

SOSI to Badauli - 0.679 km (mmusysc)
Ag. No. 4658D/2021-22
Schedule XLV-Form No. 134

Shenghati

DIVISION

SUB-DIVISION

Name of Agency - M/s Ma Shanti cont.

Measurement Book

Date of work start - 29.01.22

Date of comp - Es. 10.22

1391

1.

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 measurements relating to each work).

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					Ist on ABC Bill
					Name of work: construction of road from 5051 to Batali under MMSY. Scheme No - Agrement No — 465BD - 2021-2022
					Name of agency - M/S MAA Shanti construction at village - Shri Ram B/gha Girwana, District Gajipur

Date of WIO	→ 29/11/22
Date of completion	→ 28/10/22
Part of measurement	→ 25/5/22

(1) Construction of 29/11/22

Working bench mark:

$$27 \times 25 = 675 \text{ m}$$

$$1 \times 4 \text{ m} = 4 \text{ m}$$

$$\text{or } 0.679 \text{ KM}$$

(2) Construction of

reference pillars

buries - mounting sand

at the (1) regt + (1) of

T.M.B → 0.679 Km

2. cleaning and grinding

or bed done of 25 nos

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Curves:</u>					
Abut:.	2x6x1.0x1.8	=	21.60 m		
R.I.W.L -	4x2x1.0.749	x2.19.12.52			
				34.12 m ²	
<u>13. Reinforced Concrete Work:</u>					
Drainage survey per specification A.C.M.D.O,					
R.I.W Capping -	2x2.3x0.40x0.150	= 0.55			
Abut cap:-	2x6x0.70x0.20	= 1.68			
Drift walls:-	2x6x0.40x0.240	= 1.15			
Kerb (Ramped) -	2x2.6x0.40x0.150	= 0.94			
and other -	4x0.40x0.150	= 0.60			
Soil -	4x0.40m	= 1.60m			
<u>14. Suspended floors</u>					
and P. Beams/H.S.P. beams in Super structure					
as per specification.					
Main bars:- 12 MM T.P					
80x273 m = 218.40 m					
@ 0.89 kg/m = 194.38 m					
Distribution:- 10 MM T.P					
34x5.95 m = 202.30 m					
@ 0.62 kg/m = 125.43 m					
12 mm T.S.P:- main bars					
80x2.60 m = 208 m					
@ 0.59 kg/m = 120.48 m					
T.S.P distribution - 10 mm T.P					
34x5.95 m = 202.30 m					
Side distribution - T.S.P 10 mm T.P					
2x5x5.95 = 59.50 m					
@ 0.62 kg/m = 37.62 m					
<u>Continuation</u>					
Unreq. - 0.66725 M.T.P					
Req. - 0.662 M.T.P					
<u>20.05.22</u>					
<u>20.05.22</u>					

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>22) Sand & pebbles specification</u>					
1x 6x25m x 3.75 x 0.12					= 67.50
1x 21x25m x 4.05 x 0.20					= 425.50
1x 12x25m x 4.05 x 0.20					= 10.81 m ³
					<u>493.81 m³</u>

23. Providing, laying spreading
and compacting stone Mattel

Grade - III in road

Meter specification

6x25m x 3.75 x 0.075	<u>42.19 m³</u>	3
21x25m x 4.05 x 0.075	<u>159.47 m³</u>	
1m x 3.75 x 0.075	<u>0.28 m³</u>	

190.87 m³

24. Construction of

unreinforced concrete

concrete pavements

in road areas specification

4x25m x 3.75 x 0.16	<u>60 m³</u>	3
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25. Dismantling of existing

structure like culverts etc.

(A) Placing Concrete

$$1x 3.50 \text{ m} \times 1.54 \times 0.15 = 0.81 \text{ m}^3$$

(B) Stone Brick masonry dismantling

$$2x 5 \times 0.825 \times 3.0 = 24.75 \text{ m}^3$$

removed → 23.27 m³

(C) Removing laboratory work

$$4x 2.5 \text{ m} \rightarrow 10 \text{ m}$$

2b. Laying 1st class bedding brick
utility Pipe-

$$3 \times 4 \times 2.5 \text{ m} \rightarrow 30 \text{ m.}$$

(27) Floor drain - 1 M x 1.5 M x 1.5 M = 112.5 m³ day

$$\text{21 Drains} \times 1.378 \text{ m} \times 2.10 \text{ m} = 2893.80 \text{ m}^3$$

$$@ 0.39 \text{ kg/m}^3 \rightarrow 1128.51 \text{ cu. ft.}$$

(28) Prismatic R.C. 2nd drain - 80 x 2.10 x 0.150 = 25.20 m³

J. 12 Continuation 25.05.22

A.C.

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					B/Rs. 308470/-
17. Plain earth embankment					
reinforced cement concrete					
Super store curve					
Under slope - (B) - 3x7.5M					
@ Rs. 6022.08/m ² . 22523/-					
18. Plain earth sand laying					
1000mm due H.P. wide					
Ridge - (B) - 7.5M					
@ Rs. 3802.12/m ² . 28516/-					
19. Plain earth canal lining					
boring due to impinge					
Under slope - (B) - 7.5M					
@ Rs. 1221.15/m ² . 9159/-					
20. Laying bedding					
Well Compacted Sand					
width Rsp - (B) - 2.49m ²					
@ Rs. 517.32/m ² . Rs. 1288/-					
21. Ditch in foundation					
then due to 1500mm					
Under slope - (B). 117.8m ² @ Rs. 517.32/m ² . Rs. 6070/-					
22. Back filling behind					
BBT, hing wall and					
FR 1W. Encanty wide					
Rsp - (B), 35.35 m ²					
@ Rs. 790.09/m ² . Rs. 27930/-					
23. Plain earth week					
hinge Under slope - (B) 10000.					
@ Rs. 117.10 each					
					Rs. 11710 = 11710
					Rs. 3513.00
Continuation	C.O.R.	31,81,358/-			

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					(3) p RY. 3181358:-
24. Laying Cement Concrete					
Pipe - 300mm dia with Rate					
- (7) - 30M @Rs. 765/- M Rs. 22950:-					
25. For Drains:- Supplying					
fitting and placing by SD					
Ran in foundation					
Quantity with Rate - (7)					
1.13 MTR @Rs. 5598/- M Rs. 63492					
26. Pounding R-ve-23					
Drain quantity with					
Rate (ft) - 25.20 M ²					
Rs. - 5052.03 M ² x 127311 =					

Continuation