SECTION F

ROADWAY CAPACITIES

Source: BRPC/ALDOT

BIRMINGHAM METROPOLITAN PLANNING AREA
TRAVEL FORECASTING LINK DATA INPUTS
1990

LINK TYPE	DESCRIPTION	LINK CAPACITY				LINK SPEED**	LINK COLOR
Freeway		Daily		Hourly			Red
1	4 lane	68,000		6,800		45/50 mph	
2	6 lane	102,000		10,200		45/50 mph	
3	8 lane	136,000		13,600		45/50 mph	
4	10 lane	170,000		17,000		45/50 mph	
5	12 lane	204,000		20,400		45/50 mph	
Expressway							Red
6	4 lane	50,000		5,000		45/40 mph	
7	6 lane	75,000		7,500		45/40 mph	
8	8 lane	100,000		10,000		45/40 mph	
Arterials		Daily		Hourly			Blue
		No Park	Parking*	No Park	Parking*		
9	2 lane - Urban	17,800	16,600	1,500	1,400	40/35 mph	
10	2 lane - Rural	19,000	19,000	1,600	1,600	40/35 mph	
11	3 lane - Urban	22,000	18,500	1,850	1,550	40/35 mph	
12	3 lane - Rural	25,000	25,000	2,100	2,100	40/35 mph	
13	4 lane - Urban	31,000	20,300	2,600	1,700	40/35 mph	
14	4 lane - Rural	31,000	31,000	2,600	2,600	40/35 mph	
15	5 lane - Urban	33,900	29,200	2,850	2,450	40/35 mph	
16	5 lane - Rural	36,900	36,900	3,100	3,100	40/35 mph	
17	6 lane - Urban	45,800	38,100	3,850	3,200	40/35 mph	
18	7 lane - URban	50,000	45,800	4,200	3,850	40/35 mph	
19	8 lane - Urban	63,100	53,600	5,300	4,500	40/35 mph	
Collectors		Daily		Hourly			Green
		No Park	Parking*	No Park	Parking*		
20	2 lane - Urban	16,600	14,300	1,400	1,200	35/30 mph	
21	2 lane - Rural	17,800	16,600	1,500	1,400	35/30 mph	
22	3 lane - Urban	20,800	16,300	1,750	1,370	35/30 mph	
23	3 lane - Rural	23,200	20,800	1,950	1,750	35/30 mph	
24	4 lane - Urban	26,200	19,600	2,200	1,650	35/30 mph	
25	5 lane - Urban	28,500	26,200	2,400	2,200	35/30 mph	
One-way Roads		Daily		Hourly			Purple
		No Park	1-side Parking*	No Park	2-side Parking*		
26	2 lane	14,100	7,000	1,300	650	30/25 mph	
27	3 lane	19,500	15,800	1,800	1,450	30/25 mph	
28	4 lane	26,000	25,500	2,400	2,350	30/25 mph	
Ramps		Daily		Hourly			Red
29	1 lane		9,000		900	25 mph	
30	2 lane		18,000		1,800	25 mph	
31	3 lane		27,000		2,700	25 mph	
Centroid Connector							Yellow
32	Centroid		99,999		9,999	15/10 mph	

* Highway capacity in the CBD will be coded using capacities based on parking.
** Speeds will vary over the network system with the lower speeds coded in the CBD.