

NIT WARANGAL				Traffic Volume Study at Mid-Block Section							
(Highway Division)											
Road Name - Hyderabad- Warangal Highway						Start time - 2:40			End time: 3:50		
Location: NIT WARANGAL						Date:24/01/2024			Number of lanes - 2 lanes		
DIRECTION: - NITW MAIN GATE TO KAZIPET						Day: Wednesday			Weather- Sunny		
Time (hrs)	Passenger Vehicle				Goods Vehicle			Slow Vehicle			
Time Interval	2W	3W	Car/	Bus	High commercial	Tractor	Low Commercial			Total Volume	Total PCU
			Taxi								
PCU Factor	0.5	1	1	3	3	3	2				-
0-5	97	26	33	3	0	1	2			162	123.5
5-10	88	38	31	7	0	0	3			167	140
10 - 15	98	40	25	2	1	0	2			168	127
15-20	74	35	23	6	0	0	1			139	115
20-25	95	22	26	10	0	1	2			156	132.5
25-30	109	40	42	7	0	0	2			200	161.5
30-35	85	35	23	4	0	0	4			151	120.5
35-40	103	38	32	3	0	0	2			178	134.5
40-45	96	36	23	5	0	0	2			162	126
45-50	103	27	31	2	0	1	1			165	120.5
50-55	82	40	29	7	0	1	3			162	140
55-60	98	32	39	8	0	0	2			179	148
60-65	102	38	26	2	1	0	3			172	130
65-70	99	40	33	6	1	0	4			183	151.5
1329		487	416	72	3	4	33	2344			
56.70		20.78	17.75	3.07	0.13	0.17	1.41	0.00	0.00	100	

TABLE -A

Intervals	Q15 max
0-15 Min	390.5
5-20 Min	382
10-25 Min	374.5
15-30 Min	409
20-35 Min	414.5
25-40 Min	416.5
30-45 Min	381
35-50 Min	381
40-55 Min	386.5
45-60 Min	408.5
50-65 Min	418
55-70 Min	429.5

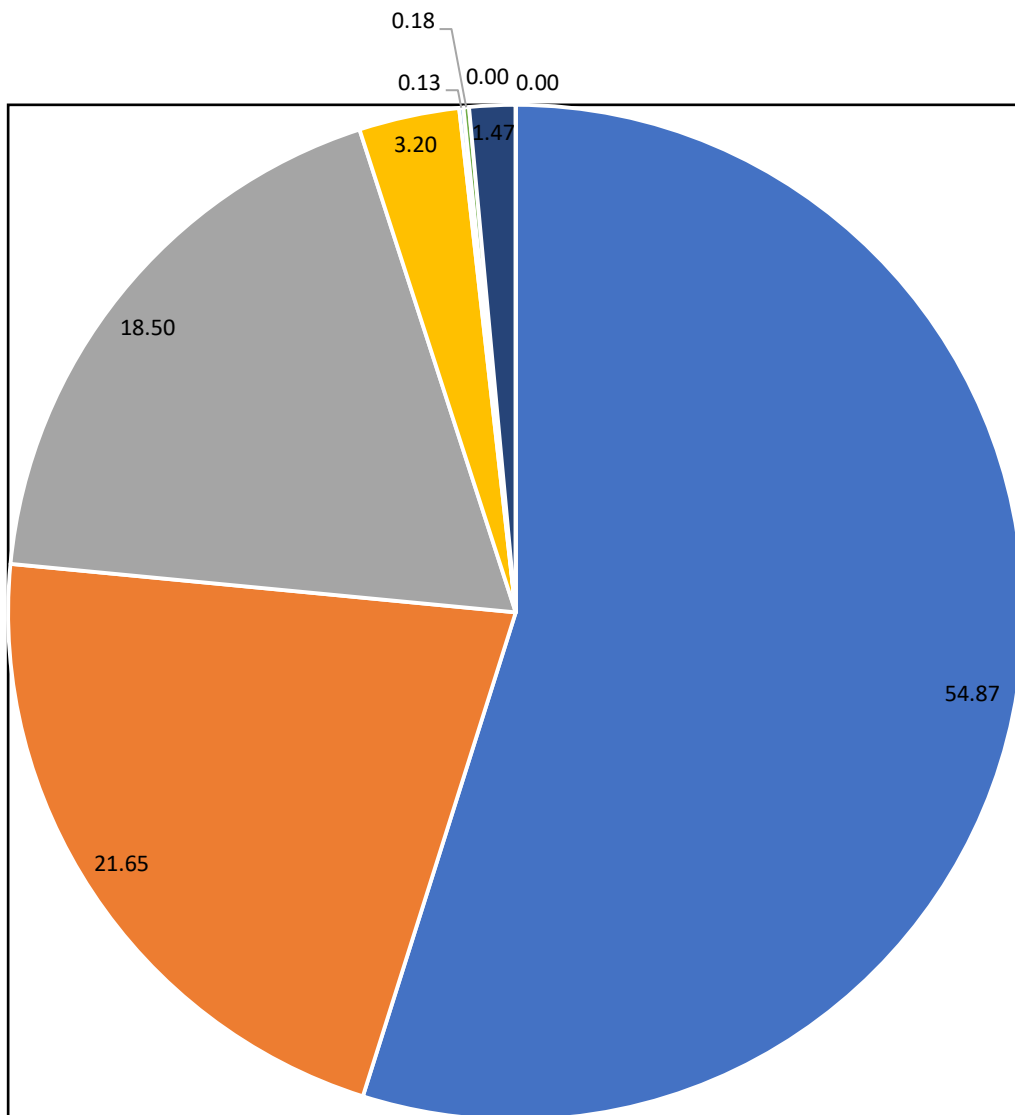
TABLE-B

Intervals	TVH	PCU/H
0-60 Min	1989	1589
5-65 Min	1999	1595.5
10-70 Min	2015	1607

RESULTS:

Max q15	429.5
PHF	0.9353899

Vehicle Composition



■ 2W ■ 3W ■ Car/ ■ Bus ■ High commercial ■ Tractor ■ Low Commercial ■

PIE CHART: TRAFFIC VOLUME