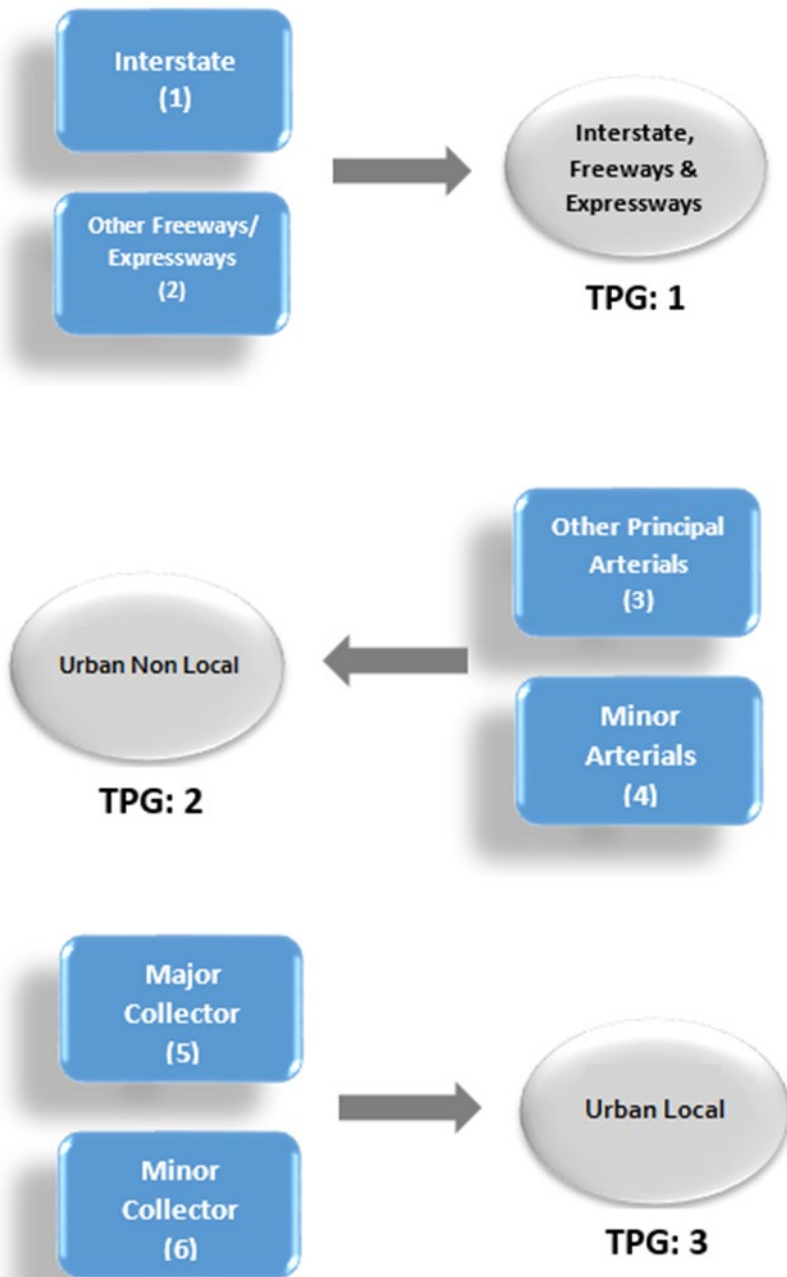
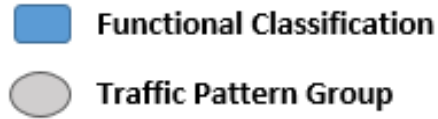


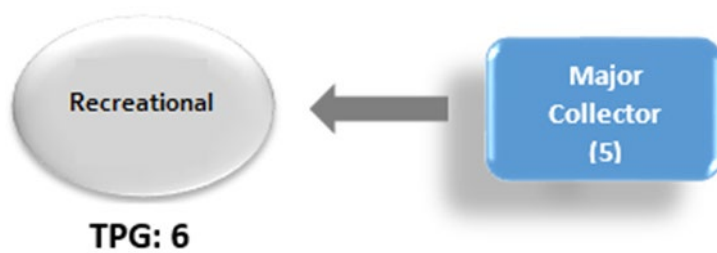
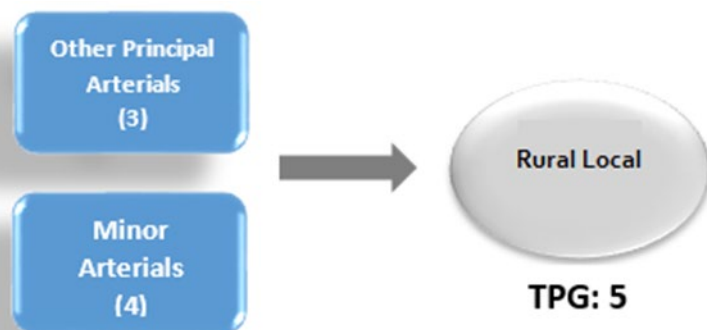
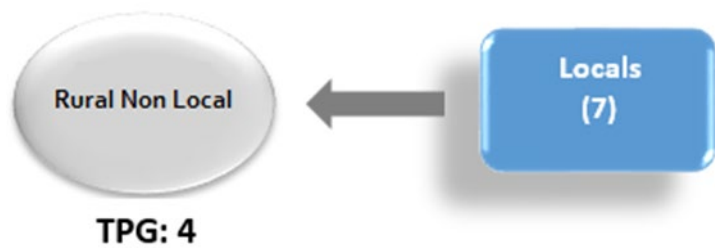
Diurnal Distribution of Traffic

Again, from the database of ATR and Weight in Motion (WIM) stations, the hour-by-hour distribution of AADT over the 24- hour period was computed for each **Functional Classification**. The computations were made separately for weekday and weekend traffic only, and for the total traffic. These tables can be found below.

As previously explained, when the diurnal distribution of traffic on a roadway segment or link is required, it is necessary to find the Traffic Pattern Group (TPG) or Functional Classification to which the roadway segment belongs. Then referring to the aforesaid tables, the hour-by-hour distribution of AADT over the 24- hour period can be obtained for that roadway segment.

Relation between Functional Classification and Traffic Pattern Group





Annual Average Hourly Distribution By Factor Group for Weekdays 2023

	1	2	5	7	8
0	0.65	0.42	0.45	0.37	0.25
1	0.54	0.25	0.23	0.34	0.17
2	0.65	0.25	0.21	0.34	0.16
3	1.14	0.40	0.28	0.53	0.23
4	2.53	0.99	0.62	1.44	0.60
5	4.89	2.50	1.78	4.19	1.67
6	7.04	4.64	4.48	7.18	3.34
7	7.01	6.05	6.64	6.75	4.88
8	5.69	5.92	6.38	5.56	5.84
9	5.15	5.32	5.78	5.37	6.26
10	5.21	5.36	5.83	5.28	6.75
11	5.40	5.85	6.02	5.33	7.28
12	5.50	6.51	6.42	5.43	7.67
13	6.17	6.72	6.39	5.52	7.66
14	6.88	7.23	6.64	6.45	7.93
15	7.36	8.07	7.65	8.01	8.39
16	7.17	8.23	8.44	8.97	8.00
17	5.75	7.39	7.82	7.99	6.99
18	4.36	5.68	5.67	5.21	5.19
19	3.52	4.36	4.19	3.51	3.91
20	2.79	3.33	3.23	2.84	2.96
21	2.10	2.28	2.38	1.88	2.09
22	1.52	1.44	1.53	0.96	1.16
23	0.98	0.84	0.94	0.55	0.59

Annual Average Hourly Distribution By Factor Group for All Days 2023

	1	2	5	7	8
0	0.83	0.59	0.58	0.54	0.39
1	0.65	0.36	0.28	0.41	0.26
2	0.68	0.31	0.23	0.35	0.18
3	1.04	0.39	0.26	0.48	0.21
4	2.11	0.84	0.51	1.15	0.49
5	3.98	2.06	1.42	3.30	1.34
6	5.77	3.80	3.58	5.50	2.74
7	6.07	5.07	5.47	5.67	4.20
8	5.52	5.36	5.75	5.13	5.41
9	5.44	5.34	5.84	5.59	6.27
10	5.64	5.67	6.17	5.77	6.99
11	5.85	6.31	6.54	6.01	7.58
12	5.94	6.94	6.93	6.27	7.90
13	6.42	7.12	6.89	6.20	7.83
14	6.87	7.47	7.04	6.74	7.98
15	7.12	7.95	7.62	7.83	8.21
16	6.89	7.93	8.02	8.48	7.77
17	5.87	7.21	7.45	7.67	6.88
18	4.71	5.80	5.81	5.40	5.40
19	3.90	4.60	4.51	4.01	4.23
20	3.17	3.58	3.53	3.07	3.20
21	2.49	2.55	2.66	2.19	2.36
22	1.83	1.70	1.81	1.35	1.42
23	1.21	1.04	1.12	0.89	0.76

Annual Average Hourly Distribution By Factor Group for Weekends 2023

	1	2	5	7	8
0	1.24	1.08	0.89	1.03	0.69
1	0.90	0.68	0.42	0.55	0.47
2	0.75	0.45	0.28	0.43	0.25
3	0.81	0.36	0.22	0.39	0.18
4	1.16	0.49	0.26	0.46	0.29
5	1.98	0.99	0.62	1.27	0.67
6	2.89	1.76	1.60	1.85	1.55
7	3.93	2.72	2.98	3.26	2.88
8	5.19	4.09	4.57	4.42	4.66
9	6.22	5.52	6.19	6.32	6.47
10	6.80	6.70	7.31	6.95	7.79
11	7.00	7.54	7.85	7.81	8.50
12	7.05	8.07	8.21	8.34	8.68
13	7.11	8.20	8.20	7.73	8.38
14	7.05	8.11	7.97	7.31	8.16
15	6.86	7.79	7.67	7.51	7.95
16	6.54	7.36	7.20	7.33	7.30
17	6.15	6.81	6.61	6.93	6.55
18	5.27	5.99	5.85	5.74	5.56
19	4.53	4.98	4.90	5.05	4.51
20	3.79	3.98	3.87	3.58	3.36
21	3.03	2.93	3.00	2.69	2.55
22	2.23	2.07	2.08	1.80	1.65
23	1.50	1.33	1.26	1.27	0.93