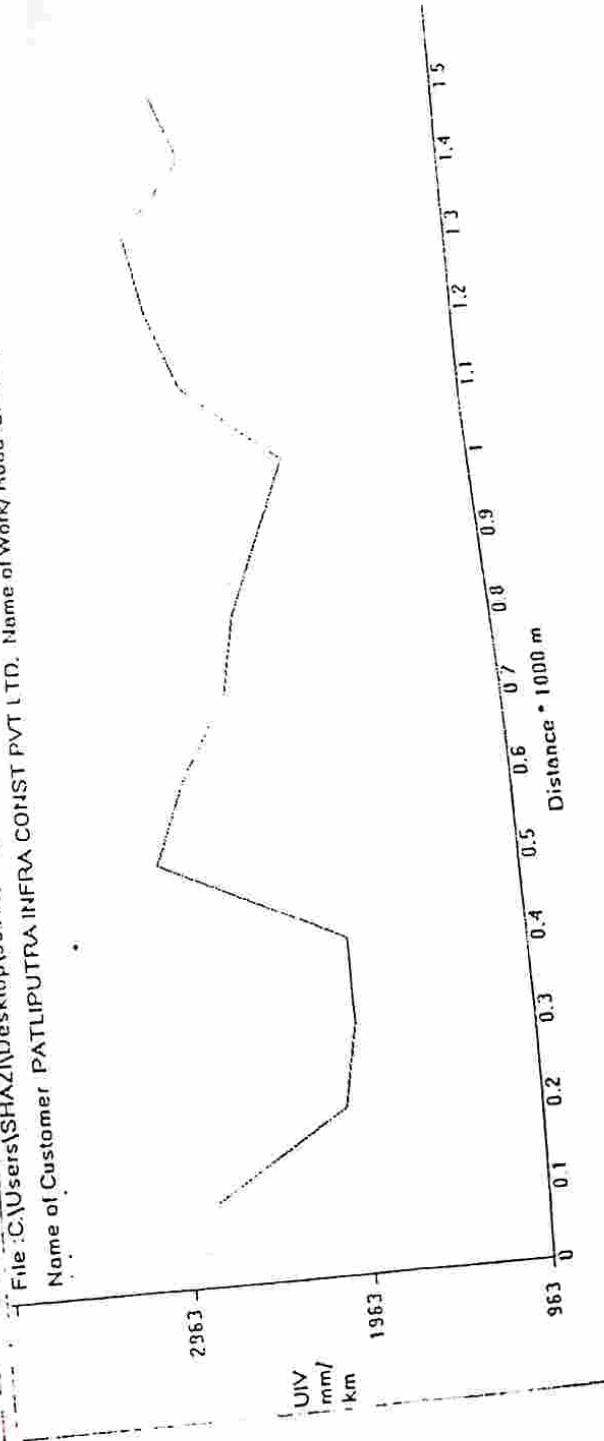
Generate Report and Graph

Section No. 95, Egn

TO BHERGAWAN, Lab

File : C:\Users\SHAZI\Documents\...

Name of Customer PATLIPUTIMAN



Appl
415
Executive Engineer
R.W.D. Works Div. Masaurhi