

प्रमाणित किया जाता है कि
मापी पुल में मशीन टैंकीन 100 वी
से पुल है जिसे श्री अमानन्द
अभिनाथ 10 अर 21 की कार्य
विभाग कार्य अर 10 अर 21
के पदनाम से निर्माण किया गया
है

Vijay
कार्यपालक अभियन्ता
समीक्षक कार्य विभाग
कार्य प्रमण्डल पकडीदयाल
10.7.20

Sch. XLV - Form No. 134

R-W-D PAKRIDAVAL DIVISION

R-W-D DATAHI SUB-DIVISION

Measurement Book

No. 854

Name _____

Date of first entry _____

Date of last entry _____

1st on A/c Bill

Name of Work-

1

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					
PWD Shikarganj Patthi Road to					
Balua Tulphikgaohad.					
Under - MR 3054 (M/M - P. 2018)					
Block - Patthi				length - 1.000 km	
Agency - M/S Sumon Transmission					
C/O Anushant Kumar Karthik					
Bansaraker, Patthi					
East Champaran.					
Agreement No - 18 MAB/2019-20					
Date of work order - 24.01.2020					

Date of Completion - ~~23.01.2021~~ 23.10.2020

Actual date of completion - 17/01/2021

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Item of work					
1. Clearing and Grubbing					
road level					
2 x 10 no x 30m x 0.700					= 420.00 m ²
2 x 10 no x 30m x 0.700					= 420.00 m ²
2 x 10 no x 30m x 0.700					= 420.00 m ²
2 x 3 no x 30m x 0.700					= 126.00 m ²
2 x 1 no x 10m x 0.700					= 14.00 m ²
				T =	1400.00 m ²
				or -	0.14 Hect.

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2. Const. 9. G.S.B by plv					
well grained material					
for C.M.D					
1 x 5.10 x 1.80 x 0.100					0.91 m ³
3 x 4.00 x 1.50 x 0.100					1.80 m ³
2 x 4.50 x 1.10 x 0.100					0.99 m ³
4 x 3.60 x 1.20 x 0.100					1.72 m ³
2 x 2.30 x 1.80 x 0.100					0.82 m ³
3 x 1.90 x 2.10 x 0.100					1.19 m ³
2 x 4.10 x 1.60 x 0.100					1.31 m ³
3 x 3.90 x 1.20 x 0.100					1.40 m ³
2 x 2.80 x 2.10 x 0.100					1.17 m ³
3 x 1.60 x 1.00 x 0.100					0.48 m ³
5 x 1.20 x 0.60 x 0.100					0.36 m ³
2 x 3.00 x 2.50 x 0.100					1.50 m ³
2 x 4.00 x 1.50 x 0.100					1.20 m ³
3 x 2.00 x 1.00 x 0.100					0.60 m ³
5 x 1.00 x 0.75 x 0.100					0.37 m ³
3 x 4.20 x 1.80 x 0.100					2.26 m ³
4 x 2.80 x 2.10 x 0.100					2.35 m ³
5 x 3.10 x 1.90 x 0.100					2.94 m ³
8 x 1.90 x 1.50 x 0.100					2.28 m ³
9 x 2.15 x 1.20 x 0.100					2.32 m ³
					T. 27.97 m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
3. P/V laying, slopping and connecting of WBM					
11					
1 x 5.25 x 1.95 x 0.075					0.76 m ³
3 x 4.15 x 1.65 x 0.075					1.54 m ³
2 x 4.65 x 1.25 x 0.075					0.87 m ³
4 x 3.75 x 1.35 x 0.075					1.51 m ³
2 x 2.45 x 1.95 x 0.075					0.71 m ³
3 x 2.05 x 2.25 x 0.075					1.03 m ³
2 x 4.25 x 1.75 x 0.075					1.11 m ³
3 x 2.05 x 1.35 x 0.075					1.23 m ³
2 x 2.75 x 2.25 x 0.075					0.97 m ³
3 x 1.75 x 1.15 x 0.075					0.45 m ³
5 x 1.35 x 0.75 x 0.075					0.37 m ³
2 x 3.15 x 2.65 x 0.075					1.25 m ³
2 x 4.15 x 1.65 x 0.075					1.02 m ³
3 x 2.15 x 1.15 x 0.075					0.55 m ³
5 x 1.15 x 0.90 x 0.075					0.38 m ³
3 x 4.35 x 1.75 x 0.075					1.90 m ³
4 x 2.75 x 2.25 x 0.075					1.99 m ³
5 x 3.25 x 2.05 x 0.075					2.49 m ³
8 x 2.05 x 1.65 x 0.075					2.02 m ³
7 x 2.30 x 1.35 x 0.075					2.09 m ³
7 x 3.05 x 1.80 x 0.075					3.70 m ³
				T-	27.96 m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
4. PIV laying spreading and compacting for 13M					
G.II					
4 no x 3.70 x 2.40 x 0.075					2.66 m ³
5 no x 2.90 x 2.10 x 0.075					2.28 m ³
1 no x 5.40 x 1.10 x 0.075					0.85 m ³
3 no x 4.30 x 1.80 x 0.075					1.74 m ³
2 no x 4.80 x 1.40 x 0.075					1.00 m ³
4 no x 3.90 x 1.50 x 0.075					1.75 m ³
2 no x 2.60 x 1.10 x 0.075					0.81 m ³
3 no x 2.20 x 2.40 x 0.075					1.18 m ³
2 no x 4.40 x 1.90 x 0.075					1.25 m ³
3 no x 4.20 x 1.50 x 0.075					1.41 m ³
2 no x 3.10 x 2.40 x 0.075					1.11 m ³
3 no x 1.90 x 1.30 x 0.075					0.55 m ³
5 no x 1.50 x 0.90 x 0.075					0.50 m ³
2 no x 3.30 x 2.80 x 0.075					1.98 m ³
2 no x 4.30 x 1.80 x 0.075					1.16 m ³
3 no x 2.30 x 1.30 x 0.075					0.67 m ³
5 no x 1.30 x 1.05 x 0.075					0.51 m ³
3 no x 4.50 x 2.10 x 0.075					2.12 m ³
4 no x 3.10 x 2.40 x 0.075					2.23 m ³
5 no x 3.40 x 2.20 x 0.075					2.80 m ³
8 no x 2.20 x 1.80 x 0.075					2.37 m ³
7 no x 2.45 x 1.50 x 0.075					2.48 m ³
9 no x 3.20 x 1.95 x 0.075					4.21 m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	3 no	4.20 x	1.50 x	0.075 =	1.41 m ³
	9 no	3.20 x	1.75 x	0.008 =	4.21 m ³
				T.	42.64 m ³
SALE 2-01-2021 SE					
5.	Plv and applying bitumen coat with bitumen emulsion SS ₁				
	Same measurement for				
	WBM 6.22 Qty				
	42.64 m ³ / 0.075 m ³ =				568.53 m ²
6.	Plv and applying tack coat with bitumen emulsion RS ₁				
	Same measurement for				
	Prime coat Qty				568.53 m ²
7.	Plv laying and rolling of close granular prime				
	preparing for Riden work				
	over WBM with MSB				
	Same measurement for				
	Prime coat Qty				568.53 m ²

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
10. Constr. of supports and resting shoulder L12- oblonged metal plate rest from hollow pile-					
2 x 10m x 30m x 0.600 x 0.300					108.00 m ³
2 x 10m x 30m x 0.700 x 0.250					105.00 m ³
2 x 10m x 30m x 0.700 x 0.250					105.00 m ³
2 x 3m x 30m x 0.700 x 0.200					25.20 m ³
2 x 1m x 30m x 0.700 x 0.300					4.20 m ³
					T = 347.40 m ³
11. Plv and fixing of RCC MIS and KM stone -					2.40
12. Plv and fixing of RCC MIS grade beam stone -					4.40
13. Plv and fixing of R.R. track sign and direction and also identification board -					
2 x 1.20 x 0.80					1.92 m ²
14. Plv and fixing of R.R. box man triangle board -					6 No.

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
10. Const. of superelevation and earthen shoulder with approved material obtained from borrow pit -					
$2 \times 10m \times 30m \times 0.500 \times 0.300$					$108.00 m^3$
$2 \times 10m \times 30m \times 0.700 \times 0.250$					$105.00 m^3$
$2 \times 10m \times 30m \times 0.700 \times 0.250$					$105.00 m^3$
$2 \times 3m \times 30m \times 0.700 \times 0.200$					$25.20 m^3$
$2 \times 1m \times 30m \times 0.700 \times 0.300$					$4.20 m^3$
					$\Sigma = 347.40 m^3$
11. Plv and fixing of RCMIS grade 1. KM stone -					$2 No$
12. Plv and fixing of RCMIS grade 200m stone -					$4 No$
13. Plv and fixing of R.R. to the sign and direction and Plac. identification board -					
$2 \times 1.20 \times 0.80$					$1.92 m^2$
14. Plv and fixing of R.R. board non triangle board -					$6 No$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
15. PIV and fixing 9.600 mm circular board					4 No
16. PIV and fixing 9.600 mm x 480 mm rectangular board					4 No
17. PIV and laying Lumber studs with steel studs and 1/4" thick composite with self-etching glass board on bits					
minim. stud					
4 m x 5 m x 3.0 x 0.50					30.00 m ²
18. PIV laying 9.600 mm thick 1/4" thermoplastic composite 2.5 m thick board					
marking					
2 x 10 m x 30 m x 0.10					60.00 m ²
2 x 10 m x 30 m x 0.10					60.00 m ²
2 x 10 m x 30 m x 0.10					60.00 m ²
2 x 3 m x 30 m x 0.10					18.00 m ²
2 x 1 m x 10 m x 0.10					2.00 m ²
					T. 200.00 m ²
19. PIV and fixing 9.600 mm thick 1/4" thermoplastic composite board					3 No

Continuation

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
4/6	P/v laying & spreading				
	and compacting stone				
	Angular w 314158				
	vide TMB P 5				
42.64 m ³ @ R.	3344	90	1/m ³	L.	142627.20
5/7	P/v and applying bitum.				
	coat with bituminous				
	emulsion SS,				
	vide TMB P 5				
568.53 m ² @ R.	40	26	1/m ²	L.	23287.20
6/9	P/v and applying tack				
	coat with bituminous em.				
	ulsion RS,				
568.53 m ²	vide TMB P 5				
3785.75 m ²	vide TMB P 6				
4354.28 m ² @ R.	13	28	1/m ²	L.	60481.60
7/8	P/v laying and rolling				
	d. Patch work area w 314				
	using HSS				
	vide TMB P 5				
568.53 m ² @ R.	196	25	1/m ²	L.	111460.20
8/11	P/v and laying semi-				
	concr. bituminous concrete				
	with 100-150 TPH batch				
	Type HMP				
	vide TMB P 6				
94.64 m ³ @ R.	12757	89	1/m ³	L.	1207407.20

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
9/3 Const. of Subgrade and earth's shoulder with approx. material obtained from borrow pit vide TMB P 7					
347.40 m ³ @ R. 176 = 47 / m ³ - L. 61306.0					
10/12 PIV and fixing of R.C.C. MIS grade R.M. Stone vide TMB P 7					
2 No @ R. 2446.91 / each L. 4894.20					
11/13 PIV and fixing of R.C.C. MIS grade 200 mm stone vide TMB P 7					
4 No @ R. 655 = 50 / each L. 2622.20					
12/14 PIV and fixing of R.R. track sign and direction sign Place identification board vide TMB P 7					
1.72 m ² @ R. 13076.41 / m ² - L. 25107.20					
13/22 PIV and fixing of R.R. G.O. mm triple board vide TMB P 7					
6 No @ R. 3723.278 / each L. 22343.20					
14/23 PIV and fixing of R.R. G.O. mm circular board vide TMB P 8					
4 No @ R. 5037.80 / each L. 20151.20					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
15/24	Piv & fixing of R.R. 600				
	mm X 950 mm rectangular				
	board				
	vide THB P 8				
4 No @ L. 4336.21/ea					L. 173452.00
16/31	Piv and fixing of messy				
	typical informative sign				
	with logo and mainline				
	board				
	vide THB P 8				
3 No @ L. 11372.85/ea					L. 34119.00
17/28	Piv and fixing of horn				
	black thermoblastic				
	compound 2.5 mm thick				
	Rail marking				
	vide THB P 8				
200 m ² @ L. 742.75/m ²					L. 148550.00
18/29	Planting Grove by 1/1				
	road side				
	vide THB P 9				
33 No @ L. 800.30/ea					L. 26410.00
					T.L. 2072640.00
	Adel Labour Cost 14.44/L				20726.00
	Adel G.S.T 12.1.44/L				248717.00
					L. 2342083.00
	As 0.03% below L.				703.00
					L. 2341380.00

Continuation

17/11/2021
J.E

18/01/21