

Photocopy Passaguan Road to Davao

Shedule XLV Form No. 134. Davao to 19

E.E R.W.D (W)

DIVISION

A.E R.W.D (W)

SUB-DIVISION

Wazigang

Measurement Book

Handwritten notes: "Handwritten" and "Handwritten"

Handwritten notes: "Handwritten" and "Handwritten"

Handwritten numbers: 333, 334, 335

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1. Name of work :-					
passing road to Devachak Dushadh					
tola.					
2. Agency:-					
Asit Kumar prajapati					
3. Agreement No:-					
24/may/1985/Akshay/					
23-24					
4. D. of commencement:-					
31.1.24					
5. D. of completion:-					
30.1.25					
6. Block:-					
Wardhamaj					
7. Length =					
0.357 km					

8. Bdow = 0.057.

Work done:-

1. (i) const' of Reference

and working benchmark

— — complete all jobs

$$1 \times 30m = 30.0$$

$$5 \times 30m = 150.0$$

$$5 \times 30m = 150.0$$

$$1 \times 27.00m = 27.0$$

$$357.0m$$

$$= 0.357$$

km.

(ii) const' of Reference

Pillar/Burds — —

Complete all jobs

$$1 \times 0.357 km = 0.357$$



IInd & Final Bill

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Sch. XLV-Form No. 134

[illegible]

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	H.	
(3) Providing concrete for plain surface - concrete in steps -					
		$2 \times 6.30 \times 1.40 \times 0.15$			$= 2.65 \text{ m}^3$
(4) P.C.C. grade M-20					
		$2 \times 6.00 \times 1.025 \times 1.35$			$= 16.610 \text{ m}^3$
		$1 \times 5.90 \times 1.50 \times 0.25$			$= 2.210 \text{ m}^3$
					18.82 m^3
(5) P.C.C. grade M-20					
		$2 \times 6.00 \times 0.533 \times 1.80$			$= 11.52 \text{ m}^3$
		$2 \times 6.00 \times 0.40 \times 0.60$			$= 2.88 \text{ m}^3$
Deduction for base layer -					
		$2 \times 3.14 \times (1.20)^2 \times 0.60$			$= 1.36 \text{ m}^3$
					13.04 m^3
(6) Providing & laying cement concrete hand pipe.					
		3×2.50			$= 7.50 \text{ m}$
(7) Filling in foundation for pipe.					
		$2 \times 6.00 \times 0.405$			$= 4.860 \text{ m}^3$
		$1 \times 6.30 \times 1.50 \times 0.90$			$= 8.510 \text{ m}^3$
Deduction :-		$1 \times 6.30 \times 0.915$			$(-) 5.730 \text{ m}^3$
					7.64 m^3

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(9) Providing and laying asphalt for base preparation.					
1x	3.60x	2.30x	0.30	=	2.424m ³
1x	6.00x	0.30x	0.60	=	1.080m ³
1x	3.60x	1.86x	0.30	=	2.010m ³
					5.574m ³
(9) Const. of Panel					
Concrete plain cement					
Concrete pavement.					
10x	25.00x	3.75x	0.10	=	93.75m ³
4x	25.00x	3.75x	0.10	=	37.50m ³
1x	7.00x	3.75x	0.10	=	2.625m ³
					133.875m ³
					2.677m ³
Extra width 2% =					136.552m ³
(10) Laying brick setting					
layers on preparation.					
2	x 14x	25.00x	0.50	=	350.00m ²
(11) Const. of Subgrade					
and earthen shoulder					
with approved material.					
2x	14x	25.00x	1.60x	0.10	= 112.00m ³
2x	1x	7.00x	1.60x	0.10	= 2.24m ³
					114.24m ³
2x	14x	25.00x	1.20x	0.15	= 126.00m ³
					240.24m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(12)	Const. of embankment with approved material obtained from borrow pits				
	CH	M ²	Mean length	Qty	
	00	4.60	—	—	—
	100	4.80	4.70	100	470.00
	200	4.70	4.75	100	475.00
	300	4.20	4.45	100	445.00
	357	3.80	4.00	57	228.00
					1618.00 M ³

Deduction of Qty -					
Ins B - 135.37 M ³					
Ins III - 102.40 M ³					
Subgrade - 240.24 M ³					
478.01 M ³					
Deduction = 1618.00 M ³ - 478.01 M ³					
= 1139.99 M ³					
(2) 1000 mm load 1139.99 M ³ @ 90% = 341.99 M ³					
(22) 100 mm load 1139.99 M ³ @ 70% = 797.99 M ³					
(13)	ordinary kilometer				
	Stone				
	2.00 Each				
(14)	200 mm Stone				
	1.00 each				

Continuation

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		Abstract of Cost			
(1/1)		Const. of reference			
		hooking Recharge.			
P/5		0.357 km			
		Q 5872=01		R= 2096=00	
(2/2)		Const. of reference			
		Pillar.			
P/5		0.357 km			
		Q 4137=08		R= 1477=00	
(3/3)		Cleaning & grading road Const.			
P/5		0.249 km			
		Q 75573=34		R= 18817=00	
(4/4)		1000 m Load.			
P/14		341.9943			
		Q 259=60		R= 99781=00	
(5/5)		1000 m Load.			
P/14		797.9943			
		Q 211=39		R= 168687=00	
(6/6)		Const. of subgrade			
		earth on shoulder			
		with proposed width 9/.			
P/13		240.2443			
		Q 263=14		R= 63217=00	

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(7/7)	Const. of chas by providing well 8" x 14" surface				
P/5		135.37	m ³		
		C 2297=53		R=302894=00	
(8/8)	Providing, laying				
	Spreading & Compacting				
	grade-2 material.				
P/11		102.404	m ³		
		C 3386=76		R=346818=00	
(9/9)	Const. of panel concrete				
	plain cement concrete				
	pavement.				
P/13		136.56	m ³		
		C 7820=56		R=1067976=00	
(10/10)	Laying brick setting				
	layer on prepared.				
P/13		350.00	m ²		
		C 518=24		R=181384=00	
(11/11)	Ordinary Kilometer				
	Stone.				
P/14		2.00	each		
		C 2752=32		R=5505=00	
(12/14)	200mm Stone.				
P/14		1.00	each		
		C 780=27		R=780=00	

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(13/15) Painting two coats including prime coat.					
P/15		22.32m ²			
	Q	137=83		P=3076=00	
(14/17) Providing & fixing of typical MNSY infomatory signboard.					
P/15		1.00 Nos			
P/16		2.00 Nos			
		3.00 Nos			
	Q	11187=77		P=33563=00	
(15/18) 600mm square tile					
P/15		2.00 Nos			
	Q	4455=21		P=8910=00	
(16/19) 600mm x 450mm rectangular					
P/15		2.00 Nos			
	Q	5746=18		P=11492=00	
(17/20) Providing & laying of hot applied thermoplastic.					
P/15		71.40m ²			
	Q	906=00		P=64688=00	

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(18/11) C/W excavation of foundation of structure.					
P/11		29.12 m ³			
	C	398=62		R=11608=00	
(19/12) PCC M-15					
P/12		2.640 m ³			
	C	5826=68		R=15441=00	
(20/23) PCC M-20					
P/12		18.820 m ³			
	C	6347=67		R=119388=00	
(21/24) PCC Grade M-20					
P/12		13.04 m ³			
	C	6644=33		R=86642=00	
(22/25) 1000 mm dia pipe.					
P/12		7.50 m			
	C	3967=84		R=29759=00	
(23/26) Laying Cement concrete pipe NP3.					
P/15		20.00 m			
	C	856=71		R=17134=00	
(24/27) Filling in foundation					
P/12		7.64 m ³			
	C	575=24		R=4395=00	

Continuation

Continuation