Summary of Quantities for Widening at Curves

S No.	Description	Unit	Quantity
1	Delineators	Nr.	**300**
2	Road Studs	Nr.	**1050**
3	Metal beam Crash Barrier	Lin.m.	
4	BC	cum	**140**
5	Aggregate layer	cum	**270**
6	Tack coat on bituminous surface	sqm	
7	Tack coat on Granular surface	sqm	**2700**
8	Prime coat	sqm	**2700**
9	CTB	cum	**320**
10	CTSB	cum	**640**
11	SG	cum	**1350**

Quantities for Widening at Curves

S. No	Chainage	Radius	Spiral Length (m)	Circular Length (m)	Delineators Spacing as per IRC 79	No of Delineator	No. of Road Studs @ 5m c/c	BC	Aggregate layer	Tack Coat on Granular	Prime coat	CTB	CTSB	SG
1	0+043	470		37.5	35	8	14	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0+127	450		69.9	35	9	28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0+290	70	30	100.8	25	12	52	10.4	20.9	208.5	208.5	24.0	49.0	104.3
4	0+448	200	20	59.5	25	10	32	4.2	8.3	83.4	83.4	9.6	19.6	41.7
5	0+574	200	20	42.6	25	9	26	3.2	6.3	63.1	63.1	7.3	14.8	31.6
6	0+735	300	15	11.9	25	7	10	1.2	2.3	23.3	23.3	2.7	5.5	11.7
7	0+993	2000		177.9	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	1+237	200	20	21.2	25	7	16	1.9	3.7	37.5	37.5	4.3	8.8	18.7
9	1+402	200	20	64.6	25	10	34	4.5	9.0	89.6	89.6	10.3	21.0	44.8
10	1+579	200	20	50.5	25	9	28	3.6	7.3	72.6	72.6	8.3	17.1	36.3
11	1+684	700		70.0	42	9	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	1+842	350		49.7	30	8	20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	2+129	150	30	21.1	25	7	20	2.2	4.3	43.4	43.4	5.0	10.2	21.7
14	2+317	1000		55.8	50	8	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	2+557	125	35	199.3	25	18	94	13.0	26.0	260.1	260.1	29.9	61.1	130.1
16	2+835	50	40	41.9	25	9	32	7.4	14.9	148.7	148.7	17.1	34.9	74.3
17	2+952	200	20	24.9	25	7	18	2.1	4.2	41.9	41.9	4.8	9.8	20.9
18	3+039	200	20	31.2	25	8	20	2.5	4.9	49.4	49.4	5.7	11.6	24.7
19	3+234	150	30	119.5	25	13	60	8.1	16.1	161.4	161.4	18.6	37.9	80.7
20	3+468	100	45	76.7	25	11	48	8.9	17.8	178.5	178.5	20.5	41.9	89.2
21	3+773	60	35	84.5	25	11	48	12.2	24.5	244.9	244.9	28.2	57.5	122.4
22	4+013	200	20	22.3	25	7	16	1.9	3.9	38.8	38.8	4.5	9.1	19.4
23	4+295	200	20	357.2	25	27	150	22.0	44.1	440.6	440.6	50.7	103.5	220.3
24	4+667	1000		184.5	50	12	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	4+884	1000		135.4	50	10	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	5+239	200	20	48.0	25	9	28	3.5	7.0	69.6	69.6	8.0	16.4	34.8
27	5+485	450		218.7	35	15	88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	5+860	300	15	228.9	25	20	98	14.2	28.4	283.6	283.6	32.6	66.7	141.8
29	6+065	125	35	44.7	25	9	32	3.7	7.5	74.7	74.7	8.6	17.5	37.3
30	6+199	200	20	60.5	25	10	32	4.2	8.5	84.6	84.6	9.7	19.9	42.3
				2711.37		**309.00**	**1044.00**	**134.90**	**269.81**	**2698.08**	**2698.08**	**310.28**	**634.05**	**1349.04**
					Say	**310**	**1050**	**140**	**270**	**2700**	**2700**	**320**	**640**	**1350**