

Sharma & Sunny Const. Pvt.

TOS Shivmoga Rd. to Nashi Bridge

Schedule XIV - From No. 1345

19.11.64

For the

BIHAR P.W.D.

E.E. R.D. WORK A.BAD DIVISION

A.E. Madanpur SUB-DIVISION

MEASUREMENT 1600.

NO. 3051

Sub-Div.
 Division
 5/1/21
 Executive Engineer
 Rural Works Division, 1st
 Works Division, Aurangabad
 5/1/21

E.E. A-BAD DIVISION.

A-E Madanpur ১৯-১০-১৯৮৮

3051

231385

Sri DINESH P. Singh A-E
Maddur

Date of first entry

Ishtar/Civil

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 completion of the measurements relating to each work)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work - Repavement of Road					
from TDS to Shalvega					
Road to Munsib Bazar					
Under Head of Engineering					
Agency - Shalvega & Sunny					
Construction Pvt. Ltd.					
1980/19 more, turning road.					
(Detail)					
Agreement - 11/9/2020-21					
(10/9/2021)					

Agreement - (11) 111.7974765					
(12) 12.5702865					
Total - 124.3677565					
Date of work start - 02/09/20					
Date of completion - 01/09/21					
Details					
Item (19) Paving					
Masonry work on bridge					
8/10/2021 - 20 - 20					
Complete JSS 500					
Staff - 2nd					

Particulars	Details of actual measurement			Contents of area
	No.	L	B	D
Subs. E. & J. & Co. (C. & J. & Co.)				
Ch	Area	Per. in	Per. in	Voltage
m	m ²	sq	sq	
0.0	0.00	—	—	—
50	0.704	0.621	50	31.0500 ³
100	1.121	0.915	50	45.7500 ³
150	1.403	1.262	50	63.1000 ³
200	1.285	1.344	50	67.2000 ³
250	1.209	1.271	50	64.5500 ³
300	1.423	1.363	50	68.1500 ³
350	1.308	1.268	50	68.4000 ³
400	1.472	1.366	50	69.3000 ³
450	1.551	1.498	50	74.4000 ³
500	1.475	1.523	50	76.1500 ³
550	1.429	1.462	50	73.1000 ³
600	1.605	1.517	50	75.8500 ³
650	1.535	1.570	50	78.5000 ³
700	1.477	1.517	50	75.2500 ³
750	1.606	1.552	50	77.6000 ³
800	1.523	1.569	50	78.4500 ³
850	1.503	1.518	50	75.9000 ³
900	1.522	1.542	50	77.1000 ³
950	1.338	1.460	50	73.6000 ³
				1312.4000 ³
				(1)
1400	1.212	—	50	—
1450	1.748	1.520	50	76.5000 ³
1500	1.078	1.273	50	69.6500 ³
1550	1.177	1.117	50	55.8500 ³

Continuation

St
achisi

9. 9.12.2020 02.12.2020

5/24/2020 - 10:00 AM
Completed - 15/25 pages

lead-1500

As the earth warms, carbon dioxide

$$0.25 \times 1883.05 = 470.7625$$

9. Kanten wie in blau

vertical - 00 -	
-----------------	--

1224	150 cm
------	--------

$$0.75 \times 1883. \omega = 1412.30 \text{ g}$$

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
966 819 - Construction of					
As per order of the					
Revenue Dept - 180 - 180					
Complete 100 sq ft					
10 x 30 ft x 7.20 ft x 0.30 ft = 657.60 cu ft					
3 x 30 ft x 7.20 ft x 0.30 ft = 197.10 cu ft					
1 x 10 ft x 7.20 ft x 0.30 ft = 21.96 cu ft					
12 x 30 ft x 7.20 ft x 0.30 ft = 798.48 cu ft					
1 x 20 ft x 7.20 ft x 0.30 ft = 43.92 cu ft					
As per old PCC -					
16 x 30 ft x 7.20 ft x 0.30 ft = 1051.20 cu ft					
1 x 11 ft x 7.20 ft x 0.30 ft = 24.05 cu ft					
					2783.49 cu ft
966 820 - Construction of					
As per order of the					
Revenue Dept - 100 - 100					
Complete 100 sq ft					
100 x 11 ft					
0.30 x 2783.49 = 835.05 cu ft					
966 821 - Construction of					
As per order of the					
Revenue Dept - 100 - 100					
Complete 100 sq ft					
0.70 x 2783.49 = 1948.44 cu ft					

Continuation

25/02/21
Jc

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
Ques ④ Box cutting -					
2x 6x 300x			0.375m x 0.10 = 13.50		
2x 4x 300x			0.375m x 0.10 = 9.00		
2x 10x 300x			0.375m x 0.10 = 6.75		
					23.250
Ques ⑤ Compaction of embankment for roadwork as per set					

emissiemax. coefficient

residual deposited

Ge- side ~~re-vec~~

Complete to 98% SNO₂

$$0.60 \times 23.55 = 13.95^{\circ}$$

15/3/21

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	

960 (5) Drawn intensity
group structure --
also — 80.19/20
Component —

960 (5) Removal
all types of tape. 80.

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Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
WPC 100 mm x (1/2)					
glen (20) Extra work on					
excavation & foundation					
at - end of structure					
depth 0.5 m					
2 x 6.4 m x 1.4 m x 1.50 m = 27.09 m ³					
Excavation - 0.365					
1 x 1.83 x 1.53 x 0.365 = 0.365					
					27.71 m ³
					29.80 m ³

glen (27) Plaster pcc at					
leveling concrete					
foundation etc -					
2 x 6.4 m x 1.4 m x 0.15 = 2.71 m ³					
1 x 1.931 x 1.53 x 0.25 = 1.89 m ³					
					4.60 m ³
glen (28) Plaster concrete					
concrete to 10 cm thick					
with 5% sand etc					
etc -					
2 x 6.4 m x 1.4 m x 0.10 = 3.22 m ³					
2 x 6.4 m x 0.4 m x 0.60 m = 2.45 m ³					
6% sand etc -					
2 x 1.931 x 1.53 x 0.622 = 1.45 m ³					

Continuation

33.74 m³

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
900. (20) Paved area Rec. W.P. top of Subvent. to Concrete JGS 98 PSSID of rec. $3 \times 2.50 = 7.50$					
1000 4515/21 10					

Jan. (2) Plant Corp
Rec'd 10% of 100
Current - 100 - 100
Controlled 100 98
P850 Def 100
2x 2-50 = 7.500

457521

Item (10) 250-1 - Construction
 of 80mm x 80mm x 4m
 pouring well grade
 material, spreading,
 compacting - do - do
 complete 1500 m³ per station
 $10m \times 12.90 + 4.05 \times 0.20m = 16.952$
 $(13 \times 30m) \times 4.05 \times 0.20m = 315.903$
 $(12 \times 30m + 20m) \times 4.05 \times 0.20m = 307.80$
 $[16 \times 20m + (11m - 30m)]$
 $\times 4.05 \times 0.20m = 295.283$
 00 1035.926

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
20 g.c.c. -				B.A	1035.93 m ³
2x (6x20m + 1m) x 0.375m					
				x 0.10m = 13.58 m ³	
2x (4x 30m + 10m) x 0.375m					
x 0.10m = 9.75 m³					
Profilo correction -					
10 x 5.0m x 1.5m x 0.10 = 7.50 m ³					
15 x 4.0m x 1.2m x 0.10 = 7.20 m ³					
20 x 5.0m x 1.5m x 0.10 = 15.00 m ³					
8 x 12 x 0.6m + 54 m ³					
15m x 0.10m + 1.20m + 0.6					
				x 0.30m = 1.20 m ³	

15m x 6.70m x 2.05m x 0.20m = 16.1					
15m x $\frac{2.65m + 0.0}{2}$ x 0.20m = 3.97 m ³					
					1094.12 m ³
					1084.38 m ³
20 x 0.6m x 0.6m					
20 x 0.6m x 0.6m					

No.	L	B	D	of area
Rescue -				
2x	6x30m	10m	X 0.375	X 6.10 = 13.58m ³
2x	4x90m	10m	X 0.375	X 0.101 = 9.75m ³
Capped Road				23.33m ³
10x	5.6m	1.5m	X 0.10	= 7.50m ³
15x	4.0m	1.2m	X 0.10	= 7.20m ³
20x	5.0m	1.5m	X 0.10	= 15.00m ³
Extraction curve 44.54m				
15m	0.6	1.2m	+ 0.4	
2x	0.2	0.4		

Item ① - 11th - 11th

Grading, spreading and

compacting stone aggregate

to width band to 6.60m

- do - also complete

105 78 13810 per

$$\frac{10m \times 12.70m + 3.75}{2 \times 0.075} = 6.24m^3$$

$$12 \times 20m \times 2.75m \times 0.075 = 109.69m^3$$

$$\frac{(12 \times 20m + 20m) \times 3.75m}{0.075} = 106.88m^3$$

$$\frac{[15 \times 30m + (11 - 3m)] \times 3.75m}{0.075} = 128.81m^3$$

Continuation

[illegible]
$$\begin{aligned}
 (30+29) &= \\
 59m \times 3.75m \times 0.160 &= 35.40m^3 \\
 (30+41) &= 34m \times 3.75m + 3.23 \\
 &\quad + 3.60m \\
 &\quad \frac{1}{2} \times 0.160 = 19.18m^3 \\
 13m \times (3 \times 60m + 3.75m + 3.23) \\
 &\quad \frac{1}{2} \times 0.160 = 7.34m^3 \\
 (7 \times 30m + 120) \times 3.30m \\
 &\quad \times 0.160 = 117.22m^3 \\
 (20+12) &= 42m \times (3.30 + 3.20m \\
 &\quad + 3.55) \\
 &\quad \frac{1}{2} \times 0.160 = 22.51m^3 \\
 50m \times \frac{3.55 + 7.00m}{2} \times 0.160 &= 4.22m^3 \\
 &\quad \underline{357.24m^3}
 \end{aligned}$$

Continuation

15

05/08/21

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
Abstract of 65 - 10					
Station A/C Ball -					
① Plowing & sowing					
Bank marks - do -					
Volume (1) - 24					
Ch 3945. external 7891					
② Reference Point -					
Volume (2) 7					
Ch 1784. area 12494					
③ Clearing & grading					
road 194. do -					

Complete JDS					
pg 510 affr.					
Volume (2) 1325					
Ch 51133. 74					
Area 67752					
④ Box Cutting					
- do -					
Volume (A) 23.25					
Ch 74. 16/10					
Area 1724					
⑤ Construction of embankment					
with material deposited					
from Railway Cutting					
- do -					
Volume (B) 13.95					
Ch 2611/10					
Area 364					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
(6) Construction of embankment with material - 10000 - do - 10000 Joss pss. pss. pss. lead - 10000 Vide - (4) 470.76 ³ EP 131.03/03 - 616840					
(7) Construction of embankment with material - 10000 - do - 10000 Joss pss. pss. pss. lead - 10000 Vide - 1412.30 ³ EP 174.94/03 - 24706800					

(8) Construction of 800 g scale 20000 shoulas with - do - 10000 Joss pss. pss. pss. lead - 10000 Vide - (5) 935.05 ³ EP 176.58/03 - 14745300					
(9) Construction of 800 g scale 20000 shoulas - do - 10000 lead - 10000 Vide - (5) 1948.44 ³ EP 141.17/03 - 27506100					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
(10) R.S.D. - Construction of gutter for 24" wide by providing metal spreading clothes complete JSS 98 ft 510" of steel					
vide - (11) 1084.38 ³					
eqs 2197.59/103 = 23.83023 =					
(11) K.B.M. - II - Plastering, spreading and compacting plus aggregate					
work - all complete JSS 73 885117 ft					

vide - 438.07103

eqs 2914.24/23 = 1276.54 =

- (12) C.C.P. - Construction of various forms, plain concrete, concrete pavement
- work - all complete JSS 92 885117 ft

vide - (12) 257.24103

eqs 5778.34/23 = 251.23217 =

- (13) Fine bone dry mortar for spreading 375000
- work - all complete
- vide - (1) 200

eqs 9186.75/50 = 183.74 =

Continuation

Particulars	Details of actual measurement			Contents of area
	No.	L	B	
(16) 1/2 East to work on and survey - for fence - also - for cement base for 32 ft x 10 ft 1/2 ft wide - (7) 31.2 ft also 267.32 ft x 10 ft 84135.00				
(15) 1/2 The main driveway course on foundation - also - for 6 ft x 10 ft for 32 ft x 10 ft 1/2 ft wide - (2) 5.70 ft also 4553.50 ft x 10 ft 25755.00				
17/33 - The main driveway complete on foundation for 32 ft x 10 ft 1/2 ft - also - for 6 ft x 10 ft for 32 ft x 10 ft 1/2 ft wide - (3) 30.33 ft also 5273.66 ft x 10 ft 159750.00				
19/34 - The main driveway for 32 ft x 10 ft 1/2 ft - also - wide - (3) 15.0 ft also 946.18 ft x 10 ft 14197.00				
20/36 - The main driveway for 32 ft x 10 ft 1/2 ft wide - (7) 29.30 ft also 267.32 ft x 10 ft 8026.00				

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
21/27 - Plumb line - 95 m. length Power in - power in - do -					
Volume of P (1) 4.60 m ³ CR 1553.54 m ³ 20946 m ³					
22/28 - Pl. Pl. on cement Concrete (10) 20 m Head 10 m / 15 m structure - do - concrete JOS 90 m 20 m 20 m					
Volume (1) 33.7 m ³ CR 5273.66 m ³ 177933 m ³					

23/29 - Pl. sand filling RCC Pipe 10 m Cur. work - do - concrete Can. hole - JOS 58 passage.					
Volume of (10) 7.5 m ³ CR 2577.09 m ³ 26828 m ³					
24/30 - Dismantling existing structure - do - like (1) Concrete - 2.31 m ³ CR 484.74 m ³ 1180 m ³					
25/31 - RCC - 3.26 m ³ CR 1093.44 m ³ 3674 m ³					

Continuation

