

N/Scheme - Construction & S&M Maintenance of Road,
Bhattanchak - Se Nadavann to oiyare IM
Dhamare Block

Measurement Book

Schedule XLV-Form No. 134

Agno. - 22/SBD/2020-21

M.M.G SY-SC

W/cont: - Nijaj kumar

DIVISION

ATTO 31/11/20 - 24/12/31

SUB-DIVISION

MB NO - 1197

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
3rd. on A/C Bell					
N/work: Construction & 5 years maint of road Bhattan Chok to Nachwan - Gyrasa road.					
under Dhanuwa. Block					
Agg no					
N/Contract					
Start date					
Est-date of Comp.					
Const of W/B M. Gr. 3 -					
Ch - do - - - 519					

$\text{C.H.: } 60 - 66.04 \text{ (Math. Comp. 4)}$
 $1 \times 10.00 \times \frac{6.55 + 3.75}{2} = 51.50 \text{ M}^2$
 $1 \times 16.00 \times 3.75 = 60.00 \text{ M}^2$
 $2 \times 10.00 \times \frac{3.75 + 4.70}{2} = 42.25$
 $1 \times 10.00 \times \frac{4.70 + 3.75}{2} = 42.25$
 $1 \times 32.00 \times 3.75 = 120.00$
 $1 \times 10.00 \times \frac{3.75 + 4.70}{2} = 42.25$
 $1 \times 10.00 \times \frac{4.70 + 3.75}{2} = 42.25$
 $5 \times 30.00 \times 3.75 = 562.50$
 $1 \times 27.00 \times 3.75 = 101.25$
 $1 \times 15.00 \times \frac{3.75 + 5.20}{2} = 67.13$
 $1 \times 15.00 \times \frac{5.20 + 3.75}{2} = 67.13$
 $1 \times 7.00 \times \frac{3.75 + 4.70}{2} = 29.58$
 $1 \times 10.00 \times \frac{4.70 + 3.75}{2} = 42.25$
 $3 \times 30.00 \times 3.75 = 337.50$
 $= 1607.86 \text{ M}^2$

Continuation

$$\begin{aligned} & \checkmark \rightarrow 1 \times 25.00 \times 3.75 = 93.75 \\ & 1 \times 8.00 \times 3.75 + 4.20 = 31.20 \\ & 1 \times 30.00 \times 3.75 = 112.50 \\ & 1 \times 20.00 \times 3.75 = 75.00 \\ & 1 \times 7.00 \times 3.75 + 3.75 = 26.75 \\ & 5 \times 30.00 \times 3.75 = 562.50 \\ & 1 \times 25.00 \times 3.75 = 93.75 \end{aligned}$$

Link to Temple - 00-55'm.

1 x 15.00 x 3.75	= 20.13
2 x 25.00 x 3.75	= 187.50
bank -	cash - \$3.00
1 x 8.00 x 3.75	= 3.00
1 x 30.00 x 3.75	= 112.50
1 x 15.00 x 3.75	= 56.25

Total Area = 4097.67 m^2

AL 4057.67 m² x 0.075 = 307.33 m³ Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(2/5) Const of sub grade 1					
2x22x30.00x1.475x0.20 = 329.1015					
2x24x30.00x1.475x0.20 = 344.2560					
2x22x30.00x1.475x0.20 = 329.1015					
2x24x30.00x1.475x0.20 = 344.2560					
Link - 2x2x25.00x1.475x0.20 = 89.50 "					
2x1x35.00x0.60x0.20 = 8.40					
2x6x30.00x1.475x0.20 = 108.20					
2x1x10.00x1.475x0.20 = 5.90					
Link. 2x1x30.00x1.25x0.20 = 15.60					
2x1x25.00x1.25x0.20 = 12.50					
Link. 2x1x30.00x1.30x0.20 = 15.60					
2x1x23.00x1.20x0.20 = 9.20					
Side of G03					
2x22x30.00x1.20x0.075 = 118.20					
2x2x25.00x1.20x0.075 = 9.40					
2x1x35.00x0.60x0.075 = 3.15					
2x6x30.00x1.20x0.075 = 33.40					
2x1x10.00x1.20x0.075 = 1.20					
2x1x30.00x1.15x0.075 = 5.18					
2x1x25.00x1.20x0.075 = 3.21					
2x1x30.00x1.20x0.075 = 5.40					
2x1x23.00x0.85x0.075 = 2.93					
Total 84 = 724.11 m ³					
82/22					
1/2					
26/22					
1/2					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>ABSTRACT OF COST</u>					
(1) Setting out work for French drain					
= 0.995 km (P-10, 91/1)					
= 0.108 km (P-14, 91/1)					
1.103 1.083 km					
① 3812.53/km					₹ 4129.00
(2) Setting out reference pillar					
= 1.083 km (P-14, 91/2)					
① 1743.86/km					₹ 1891.00
(3) Charge for grubbing & removal of soil					

$$= 0.286 \text{ Haul (P-10, 91/2/3)}$$

$$= 0.0324 \text{ Haul (P-14, 91/3)}$$

$$= 0.3184 \text{ Haul}$$

$$① 52970.33/\text{Haul} \quad \text{₹ 16866.00}$$

(4) Construction of Embankment

→ 100m

$$= 2073.396 \text{ m}^3 (\text{P-11, 91/4})$$

$$① 153.66/\text{m}^3 \quad \text{₹ 318578.00}$$

(5) Const of Sub grade

→ 100m

$$= 1660.50 \text{ m}^3 (\text{P-11, 91/4/5})$$

$$= 904.50 \text{ m}^3 (\text{P-15, 91/4/5})$$

$$= 774.11 \text{ m}^3 (\text{P-20, 91/4/5})$$

$$= 3338.61 \text{ m}^3$$

$$① 192.25/\text{m}^3 \quad \text{₹ 641848.00}$$

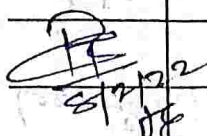
$$983332.00$$

Continuation

Bot-5 983332

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(6/6) Coarse sand fill in Sub base over sub grade					
= 503.13 m ³ (P-11, 94 5/6)					
= 302.57 m ³ (P-15, 94 5/6)					
= 805.73 m ³					
① 1924 = 09 / m ³					₹ 15,502.97
(7/7) Construction of subgrade & shoulder					
(7/7) Constn of G.S.B. Gr. I					
do do do do					
= 468.18 m ³ (P-11, 94 6/7)					
= 393.41 m ³ (P-17, 94 6/7)					
= 861.59 m ³					
② 2509 = 50 / m ³					₹ 21,621.60
(8/8) Const of W.B.M. Gr. 3					
do do do do					
= 307.33 m ³ (P-19, 94 1/8)					
③ 3116 = 09 / m ³					₹ 9576.68
(9/9) Lay & 300 φ kee D.L.T					
P.P.O do do					
= 40.00 m (P-17, 94 7/9)					
Limit to 38.00 m					
④ 834 = 65 / m					₹ 3171.74
(10/10) First masonry boundary superimposed on board with 600					
= 2000 (P-11, 94 7/10)					
⑤ 10880 = 90 each					₹ 21762.4
					₹ 5706.936

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Overall Material Statement:</u>					
(i) Earth Ry	-	-	-	-	= 5412.00 M ³
(ii) Stone Metal (Gris + 303)	-	-	-	-	= 1198.99 M ³
(iii) Stone Screening	-	-	-	-	= 73.46 M ³
(iv) Coarse Sand	-	-	-	-	= 1012.51 M ³
					

Name of work: - Construction & Five year
 Maintenance of road
 Baitan Chok to Madwa -
 Oriyara road under
 M17937(SC) in Deonorus
 Agraru - 22/130/2020-21
 M/Agency - Nitya Kumar
 22/130/2020-21
 Start date - 18/9/2020
 Int. date of Corp. 17/9/2021
 (i) Betting and Bench Mark
 (wshop) Pillar - 1 - 1
 Up date Meant
 Main bpt - 1 x 675m = 678m
 = 678m

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.F. = $\frac{D}{78M}$		
Link No (1) To Temple					
		$\sqrt{1 \times 65.00}$		$= 65.00M$	
" (2) Toward Malinpha					
		$\sqrt{1 \times 220M}$		$= 220M$	
		$1 \times 142M$			
		$\sqrt{1 \times 45M}$		$= 45M$	
" (3) Toward Adroco Indun					
		$1 \times 142M$		$= 142M$	
		Total =		$= 1150M$	
				$= 1.15 KM$	
Less previous Rly					
(V.P. 10, Sta 11)				$- 0.975 KM$	
				$= 0.175 KM$	

(2/2) Set out reference					
Pillar					
Update Mean					
		$1 \times 678.00M$		$= 678.00M$	
		$1 \times 65.00M$		$= 65.00M$	
		$1 \times 220.00M$		$= 220.00$	
		1×45.00		$= 45.00$	
		1×142.00		$= 142.00$	
				$= 1150.00M$	
		update Rly		$= 1.15 KM$	

(3/5) Construction of Subgrade					
& Earthen Shoulder					
do					
Update Mean					

(A) Subgrade					
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Main Rly		CH: 00 - 678M.			
		$22 \times 8.50 (AV) \times 0.30$		$= 1683.00M^3$	
		$1 \times 18.00 \times 0.30$		$= 45.90$	
		Continuation		$= 1728.90M^3$	

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Link No 1 to Temp'd</u>					
CH. CO - 65M					
✓	2	30.00	8.50	0.30	153.00
✓	1	15.00	7.00	0.30	10.50
<u>Link No 2 (Toward Malak)</u>					
	1	30.00	8.50	0.30	76.50
	1	25.00	8.50	0.30	63.75
	1	30.00	5.60	0.30	50.40
✓	4	30.00	8.50	0.30	306.00
	1	15.00	8.50	0.30	38.25
	1	30.00	8.50	0.30	76.50
	1	15.00	7.50	0.30	33.75
<u>Link No 3 Toward Adhwa Gaur</u>					
	4	30.00	7.50	0.30	270.00

$$1 \times 22.00 \times 7.50 \times 0.30 = 49.50$$

$$= 2857.05m^3$$

(B) Earth of Ditch (Update Head)

Side of G.S.B

Mainly -

$$2 \times 22 \times 30.00 \times 1.475 \times 0.20 = 389.40m^3$$

$$1 \times 18.00 \times 1.475 \times 0.20 = 5.31m^3$$

Link No 1 (CO - 65M)

$$2 \times 2 \times 30.00 \times 1.75 \times 0.20 = 30.00$$

$$2 \times 1 \times 15.00 \times 1.75 \times 0.20 = 2.50m^3$$

Link No 2 (220M + 45M)

$$2 \times 2 \times 25.00 \times 1.475 \times 0.20 = 29.50$$

$$2 \times 1 \times 25.00 \times 0.60 \times 0.20 = 8.40$$

$$2 \times 4 \times 30.00 \times 1.475 \times 0.20 = 70.80$$

$$2 \times 1 \times 15.00 \times 1.475 \times 0.20 = 8.85$$

$$2 \times 3 \times 15.00 \times 1.475 \times 0.20 = 26.55$$

Continuation = 571.31m³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	BF	
				BF = 571.31 m ²	
Link No. 3 (00-142M)					
2x4x30.00x1.475x0.20					= 70.80
2x1x22.00x1.475x0.20					= 12.98
Side of G3					

Manholes -	2x2x30.00x1.20x0.075	= 118.80
✓	1x1x18.00x1.20x0.075	= 1.62
	Link No 1 (00 to 65M)	

	2x2x30.00x1.20x0.075	= 10.80
	2x1x5.00x1.20x0.075	= 0.90

Link No. 2 (220M + 45M = 265M)

	2x2x25.00x1.20x0.075	= 9.00
	2x1x35.00x0.60x0.075	= 3.15
	2x4x30.00x1.20x0.075	= 21.60
	2x1x15.00x1.20x0.075	= 2.70
	2x3x15.00x1.20x0.075	= 8.10

Link No. 3 (00-142M)

✓	2x4x30.00x1.20x0.075	= 21.60
	2x1x22.00x1.20x0.075	= 3.96
		= 857.32 m ³

Total (A+B) = 3714.37 m³

(4/6) Follow in foundation - do
(center sand)
(update Measurement)

✓	1x10.00x9.80x5.15x0.15	= 11.21 m ³
	9x30.00x5.15x0.15	= 208.58
	1x5.00x5.15x0.15	= 3.86
	1x35.00x5.15x0.15	= 27.04
		= 30.10
	1x30.00x5.15x0.15	= 23.40
	1x13.00x5.15x0.15	= 10.04

= 338.49 m³

Continuation

BF = 33214704

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	1x	20.00	$5.15 + 7.15 + 5.15$		
				$\times 0.15 =$	17.45
	5x	30.00	$5.15 \times 0.15 =$		115.88
	1x	15.00	$5.15 \times 0.15 =$		11.59
	1x	17.00	$5.15 + 5.80 + 5.15$		
				$\times 0.15 =$	13.68
	1x	18.00	$5.15 \times 0.15 =$		13.59
	1x	5.00	$5.15 + 5.75$		
				$\times 0.15 =$	4.09
Link to Temp.					
	1x	5.00	$7.15 + 4.15$	$\times 0.15 =$	4.23
	1x	30.00	$4.15 \times 0.15 =$		18.68
	1x	13.00	$4.15 \times 0.15 =$		8.09

Link No - 2

	1x	5.00	$7.45 + 5.15$	$\times 0.15 =$	4.73
	1x	7.60	$3.65 \times 0.15 =$		4.16
	2x	30.00	$4.50 \times 0.15 =$		40.50
	1x	16.40	$4.00(m) \times 0.15 =$		9.84
	1x	16.00	$5.15 \times 0.15 =$		9.96
	3x	30.00	$5.15 \times 0.15 =$		69.53
	1x	25.00	$5.15 \times 0.15 =$		19.31
	1x	27.00	$5.15 \times 6.15 =$		20.86
	1x	18.00	$4.15(A) \times 0.15 =$		11.21

Link No 3.

	1x	10.00	$7.00 + 5.15$	$\times 0.15 =$	9.11
	1x	18.00	$5.15 \times 0.15 =$		13.91
	2x	30.00	$5.15 \times 0.15 =$		46.35
	1x	25.00	$5.15 \times 0.15 =$		19.31
	1x	29.00	$5.15 \times 0.15 =$		22.40

Continuation

= 844.95m²

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			BF =		844.95 m ³
Less previous B/L					
Page (22) Re (6/6)			F ₂		805.43 m ³
					= 39.32 m ³
(5/7) Construction of G.S.B. G.P.					
du — d cut					
CH: cu — 678 m (update 11/1)					
1 x 10.00 x $\frac{9.80 + 4.05}{2}$ x 0.20					= 13.85 m ³
✓ 1 x 20.00 x 4.05 x 0.20					= 16.20 "
1 x 10.00 x $\frac{4.05 + 4.80}{2}$ x 0.20					= 8.85
1 x 10.00 x $\frac{4.80 + 4.05}{2}$ x 0.20					= 8.85
1 x 30.00 x 4.05 x 0.20					= 24.30
1 x 10.00 x $\frac{4.05 + 4.80}{2}$ x 0.20					= 8.85
1 x 10.00 x $\frac{4.80 + 4.05}{2}$ x 0.20					= 8.85
✓ 6 x 30.00 x 4.05 x 0.20					= 145.80
1 x 5.00 x 4.05 x 0.20					= 4.05
1 x 10.00 x $\frac{4.05 + 6.80}{2}$ x 0.20					= 10.85
1 x 15.00 x $\frac{6.80 + 4.05 + 4.80}{3}$ x 0.20					= 15.65
1 x 10.00 x $\frac{4.80 + 4.05}{2}$ x 0.20					= 8.85
1 x 30.00 x 4.05 x 0.20					= 24.30
1 x 13.00 x 4.05 x 0.20					= 10.53
1 x 10.00 x $\frac{7.05 + 7.00}{2}$ x 0.20					= 11.05
1 x 10.00 x $\frac{7.00 + 4.05}{2}$ x 0.20					= 11.05
1 x 30.00 x 4.05 x 0.20					= 24.30
1 x 10.00 x 4.05 x 0.20					= 8.10
1 x 10.00 x $\frac{4.05 + 5.30}{2}$ x 0.20					= 9.35
1 x 10.00 x $\frac{5.30 + 4.05}{2}$ x 0.20					= 9.35
					= 528.78 m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	1x	15.00	4.05	0.20	12.15
	1x	10.00	$\frac{4.05+5.80}{2}$	0.20	9.85
	1x	7.00	$\frac{5.80+4.05}{2}$	0.20	6.90
	1x	18.00	4.05	0.20	14.58
	1x	5.00	$\frac{4.05+5.75}{2}$	0.20	6.90
<u>Long to Transverse</u>					
	1x	5.00	$\frac{7.15+4.05}{2}$	0.20	5.60
✓	1x	12.00	4.05	0.20	9.72
	1x	30.00	4.05	0.20	24.30
	1x	18.00	4.05	0.20	14.58
<u>Long to (220m + 45m)</u>					
	1x	5.00	$\frac{7.45+4.05}{2}$	0.20	5.75
	1x	8.40	$\frac{4.05+3.65}{2}$	0.20	6.47
	1x	12.60	3.65 (m)	0.20	9.20
	1x	14.00	5.50	0.20	15.40
✓	1x	19.00	$\frac{5.50+4.25}{2}$	0.20	18.53
	1x	18.00	$\frac{4.25+4.05}{2}$	0.20	14.94
	1x	12.00	$\frac{4.05+3.25+4.05}{3}$	0.20	9.08
	1x	9.00	4.05	0.20	7.29
	1x	7.00	$\frac{5.50+4.05}{2}$	0.20	6.69
	3x	30.00	4.05	0.20	72.90
	1x	25.00	4.05	0.20	20.25
	1x	5.00	$\frac{5.50+4.05}{2}$	0.20	4.77
	1x	27.00	4.05	0.20	21.87
	1x	13.00	$\frac{4.05+3.30+3.00}{3}$	0.20	8.97

853.47 m³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
172 - 3 to 4 m ² h ²					
1x 10.00 x 6.70 + 4.05				x 0.20 =	10.75
1x 18.00 x 4.05 x 0.20 =					14.58
1x 10.00 x 4.05 + 4.80				x 0.20 =	8.85
1x 10.00 x 4.80 + 4.05				x 0.20 =	8.85
3x 30.00 x 4.05 x 0.20 =					72.90
1x 4.00 x 4.05 x 0.20 =					3.24
					= 979.64 m ³
Less Provision for 22 m ² (-)					861.59 m ³
					= 108.62 m ³
					= 111.05 m ³
(6/8) Layout & Compaction					
W 30.00 x 8.00					

Update Month					
Main - CH. 00 - 878 m					
1x 10.00 x 9.65 + 3.75				x 0.075 =	5.03 m ³
1x 20.00 x 3.75				x 0.075 =	5.63 "
1x 10.00 x 3.75 + 4.50				x 0.075 =	3.09 "
1x 10.00 x 4.50 + 3.75				x 0.075 =	3.09 "
1x 30.00 x 3.75				x 0.075 =	8.44
1x 10.00 x 3.75 + 4.50				x 0.075 =	3.09
1x 10.00 x 4.50 + 3.75				x 0.075 =	3.09
6x 30.00 x 3.75				x 0.075 =	50.63
1x 5.00 x 3.75				x 0.075 =	1.41
1x 10.00 x 3.75 + 6.50				x 0.075 =	3.84
1x 15.00 x 6.50 + 3.75 + 4.50					
				x 0.075 =	5.53
1x 10.00 x 4.50 + 3.75				x 0.075 =	3.09

95.96 m³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	4x	30.00	3.75	0.075	$= 33.71 m^2$
	1x	13.60	3.75	0.075	$= 3.66$
	1x	10.00	$\frac{3.75 + 6.80}{2}$	0.075	$= 3.96$
	1x	10.00	$\frac{6.80 + 3.75}{2}$	0.075	$= 3.96$
	4x	30.00	3.75	0.075	$= 33.75$
	1x	10.00	3.75	0.075	$= 2.81$
	1x	10.00	$\frac{3.75 + 5.60}{2}$	0.075	$= 3.28$
	1x	10.00	$\frac{5.60 + 3.75}{2}$	0.075	$= 3.28$
	1x	15.00	3.75	0.075	$= 4.22$
	1x	10.00	$\frac{3.75 + 5.30}{2}$	0.075	$= 3.39$
	1x	7.00	$\frac{5.30 + 3.75}{2}$	0.075	$= 2.38$
	1x	18.00	3.75	0.075	$= 5.06 m^2$
	1x	5.00	$\frac{3.75 + 5.50}{2}$	0.075	$= 1.73$
Link (1) to Temple.					
	1x	5.00	$\frac{7.00 + 3.75}{2}$	0.075	$= 2.02$
	2x	30.00	3.75	0.075	$= 16.88$
Link (2) to Manikpur tola = 2.54					
	1x	5.00	$\frac{7.25 + 3.75}{2}$	0.075	$= 2.06$
	1x	8.40	$\frac{3.75 + 3.50}{2}$	0.075	$= 2.28$
	1x	12.60	$\frac{3.50 + 3.50}{2}$	0.075	$= 3.31$
	1x	14.00	5.20	0.075	$= 5.46$
	1x	19.00	$\frac{5.20 + 4.25}{2}$	0.075	$= 6.73$
	1x	18.00	$\frac{4.25 + 3.75}{2}$	0.075	$= 5.40$
	1x	12.00	$\frac{3.75 + 3.00 + 3.75}{3}$	0.075	$= 3.15$
	1x	9.00	3.75	0.075	$= 2.53$
Total = 277.83 m ²					
	1x	7.00	$\frac{5.20 + 3.75}{2}$	0.075	$= 2.35$
	3x	30.00	3.75	0.075	$= 25.31$

Continuation

 $= 277.83 m^2$
 $= 278.67 m^2$

~~Summit~~
21/3/22
A.P.

Sch. XLV-Form No. 134

Sch. XLV-Form No. 134					
Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Recover. Measurement at 5/7/22</u>					
(1/11) Pl Laying & comp. p.					
20 mm M.S.S. Type B,					
also ———— cut off					
<u>Mainly p. (CH. 50 - 67.8M)</u>					
	1	10.00	7.65 + 3.75		= 67.00 M ²
	1	20.00	3.75		= 75.00 "
	1	10.00	3.75 + 4.50		= 41.25
	1	10.00	4.50 + 3.75		= 41.25
	1	30.00	3.75		= 112.50
	1	10.00	3.75 + 4.50		= 41.25
	1	10.00	4.50 + 3.75		= 41.25
	6	30.00	3.75		= 675.00
	1	05.00	3.75		= 18.75 18.75
	1	10.00	3.75 + 6.50		= 51.25
	1	15.00	6.50 + 3.75 + 4.50		= 73.95
	1	10.00	4.50 + 3.75		= 41.25
	4	30.00	3.75		= 450.00
	1	13.00	3.75		= 48.75
	1	10.00	3.75 + 6.80		= 52.75
	1	10.00	6.80 + 3.75		= 52.75
	4	30.00	3.75		= 450.00
	1	10.00	3.75		= 37.50
	1	10.00	3.75 + 5.00		= 43.75
	1	10.00	5.00 + 3.75		= 43.75
	1	15.00	3.75		= 56.25
	1	10.00	3.75 + 5.30		= 45.25
	1	7.00	5.30 + 3.75		= 45.25 31.68
	1	18.00	3.75		= 56.25
					= 2648.38 M ²

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	1	15.00	3.75	5.50	= 23.13 m ²
<u>Link to Temple (00 - 65 m)</u>					
1	1	15.00	3.75	3.75	=
1	1	8.40	3.75	3.50	=
1	1	12.60	3.50		=
1	1	14.00			=
	1	15.00	7.00	3.75	= 26.88
	2	30.00	3.75		= 225.00
<u>Link to Manikola (220 m + 45 m)</u>					
	1	15.00	7.25	3.75	= 27.50
	1	8.40	3.75	3.50	= 30.45
	1	12.60	3.50	(Av)	= 44.10
	1	14.00	5.20		= 72.80
	1	19.00	5.20	4.25	= 89.78
	1	18.00	4.25	3.75	= 72.00
	1	12.00	3.75	3.00 + 3.75	= 42.00
	1	9.00	3.75		= 33.75
	1	7.00	5.20	3.75	= 31.33
	3	30.00	3.75		= 337.50
End -	1	25.00	3.75		= 93.75
East side -	1	15.00	5.20	3.75	= 22.38
	1	27.00	3.75		= 101.25
	1	13.00	3.75	3.00 + 2.75	= 41.17
<u>Link to Advocate House.</u>					
	1	10.00	6.40	3.75	= 50.75
	1	18.00	3.75		= 67.50
	1	10.00	3.75	4.50	= 41.25
	1	10.00	4.50	3.75	= 41.25

= 4163.90 m²

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	3	30.0	3.75		337.50
	1	4.0	3.75		15.0
	Total Adj				4516.40 M ²

(2/10) Apply Top coat

W.P. (P.V.) — do — do
(Below Mass)

✓ Area same above it = 4516.40 M²

(3/9) Apply Primer coat

W.P. (SS-V) — do — do
(Below Top coat)

✓ Area same above it = 4516.40 M²

(4) Construction of Embankment

do — do — do

Ch.	Area cls	Mean Area	Distance	Volume
00	7.532	—	—	—
50	7.457	7.495	50	374.725
100	7.59	7.524	50	376.175
150	8.16	7.875	50	393.750
200	9.358	8.759	50	437.950
250	9.348	9.353	50	467.650
300	9.292	9.320	50	466.000
350	9.834	9.563	50	478.150
400	8.90	9.367	50	468.350
450	9.829	9.365	50	468.225
500	8.862	9.346	50	467.275

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
550	10.888	9.875		50.00	493.750
600	11.963	11.426		50	571.245
650	7.694	9.829		50	491.425
678	7.446	7.570		28	211.960
Link					
00	6.607	-		-	-
50	6.898	6.753		50	337.625
65	7.747	7.323		15	109.838
Link					
00	7.696	-		-	-
50	7.378	7.537		50	376.850
100	8.243	7.811		50	390.525
150	7.648	7.946		50	397.275
200	7.519	7.584		50	379.175
250	7.063	7.291		50	364.550
265	7.63	7.347		15	110.198
Link					
00	8.961	-		-	-
50	9.742	9.352		50	467.575
100	7.136	8.439		50	421.980
142	7.063	7.100		42	298.179
Total (over 1600 ft)					9820.40 M ³
Say -					9820.40 M ³
Deduction of Grout					(2)
(1) Sub-grade should be (P/2) =					3714.37 M ³
(ii) Coarse Sand (P/29) =					844.95 M ³
(iii) G.S.B. Grt (P/31) =					972.64 M ³
(iv) W.B.M. Grt - =					339.55 M ³
					= 5871.51 M ³ (B)

Continuation

Net Embdy	Qty	$= (a - b)$	
		$= 9820.00 - 5871.51$	
		$= 3948.49 \text{ m}^3$	

5/7/2022
JE

~~8 June 2017~~

Final Bill

N/week!	Construction	with	5 years
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Hand of sand from Bhatan

Chok to Marwa - Priyanshu

road under M Masy (sc)

1st Phenotypic Block

No/Agency: Nishij Kumar

Agrado: -	22/5/20/2020-21
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Start date -	18/9/2020
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Int. doc # Corp - 17/9/2021

Achei o Comp. lindo to. 18/8/2022

Lab 1	Measur. Only	18/8/2022
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(1/2)	P/R & Grip	Ry. Stone
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do	—	do	up	ox
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✓	Total	-	2 Nos
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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(2/13) 200 mm Stone Bricks					
✓ Total					4 Nos
(3/14) 600 mm Circular					
Septic Apr					
✓ Total					4 Nos
(4/15) 900 mm equalizer					
Septic Apr					
Total					2 Nos
(5/16) 600 x 400 mm Kent					
Apr					
Total					2 Nos
(6/17) P.V.C. lay-p Hot applied					
Thermoplastic compound					
Read Mark p					
2 x 22 x 30.00 x 0.10 =					132.00 M ²
2 x 1 x 18.00 x 0.10 =					3.60 "
2 x 2 x 30.00 x 0.10 =					12.00
✓ 2 x 1 x 5.00 x 0.10 =					1.00
2 x 7 x 30.00 x 0.10 =					42.00
2 x 1 x 10.00 x 0.10 =					2.00
2 x 3 x 15.00 x 0.10 =					9.00
2 x 4 x 30.00 x 0.10 =					24.00
2 x 1 x 22.00 x 0.10 =					4.40
Subtotal					
4 x 5 x 0.10 x 1.00 =					2.00
					= 232.00 M ²
(7/18) Plaster of Paris					
Total					120 M ²

Continuation

23,255 = +

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(4/4) Construction of Embankment w/cpl Road 100m — do					
$Q_1 = 3948.49 \text{ m}^3$ (P-38, H-4)					
Limit to 3941.75 m^3 @ $153 = 66 \text{ m}^3$ — 2					605689 = 4
(5/5) Construction of bus grade 8.8m wide — do					
$= 3714.37 \text{ m}^3$ (P-27, H-3/5)					
@ $192 = 25 \text{ m}^3$ — 2					7,14,087 =
(6/6) Filling included in — do Cuts (Coarse sand)					
$= 805.73 \text{ m}^3$ (P-22, H-6/8)					
$= 39.32 \text{ m}^3$ (P-29, H-4/6)					
$= 844.95 \text{ m}^3$					
@ 1924.09 m^3 — 2					1625760 =
(7/7) Cont of G.S.B. Gr I do — do up to					
$= 861.59 \text{ m}^3$ (P-22, H-7/7)					
$= 111.05 \text{ m}^3$ (P-21, H-5/7)					
$= 972.64 \text{ m}^3$					
@ $2509 = 50 \text{ m}^3$ — 2					24,40,840 =
(8/8) Lap of 2 up to 10 G.S.M. Gr 3 — do					
$= 307.33 \text{ m}^3$ (P-22, H-8/8)					
$= 32.22 \text{ m}^3$ (P-23, H-6/8)					
$= 339.55 \text{ m}^3$					
@ $3116 = 09 \text{ m}^3$ — 2					1058068 =
(9/9) Apply of form coal					
$= 4516.40 \text{ m}^2$ (P-36, H-3/9)					
@ $43 = 12 \text{ m}^2$ — 2					194747 =

Continuation

2 66,2,446 =

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(10/10) Apply of Tack coat					
at			2A	0	
$Q_{15} = 4516.40 \text{ M}^2$ (P. 36, Pt 2/10)					
@ 14 = 76/M ²					₹ 666200
(11/11) Lay of 20mm thick					
M.S.S. Type 'B'					
$= 4516.40 \text{ m}^2$ (P. 36, Pt 1/11)					
@ 197 = 91/M ²					₹ 8938400
(12/12) Gro of 100 stone					
Cut					
$= 2 \text{ Nos}$ (P. 38, Pt 1/12)					
@ 2300 = 79 each					₹ 460200
(13/13) Gro of 200mm stone					
$= 4 \text{ Nos}$ (P. 39, Pt 2/13)					
@ 587 = 09 each					₹ 234800
(14/14) Gro under Circle					
Sup (spread bed)					
$= 4 \text{ Nos}$ (P. 39, Pt 3/14)					
@ 4613 = 67 each					₹ 1845500
(15/15) Gro under circle bed					
Top 10 cm					
$= 2 \text{ Nos}$ (P. 39, Pt 4/15)					
@ 5098 = 84 each					₹ 1019400
(16/16) Gro under 20mm bed					
Sup					
$= 2 \text{ Nos}$ (P. 39, Pt 5/16)					
@ 4428 = 29 each					₹ 897700

₹ 76675240

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(17/17) Road Marshy work					
1st top 1.50 1st 1.50 1.50					
C. p. d. — — —					
= 232.00 M ² (P-39, 9+ 6/17)					
② 842-62/M ² — — —					₹ 167492=
721-95/M ²					
(18/18) Planing of T. R. o.					
do — — —					
= 120 Nos (P-39, 9+ 7/18)					
② 842-62/1900 — — —					₹ 1,01,114=
(19/19) 30 mm chs Bee					
C. 510 chs Bee					
= 38.00 M (P-22, 9+ 9/19)					
② 834-65/M — — —					₹ 31717=
(20/20) Direction & Place 2nd					
do 1.50 — — —					
= 1 No (P-40, 9+ 7/20)					
② 11342-73 each — — —					₹ 11343=
(21/21) 4 mm GSY Project Inf. Lng					
Band work 1.50 — — —					
= 2 Nos (P-22, 9+ 10/21)					
= 3 Nos (P-40, 9+ 8/21)					
= 5 Nos					
② 10880-90 each — — —					₹ 54405=
					₹ 80,33,595=
Add. Lab. 6% 1% — — —					₹ 80336=
Add. GST. 12% — — —					₹ 964031=
					₹ 90,77,962=

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Overall Material Statement</u>					
(i) Earth Qty					= 7656.12 m ³
(ii) Stone Metal m (G3B)					= 933.73 m ³
(iii) Stone Metal m (G3)					= 410.86
(iv) Coarse Sand					= 1078.35 m ³
(v) Stone Screening (11.2mm)					= 81.50 m ³
(vi) Stone Chute m M.S.S.					= 121.94 m ³ 146.24 m³
(vii) Bitumen V5-10 (5-90)					= 8581.66 kg 14291.00 kg
(viii) Emulsion (SS-1)					= 3839.44 kg 4604.00 kg
(ix) Emulsion (RS-1)					= 1242.60 kg 1420.00 kg

P
18/8/2022
Challans are not submitted by contractor.
27/10/22

Supplied of Bitumen & Emulsion				
Material	Date	Invoice	Quantity	Qty
Bitumen (V5-10)	1/7/22	1367561-22000331	I.O.C.	9222.60 kg

P
18/8/2022