

345BD/2018-19

NAKSUTAN NAWADAL KE GHAR SE
NAWADAL TOLI KAWHOLI TAK,
Shedule XLV Form No. 134.

BEWIDUR

DIVISION

NWUHSY-SC

BEWIDUR

SUB-DIVISION

Measurement Book

N.D. NAWADAL

N.B.N.-

1044

BENIPUR DIVISION
BENIPUR SUB-DIVISION

ग्रामीण कार्य विभाग, कार्य
प्रमण्डल, बेनीपुर (दरभंगा)

Measurement Book

No. 1044

Name of officer अशोक कुमार

सहायक अभियंता - बेनीपुर

Date of first entry _____

Date of last entry _____

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.	
	1st on the bill				
Name of work - (cont.) of road from					
	Makaydan Mandal ke				
	ghat se Mandal tole kar-				
	houlie - tak under mangsy				
	(sc)				
Agency's name - Sri Narsingh Ahirwar					
	At P.O. Chandanpatti P.S. 11/11/17				
	Dist. Dargahpur,				
Agri. No. 34 SBD/2018-19					
Agri. Amount Rs. 3642513/-					
Rate 0.02% Below.					
Date of start - 1/3/2019					
Date of comp. (15/10/19)					
Skip out P.O. 11/11/17					
① PIV 87 P WBY. P.O. 11/11/17					
11/11/17					
② PIV 87 P of reference. 11/11/17					
11/11/17					
③ Site clearance of public road					
250 x 3.50 = 875					
= 0.0875 Hect					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(4) Casting of concrete for foundation with 10% reinforcement					
material of concrete	do	do	do		
	quantity	length	mean breadth	depth	volume
	0	0.3	-	-	-
	50	1.52	0.91	50	45.5
	100	1.70	1.61	50	80.5
	150	1.94	1.82	50	91
	200	1.50	1.72	50	86
	250	1.60	1.55	50	77.5
					380.5
(9) Total area of foundation					266.35 m ³

(10) Total area of foundation					114.15 m ³
(5) Excavation for foundation					
	2x20	$\frac{1.35 + 0.3}{2}$	$\times 0.12$	1.3	
	2x20	$\frac{1.035 + 0.1}{2}$	$\times 0.12$	1.4	
	2x30	$\frac{1.375 + 0.1}{2}$	$\times 0.12$	2.25	
	2x30	$\frac{1.45 + 0.4}{2}$	$\times 0.12$	3.15	
	2x20	$\frac{1.35 + 0.4}{2}$	$\times 0.12$	1.5	
	2x5.50	$\frac{1.35 + 0.1}{2}$	$\times 0.12$	0.38	
	2x2	$\frac{1.09 + 0.3}{2}$	$\times 0.12$	0.14	
	2x15	$\frac{1.03 + 0.1}{2}$	$\times 0.12$	0.68	
	2x15	$\frac{1.03 + 0.35}{2}$	$\times 0.12$	1.28	
					12.19 m ³

Continuation

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(7) PIV NW 1/4 (r 1/2) do - do EP 2					
	20	$\frac{3.70 + 3.60}{2}$		$\times 0.075$	5.48
	20	$\times 3.70$		$\times 0.075$	5.55
	1	$\times 30$	$\times 3.75$	$\times 0.075$	8.44
	1	$\times 30$	$\times \frac{3.80 + 4.20}{2}$	$\times 0.075$	9.11
✓		$\frac{6.80 + 5.30}{2}$	$\times \frac{1.20 + 1.80 + 1.20}{3}$	$\times 0.075$	1.24
	20	$\times \frac{3.70 + 3.80}{2}$		$\times 0.075$	5.62
	5.50	$\times 3.70$		$\times 0.075$	1.53
					36.977
6/19/2020 Sum 6/9/2020 AF					

(8) PIV ce faveur - 1/30 do EP 2					
	2	$\times \frac{4.80 + 3.60}{2}$		$\times 0.16$	1.34
	1	$\times 15$	$\times \frac{3.60 + 3.25}{2}$	$\times 0.16$	8.22
	1	$\times 10$	$\times 2.85$	$\times 0.16$	4.56
✓		$\times 4.40$	$\times 0.85$	$\times 0.16$	0.60
	1	$\times 15$	$\times 2.70$	$\times 0.16$	6.48
	1	$\times 14$	$\times \frac{2.70 + 2.55}{2}$	$\times 0.16$	7
	15	$\times \frac{3.55 + 3.95 + 3.75}{3}$		$\times 0.16$	9
✓		$\times 3.40$	$\times \frac{4.80 + 4.20}{2}$	$\times 0.16$	2.45
	1	$\times 20$	$\times 3.75$	$\times 0.16$	12
✓	15	$\times \frac{3.50 + 2.75}{2}$		$\times 0.16$	7.5
	14	$\times \frac{3.50 + 2.90}{2}$		$\times 0.16$	7.17
	11.50	$\times \frac{2.90 + 3.25 + 2.60}{3}$		$\times 0.16$	5.37
					71.697
Continuation					

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Particulars	Details of actual measurement				Co. of area
	No.	L.	B.	D.	
	1x	15x	2.90	0.16	6.96
	20x	$\frac{3.70+3.65}{2}$	0.16		11.68
	1x	20x	3.70	0.16	11.84
	1x	30x	3.75	0.16	18
	30x	$\frac{3.90+4.20+3.70}{3}$	0.16		18.88
	1x	$\frac{6.80+5.30}{2}$	$\frac{1.20+2.80+4.20}{3}$	0.16	2.64
	30x	$\frac{2.70+3.80}{2}$	0.16		18
	5.50x	3.70	0.16		3.26
					162.89

⑨ Gully & Sub-grade 8E (S-20E)E

2x2x	30x	$\frac{0.5+0.4}{2}$	0.235	12.69
2x	10x	$\frac{0.8+1.2}{2}$	0.235	4.70
1x	20x	$\frac{0.8+1}{2}$	0.235	4.23
2x2x	30x	$\frac{0.4+0.5}{2}$	0.335	18.09
1x	25x	$\frac{0.5+0.6}{2}$	0.335	4.6
1x	30x	$\frac{0.5+0.7}{2}$	0.335	6.03
				50.3475

⑩ 400 Kilo wate Stone 2 EPR

(9) road kerb	1M			
(b) 200 m Stone	1M			

⑪ 400 Kilo wate Stone 2 EPR

3M				
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Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(12) first trip Traffic sign board					
(19) brown circular & triangular					4 NS.
(b) brown circular					2 NS.
(c) brown x 450 mm rectangular					2 NS.
(13) 1st Road marking 2nd					
		27 x 57 x 0.1			51.4 M
21/9/20 21/9/2022 AF					

Abstract of all					
(1) Left hand pillar w BTH pillar 2022					
Qty side T.B.P. 18 x 1					
1 No. cb. 4283.48 / No.					B. 4283.2
(2) 1st & 2nd reference pillar / bridge					
Qty side T.B.P. 18 x 2					
1 No. cb. 1971.02 / No.					B. 1971.2
(3) site clearance & grubbing land					
Qty side T.B.P. 18 x 3					
0.0875 Hect cb. 50 M. 8.62 / Hect					B. 4388.2
(4) Cost of concrete work w/ approach road					
Qty side T.B.P. 28 x 4					
(a) 100 mcb. 266.357 cb. 116.49 / 1					31027.2
(b) 100 mcb. 114.157 cb. 153.23 / 1					17720.2
5					

Continuation

59389.2

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(5) Excavation for road work					
8 1/2 ft wide T&B. 24 ft 5 in					
15.23 m ² ex. 77-70/7					1183 m
(6) P.V. G.S.D. P.V. to do EL					
8 1/2 ft wide T&B. 38 ft 6 in					
20.83 m ² ex. 2868.95/7					59760 m
(7) P.V. W.B.M. (r) II do do EL					
8 1/2 ft wide T&B. 4 ft 7 in					
36.97 m ² ex. 3395.01/7					12594 m
(8) P.V. to lay out road to do EL					
10 8 1/2 ft wide T&B. 4 ft 8 in 8					
162.87 m ² ex. 7647.05/7					1246087 m
(9) Counting sub grade set 12 EL					
8 1/2 ft wide T&B. 5 ft 8 in (5)					
50.34 m ² ex. 156.97/7					7902 m
(10) P.V. Kilometre station to do EL					
8 1/2 ft wide T&B. 5 ft 8 in 10					
(11) Ordinary K.M. station - 1 No. ex. 2595.51					2596 m
(12) 200 m station - 1 No. ex. 674.59					675 m
(13) P.V. 2 ft P.M. by top of intermediate ex.					
13 8 1/2 ft wide T&B. 5 ft 8 in 11					
3 No. ex. 9796.07/10					29388 m
(14) P.V. 2 ft P.M. by top of intermediate ex.					
8 1/2 ft wide T&B. 6 ft 12					

Continuation

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