

MAGSY NEWS SC

M.B.No. 3470

Schedule XLY-Form No. 134

સેકશનલ સ્ટેશનલ પુલ અને ગ્રામીણ પેલેસી ગ્રુપીયે

પરો ગામીયે તક પુલ

પરો ગામીયે - 39/53D 12021-22

પરો ગામીયે - 39/53D 12021-22

સેકશનલ સ્ટેશનલ પુલ અને ગ્રામીણ પેલેસી ગ્રુપીયે

સેકશનલ સ્ટેશનલ પુલ અને ગ્રામીણ પેલેસી ગ્રુપીયે
SUB-DIVISION

MEASUREMENT BOOK

M.B.No. 3470

1st on A/c bill

1

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.	
N/W:-	Construction of road				
	from Tekniwas Jalalpur				
	road 100 Prathmik vidhag				
	Balua to chakra Bazar				
	Under MMSM (Gen)				
	at block Jalalpur.				
N/Agency	Krishna Enterprises				
	(Sri Krishna Kumar)				
A-88. No -	39/SBD/2021-22				

Date of start - 15.01.2022
 Date of completion - 14.10.2022
 Date of measmt. - 24.02.2022

Items of works

①	PIV & fixing of working				
	Benchmark pillars = 0.500 km				
②	cleaning & grubbing up				
	road level -				
	2x	5x30.00m	2.00m	=	600.00m ²
	2x	5x30.00m	2.00m	=	600.00m ²
	2x	5x30.00	2.00m	=	600.00m ²
	2x	1x30.00m	2.00m	=	120.00m ²
	2x	1x20.00m	2.00m	=	80.00m ²
	Total =				2000.00m ²
					= 0.20 Ha

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(3) Box cutting - Excavation for roadway in soil using manual means.					
For G.T. portion -					
2x 5x30.10m x 0.525m x 0.10m =					15.75m ³
2x 1x30.10m x 0.525m x 0.10m =					3.15m ³
2x 1x20.10m x 0.525m x 0.10m =					2.10m ³
For C.C. portion -					
2x 3x30.10m x 0.375m x 0.10m =					6.75m ³
2x 1x10.10m x 0.375m x 0.10m =					0.75m ³
Total =					28.50m ³

(4) Construction of embankment with material deposited from roadway cutting
 = 60% of excavated soil,
 = 60% of 28.50m³
 = 17.10m³

(5) Construction of embankment with material obtained from borrow pits with a lead up to 100m & 700m

2x	5x30.10m	x1.0m	x0.40m	=	12.00m ³
2x	5x30.10m	x1.0m	x0.40m	=	12.00m ³
Total =					24.00m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑥ Construction of sub-grade & Earthen shoulder					
For Earthen portion					
1x6x30.00m x 5.50m x 0.30m					= 297.00m ³
1x1x20.00m x 5.50m x 0.30m					= 33.00m ³
				Total =	330.00m ³
⑦ Construction of granules sub-base by providing coarse graded material.					
For B.T. portion					
For box cutting					
2x5x30.00m x 0.525m x 0.10m					= 15.75m ³
2x1x30.00m x 0.525m x 0.10m					= 3.15m ³
2x1x20.00m x 0.525m x 0.10m					= 2.10m ³
9m full width (Earthen portion)					
1x6x30.00m x 4.050m x 0.200m					= 145.80m ³
1x1x20.00m x 4.050m x 0.200m					= 16.20m ³
For B/solting portion					
1x6x30.00m x 4.050m x 0.10m					= 72.90m ³
1x1x20.00m x 4.050m x 0.100m					= 8.10m ³
for profile correction,					
2x4.50m x 1.70m x 0.10m					= 1.53m ³
2x5.20m x 1.35m x 0.10m					= 1.40m ³
Extra for widening at H-line					
2x6.00m x 0.525m x 0.200m					= 1.20m ³
2x3.00m x 2.00m x 0.200m					= 2.40m ³
				Total =	270.53m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(8) P/V, Leasing, spreading & compacting of WBM-3 For B.T. portion					
1 x 5 x 30.10 m x 3.75 m x 0.075 m					$= 42.18 \text{ m}^3$
1 x 5 x 30.10 m x 3.75 m x 0.075 m					$= 42.18 \text{ m}^3$
1 x 3 x 30.10 m x 3.75 m x 0.075 m					$= 25.31 \text{ m}^3$
1 x 1 x 10.10 m x 3.75 m x 0.075 m					$= 2.81 \text{ m}^3$
Extra widening at H-curve					
2 x 6.00 m x 0.50 m x 0.075 m					$= 0.45 \text{ m}^3$
2 x 3.00 m x 2.00 m x 0.075 m					$= 0.90 \text{ m}^3$
					Total = 113.83 m ³

(9) Construction of granular sub-base by providing coarse graded material For C.C. portion					
5m box cutting					
2 x 3 x 30.10 m x 0.375 m x 0.10 m					$= 6.75 \text{ m}^3$
2 x 1 x 10.10 m x 0.375 m x 0.10 m					$= 0.75 \text{ m}^3$
for profile correction					
3 x 2.50 m x 1.20 m x 0.10 m					$= 0.90 \text{ m}^3$
2 x 5.00 m x 0.60 m x 0.10 m					$= 0.60 \text{ m}^3$
Extra widening at H-curve					
1 x 6.00 m x 0.50 m x 0.10 m					$= 0.30 \text{ m}^3$
					Total = 9.30 m ³
					Qty limit = 9.08 m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑩ Plv, Laying, spreading & Compacting of WBM-3 for C.C. Pavement					
	1x	30.00m	3.75m	0.075m	$= 25.31m^2$
	1x	10.00m	3.75m	0.075m	$= 2.81m^2$
Extra width of H-cum.	1x	6.00m	0.50m	0.075m	$= 0.22m^2$
				Total =	$28.34m^2$
⑪ Construction of un-surfaced plain cam concrete pavement as per technical specifications					
	1x	30.00m	3.75m	0.16m	$= 54.00m^2$
	1x	10.00m	3.75m	0.16m	$= 6.00m^2$
Extra width of H-cum.	1x	6.00m	0.50m	0.16m	$= 0.48m^2$
				Total =	$60.48m^2$
⑫ Laying Brick soling layer on prepared sub-grade, with brick on end edge.					
	2x	30.00m	0.25m		$= 45.00m^2$
	2x	10.00m	0.25m		$= 5.00m^2$
				Total =	$50.00m^2$
⑬ Plv & Laying of typical mmss/interlocking brick band with logo = 02 Nos.					

Mm
24/02/22 Continuation
(S.E)

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				145 B	69,506 = 60
<u>6</u> Construction of subgrade					
2 earthen shoulder					
330.00 m ³ , vide TMBP-3					
				① B 183 = 34 / m ³ - B	60,502 = 60
<u>7</u> Construction of general					
sub-base by providing					
coarse graded					
material.					
270.53 m ³ , vide TMBP-3					
				① B 2828 = 60 / m ³ - B	7,65,221 = 60
<u>8</u> Plv, levelling, spreading					
2 Compacting of WBM-2					
113.83 m ³ , vide TMBP-4					
				① B 3907 = 20 / m ³ - B	4,44,734 = 60
<u>9</u> Construction of general					
sub-base by providing					
coarse graded material					
9.08 m ³ , vide TMBP-4					
				① B 2828 = 60 / m ³ - B	25,684 = 60
<u>10</u> Plv, levelling, spreading					
2 Compacting of WBM-2					
28.34 m ³ , vide TMBP-5					
				① B 3907 = 20 / m ³ - B	1,10,724 = 60
				① B	14,76,371 = 60

Continuation

Continuation

Continuation