

(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	
NAME OF WORK - CONST OF ROAD					
from N.H-28 TO Khera					
BARTI TAL.					
NAME OF AGENCY - Mangesh Kumar					
Muzaffarpur					
Pz. no - 280 / SBD / 2020-2021					
Date of work order - 15/01/2021					
Date of completion - 14/10/2021					
Date of Est -					
(1) Setting up Benchmarks					
alt = 0.696 m					

(2) Minor reference pole
alt = 0.696 m

(3) clearing & grubbing road

land calculation

$$2 \times 10 \times 30 \times \frac{2.10 + 1.90}{2} = 900 \text{ m}^2$$

$$2 \times 10 \times 30 \times \frac{1.90 + 1.10}{2} = 900 \text{ m}^2$$

$$2 \times 30 \times 3 \times \frac{1.80 + 1.20}{2} = 270 \text{ m}^2$$

$$\text{TL} = 2070 \text{ m}^2$$

$$2070 \div 10000 = 0.207 \text{ Hect.}$$

(4) provide & construct drains

Box culvert calculation

$$2 \times 10 \times 30 \times 0.375 \times 0.100 = 22.5 \text{ m}^3$$

$$2 \times 1 \times 6 \times 0.375 \times 0.100 = 0.225 \text{ m}^3$$

$$2 \times 3 \times 30 \times 0.375 \times 0.100 = 6.75 \text{ m}^3$$

$$2 \times 1 \times 14 \times 0.375 \times 0.100 = 1.05 \text{ m}^3$$

$$2 \times 5 \times 30 \times 0.525 \times 0.100 = 15.75 \text{ m}^3$$

$$2 \times 1 \times 19 \times 0.525 \times 0.100 = 1.995 \text{ m}^3$$

$$\text{Continuation TL} = 48.27 \text{ m}^3$$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		3.75	7,64,458 =		
(9/9) prior 8 days spreader					
W.A.M. ca. 711					
W.A. (9) 8.1 - (2) 0.4 = 118.2087					
EPS 3200.18				PS	4,37,391 =
(10/13) prior plain concrete					
P.C.C. m.g.d. ca.					
W.A. (13) 8.1 - (5) 0.4 = 251.3567					
EPS 6824.34				PS	17,15,33 =
(11/15) prior 4W in concrete					
dead ca.					
W.A. (15) 8.1 - (5) 0.4 = 8.8217					
EPS 229.09				PS	2462 =
(12/16) prior Bedding up					
W.A. (16) 8.1 - (3) 0.4 = 1.5817					
EPS 442.52				PS	699 =
(13/18) prior 8 days 30mm					
concrete dead					
W.A. (18) 8.1 - (3) 0.4 = 22.5017					
EPS 809.24				PS	18219 =
				total PS	29,38,568 =
Less 18.634 Bedding					
					29,38,568
					5,47,455 =
					23,91,113 =
					23,91,113 =
					23911 =
					226934 =
					5078 28,56,258 =

Continuation

S.E