

Alipur Road to village Wazipur

SH-78 to village Wazipur

Schedule XLV Form No. 134.

PAE (211/2)

DIVISION

PA-7

SUB-DIVISION

Measurement Book

3091

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 measurement relating to each work)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1st Final Bill					
Name of Road - H/R To Road from SH 78 To Gajipur.					
Agency - Sri Shri Shankar Prasad					
Agreement No - MBD-02/2020-21					
				MBD-02(5)/2020-21	
Date of commencement - 07/07/20					
Date of completion - 06/04/21					
Date of entry - 14/11/21					
Actual date of completion - 28/3/22					

MEASUREMENT

① Clearing & Grubbing Road Canal

2x	7x	30.00x	1.25	525.00 m ²
2x	7x	30.00x	1.25	525.00 m ²
2x	7x	30.00x	1.25	525.00 m ²
2x	1x	15.00x	1.25	37.50 m ²
				1612.50 m ²
				1612.50/10000 = 0.16125 Hk.

② Scarifying Existing B.P. Surface

4x	2.15x	0.60	-	5.16 m ²
6x	1.75x	0.90	-	9.45 m ²
3x	4.20x	1.15	-	14.49 m ²
				29.10 m ²

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
B.F.	—	—	—	—	29.10m ²
	1x	3.2x	1.25		3.90m ²
					33.00m ²

③ Construction of G.S.B. hr II

	1x	5.50x	0.95x	0.20	1.045m ³
	1x	4.50x	1.10x	0.20	0.990m ³
	1x	8.00x	1.00x	0.20	1.600m ³
	1x	6.20x	1.10x	0.15	0.837m ³
	1x	3.00x	1.25x	0.15	0.563m ³
	1x	5.00x	1.10x	0.15	0.825m ³
	1x	3.50x	1.50x	0.15	0.788m ³
	1x	3.00x	1.75x	0.15	0.788m ³

	1x	5.50x	1.50x	0.20	1.650m ³
	1x	3.50x	2.00x	0.15	1.050m ³
	1x	2.50x	1.50x	0.15	0.563m ³
	1x	5.50x	1.25x	0.20	1.375m ³
	2x	30.00x	3.75x	0.20	45.00m ³
					57.074m ³
					114 - 57.074m³

④ P.V. laying 4 cou per day 60 B.M. hr-2

	1x	5.50x	1.25x	0.075	0.516m ³
	1x	4.50x	1.15x	0.075	0.388m ³
	1x	8.00x	1.20x	0.075	0.720m ³
					1.624m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
B.P.					1.6244 ³
1x	6.20x	1.10x	0.075		0.5124 ³
1x	3.00x	1.50x	0.075		0.3384 ³
1x	5.00x	1.10x	0.075		0.4134 ³
1x	3.50x	1.50x	0.075		0.3944 ³
1x	3.00x	1.75x	0.075		0.3944 ³
1x	5.50x	1.80x	0.075		0.7434 ³
1x	3.50x	2.00x	0.075		0.5254 ³
1x	2.50x	1.50x	0.075		0.2814 ³
1x	5.50x	1.50x	0.075		0.6194 ³
2x	30.00x	3.75x	0.075		16.8754 ³
1x	5.50x	1.80x	0.075		0.7434 ³
1x	8.50x	1.50x	0.075		0.9564 ³

24.4134³Total 24.4144³⑨ Plr, laying & comp. by WBM 6m³

1x	5.50x	1.25x	0.075		0.5164 ³
1x	4.50x	1.15x	0.075		0.3884 ³
1x	8.00x	1.20x	0.075		0.7204 ³
1x	6.20x	1.10x	0.075		0.5124 ³
1x	3.00x	1.50x	0.075		0.3384 ³
1x	5.00x	1.10x	0.075		0.4134 ³
1x	3.50x	1.50x	0.075		0.3944 ³
1x	3.00x	1.75x	0.075		0.3944 ³

3.6754³

Continuation

5) Plr 4 applying Prime cost (SSI)			
20	20	62	
	4x 2.15 x 0.60	5.16	42
	6x 1.75 x 0.90	9.45	42
	3x 4.20 x 1.15	14.49	43
	1x 3.12 x 1.25	3.90	42
		33.00	42

Scanned with CamScanner

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
B.P.					33.0042
		1x	5.50x	1.25	6.83542
		1x	4.50x	1.15	5.12542
		1x	8.00x	1.20	9.60042
		1x	6.20x	1.10	6.8242
		1x	3.50x	1.50	4.5042
		1x	5.00x	1.10	5.5042
		1x	3.50x	1.50	5.2542
		1x	3.00x	1.45	5.2542
		1x	5.50x	1.80	9.9042
		1x	3.50x	2.00	7.0042
		1x	2.50x	1.50	3.7542
		1x	5.50x	1.50	8.2542
		2x	30.00x	3.75	225.0042
		1x	5.50x	1.80	9.9042
		1x	8.50x	1.50	12.7542
		1x	6.50x	2.15	13.97542
		2x	7.50x	1.50	22.5042
		1x	12.00x	2.50	30.0042
		1x	8.00x	2.50	20.0042
		1x	10.00x	1.90	19.0042
		1x	6.00x	2.15	12.9042
		1x	5.00x	1.50	7.5042
		1x	9.00x	1.19	10.7142
		1x	4.00x	1.00	4.0042
		1x	6.80x	2.10	13.6542
		1x	5.50x	1.25	6.93842
					519.69342

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	13.4				517.69342
		2 x	2.25 x	2.10	9.4542
		1 x	5.25 x	1.50	7.87542
		1 x	9.75 x	1.75	17.06342
		2 x	6.25 x	1.25	15.62542
		1 x	7.50 x	1.75	13.12542
		1 x	11.50 x	1.75	20.12542
		2 x	8.75 x	1.25	21.87542
		1 x	8.75 x	2.15	17.73842
		2 x	9.50 x	1.15	21.85042
		2 x	8.25 x	1.25	20.62542
		1 x	7.65 x	2.25	17.21342
		1 x	8.50 x	1.50	12.75042

		2 x	8.55 x	1.75	29.92542
		1 x	11.25 x	2.50	28.12542
		1 x	7.55 x	1.25	9.43842
		2 x	11.50 x	1.65	37.95042
		1 x	6.25 x	2.25	14.06342
		1 x	12.50 x	1.50	18.75042
		2 x	10.00 x	2.50	50.00042
		1 x	7.50 x	3.10	23.25042
		2 x	8.25 x	2.50	41.25042
		1 x	9.50 x	2.75	26.12542
		2 x	11.50 x	2.50	57.50042
		1 x	10.75 x	3.50	37.62542
		2 x	8.50 x	3.10	52.70042
					1141.70842

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑦ Providing & applying Tack Coat (RSI)					
-----20-----					
		2X	6.25X	1.75	21.875 m ²
		1X	11.30X	2.10	23.730 m ²
		1X	9.80X	2.25	22.050 m ²
		1X	10.20X	1.90	19.38 m ²
		1X	8.40X	2.10	17.64 m ²
		1X	3.36X	0.90	3.024 m ²
					107.700 m ²
⑧ Prime Coat W.M.B.P-4					1141.708 m ²
2 new No - 08					1249.407 m ²
⑨ P/Laying & rolling H.S.S. 20mm					
-----20-----					

Qty. Same As TM/BP-07	
2 new No - 08	
1249.407 m ²	1249.407 m ²

⑩

8/3/12

⑩ Providing & applying Tack Coat (RSI)					
-----20-----					
1X 18.00X		10.00+5.60+3.75			119.700 m ²
		2			
		8X	30.00X	3.75	900.000 m ²
		8X	30.00X	3.75	900.000 m ²
		8X	15.00X	3.75	56.250 m ²
1X 16.00X		3.75+5.00+3.75			66.667 m ²
		3			
		1X	30.00X	3.75	112.500 m ²
					2155.520 m ²

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	B.P.				2155.12 m ²
	1x	18.00x	3.75 + 6.00 + 3.75		171.00 m ²
		2x	30.00x	3.75	225.00 m ²
		1x	8.00x	3.75 + 4.00	31.00 m ²
					2516.12 m ²
					2492.12 m ²

⑩ P/R Laying Semi Dense Ashburn Con

crete	20	20	20	12	
	1x	18.00x	10.60 + 5.60 + 3.75	0.025	2.992 m ³
			3		
	8x	30.00x	3.75x	0.025	22.500 m ³
	8x	30.00x	3.75x	0.025	22.500 m ³
	1x	15.00x	3.75x	0.025	1.406 m ³
	1x	16.00x	3.75 + 5.00 + 3.75	0.025	1.667 m ³
			3		
	1x	30.00x	3.75x	0.025	2.812 m ³
	1x	18.00x	3.75 + 6.00 + 3.75	0.025	2.025 m ³
			3		
	2x	30.00x	3.75x	0.025	5.625 m ³
	1x	8.00x	3.75 + 4.00	0.025	0.725 m ³
			2		
					62.302 m ³

⑪ Providing Laying Boulder Atchuy

	20	20	20	12	
	1x	9.00x	5.00x	0.30	13.50 m ³
	1x	5.00x	6.20x	0.30	9.30 m ³
	1x	7.00x	5.60x	0.30	11.76 m ³
	1x	6.20x	4.00x	0.30	7.44 m ³

42.00 m³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(12) Bonding & Laying Filter media					
-----do-----do-----do					
	1X	9.00X	5.00X	0.15	6.75m ³
	1X	5.00X	6.20X	0.15	4.65m ³
	1X	7.00X	5.60X	0.15	3.48m ³
					5.88m ³
	1X	6.20X	4.00X	0.15	3.72m ³
					21.00m ³
(13) P/R Brick masonry in CM (1:3)					
-----do-----do-----do					
	2X	2X	6.00X	0.40X	0.60
					5.76m ²
(14) Bonding PCC M-20					
-----do-----do-----do					
	2X	2X	6.00		24.00m ²
(15) Plastering with cement mortar (1:4)					
-----do-----do-----do					
	2X	4X	6.00X	0.60	28.80m ²
	2X	2X	6.00X	0.40	9.60m ²
	2X	4X	0.40X	0.60	1.92m ²
					40.32m ²
(16) Painting Two coats on new surface					
-----do-----do-----do					
	2X	4X	6.00X	0.60	28.80m ²
	2X	2X	6.00X	0.40	9.60m ²
	2X	4X	0.40X	0.60	1.92m ²
					40.32m ²

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(2) Providing flagging Duct R/S 300mm					
-----do-----do-----do					
		1x	3x	2.50m	7.50m
(3) P/R RCC M-15 Boundary pillars					
-----do-----do-----do					
		11.00	No		11.00 No
(4) P/R RCC M-15 K.M. Stone					
-----do-----do-----do					
		1x	2.00	No	2.00 No
(5) P/R RCC M-15 200mm stone					
-----do-----do-----do					
		1x	2.00	No	2.00 No
(6) P/R 4 feet high Direction Board					
-----do-----do-----do					
		1x	4.00	No	4.00 No
(7) P/R 4 feet high 600mm Triangle					
-----do-----do-----do					
		1x	2.00	No	2.00 No
(8) P/R 4 feet high 900mm octagonal					
-----do-----do-----do					
		1x	1.00	No	1.00 No
(9) Planting of trees by the road side					
-----do-----do-----do					
		26.00	No		26.00 No
(10) Providing & laying road marking					
-----do-----do-----do					
	2x	8x	30.00x	0.10	48.00m ²
					48.00m ²

Continuation

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
ABSTRACT OF COST					
① Clearing & grubbing Round Land					
0.1625 Hk.	VTMBP-01				
	@ Rs 51137.38/Hk				Rs 8246/-
② Scarifying existing B.T. surface					
33.00 m ²	VTMBP-02				
	@ Rs 15.74/m ²				Rs 519/-
③ Construction of Subgrade					
227.80 m ³	VTMBP-11				
	@ Rs 227.49/m ³				Rs 51822/-
④ Construction of G.S.B Gr-II					
57.072 m ³	VTMBP-02				
	@ Rs 1548.06/m ³				Rs 88351/-
⑤ Spreading & Compacting WBM Gr-2					
24.414 m ³	VTMBP-03				
	@ Rs 2710.77/m ³				Rs 66181/-
⑥ Spreading & Compacting WBM Gr-3					
34.902 m ³	VTMBP-04				
	@ Rs 2455.93/m ³				Rs 85717/-
					Rs 300836/-

Continuation

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
	B.F.			Rs 200226/-
① Providing & applying thin coat (55)				
.....do.....do.....do				
1141.708 m ² VTMBP-06				
	@ Rs 42.16/m ²			Rs 47961/-
② Providing & applying Thick coat (RS)				
.....do.....do.....do				
1247.409 m ² VTMBP-07				
	@ Rs 14.22/m ²			Rs 17751/-
③ P/R laying & colling HSS 20 mm				
.....do.....do.....do				
1247.407 m ² VTMBP-07				
	@ Rs 208.87/m ²			Rs 260961/-
④ Providing & applying Thick coat (RS)				
.....do.....do.....do				
2492.12 m ² VTMBP-08				
	@ Rs 12.75/m ²			Rs 32273/-
⑤ Providing & laying S.D.B.C.				
.....do.....do.....do				
62302 m ² VTMBP-08				
	@ Rs 9032.39/m ²			Rs 562736/-
⑥ P/R & laying Duct Pipe				
.....do.....do.....do				
7.30 m VTMBP-10				
	@ Rs 927.89/m			Rs 6959/-
				Rs 1230798/-

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
B.F.					Rs 1230798/-
(13) P/R RCC M-15 Boundary Pillars					
11.00 Nos	VTMBP-10				
	@ Rs 496.00/No				Rs 5456/-
(14) Boundary & Logging Boulder Pitting					
42.00 m ²	VTMBP-08				
	@ Rs 2101.39/m ²				Rs 88258/-
(15) Boundary & Logging Filter media					
21.00 Nos.	VTMBP-08				
	@ Rs 2639.44/No				Rs 55428/-
(16) P/R RCC M-15 R.H. Stone					
2.00 Nos.	VTMBP-10				
	@ Rs 2035.18/No				Rs 4070/-
(17) P/R RCC M-15 200mm stone					
2.00 Nos.	VTMBP-10				
	@ Rs 579.62/No				Rs 1159/-
(18) P/R RCC M-15 Direction Board					
4.00 Nos.	VTMBP-10				
	@ Rs 10032.04/No				Rs 40128/-
					Rs 1425297/-

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
B.F.					Rs 1425297/-
① P/R & Fining 600mm Triangle					
.....do.....do.....do					Rs
2.00 No VTNBP-10					
@ Rs 3361.04/No					Rs 6722/-
② P/R & Fining 900mm Octagonal					
.....do.....do.....do					Rs
1.00 No VTNBP-10					
@ Rs 8156.57/No					Rs 8157/-
③ Planting of Trees by the road side					
.....do.....do.....do					Rs
26.00 No VTNBP-10					
@ Rs 1115.59/No					Rs 29005/-
④ P/R & Fining Road marking					
.....do.....do.....do					Rs
138.38 m ² VTNBP-11					
@ Rs 859.46/m ²					Rs 118932/-
⑤ P/R & Fining Inkometry Board					
.....do.....do.....do					Rs
4.00 No VTNBP-11					
@ Rs 9464.17/No					Rs 37857/-
⑥ P/R Brick masonry in 1:3					
.....do.....do.....do					Rs
5.76 m ³ VTNBP-9					
@ Rs 7553.44/m ³					Rs 43508/-
					Rs 1669478/-

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
(25) Fronting PCC 4-20	B.F.				Rs 1687478/-
24.00H	VTMBP-9				
(26) Plastering with cement mortar (1:3)	Rs 3620/w				Rs 9688/-
40.92w ²	VTMBP-9				
(27) Painting Two coats exterior surface	Rs 175.10/w ²				Rs 7060/-
40.32w ²	VTMBP-9				
	Rs 93.80/w ²				Rs 3984/-

	Rs 1689210/-
ADD C.S.T. 1st.	Rs 202705/-
ADD Labour cess 1%.	Rs 16892/-
	Rs 1908807/-
ADD Scaffolding	Rs 28634/-
	Rs 1937441/-
Less 0.10% Balance As Per Agreement	Rs 1937/-
	Rs 1935504/-

(U)
281312
3.8

Work has been completed As Per specification
& Drawing of E/P.

(U)
281312
3.8

30/3/22

Continuation