

**FUNCTIONAL SYSTEM LENGTH - 1997 1/
MILES BY LANE WIDTH, ACCESS CONTROL AND AVERAGE DAILY
TRAFFIC VOLUME - RURAL**

NATIONAL SUMMARY

TABLE HM-59
SHEET 1 OF 4

OCTOBER 1998

LANE WIDTH AND ACCESS CONTROL 2/	INTERSTATE					OTHER PRINCIPAL ARTERIAL							
	AVERAGE DAILY TRAFFIC VOLUME				TOTAL	AVERAGE DAILY TRAFFIC VOLUME						TOTAL	
	LESS THAN 6,000	6,000- 9,999	10,000- 19,999	20,000 AND OVER		LESS THAN 1,000	1,000- 1,999	2,000- 2,999	3,000- 9,999	10,000- 14,999	15,000 AND OVER		
Undivided:													
Less than 9 feet	-	-	-	-	-	-	3	98	26	1	2	130	
9 feet	-	-	-	-	-	-	108	208	112	10	15	453	
10 feet	8	-	-	-	8	87	214	267	817	157	48	1,590	
11 feet	40	-	-	-	40	420	1,070	1,321	4,689	500	230	8,230	
12 feet	789	13	12	1	815	4,439	11,525	10,279	30,091	3,249	1,197	60,780	
Greater than 12 feet	128	15	2	-	145	596	439	485	2,389	298	87	4,294	
Total Undivided	965	28	14	1	1,008	5,542	13,359	12,658	38,124	4,215	1,579	75,477	
Divided:													
No access control:													
Less than 9 feet	-	-	-	-	-	-	-	-	-	-	2	2	
9 feet	-	-	-	-	-	-	-	-	4	-	5	9	
10 feet	-	-	-	-	-	-	-	2	149	39	46	236	
11 feet	-	-	-	-	-	-	-	10	102	92	166	370	
12 feet	1	-	-	11	12	6	39	256	4,612	2,244	2,484	9,641	
Greater than 12 feet	-	-	-	-	-	-	-	-	45	69	17	131	
Subtotal	1	-	-	11	12	6	39	268	4,912	2,444	2,720	10,389	
Partial access control:													
Less than 9 feet	-	-	-	-	-	-	-	-	24	1	-	25	
9 feet	-	-	-	-	-	-	-	-	1	7	-	8	
10 feet	-	-	-	-	-	-	-	-	28	-	19	47	
11 feet	-	-	-	-	-	-	-	18	94	37	108	257	
12 feet	-	7	16	46	69	-	35	400	3,090	1,656	1,572	6,753	
Greater than 12 feet	-	-	-	-	-	-	7	-	49	15	4	75	
Subtotal	-	7	16	46	69	-	42	418	3,286	1,716	1,703	7,165	
Full access control:													
Less than 9 feet	-	-	-	-	-	-	-	-	-	-	-	-	
9 feet	-	-	-	1	1	-	-	-	-	-	-	-	
10 feet	-	-	-	-	-	-	-	-	5	-	19	24	
11 feet	-	-	-	10	10	-	-	-	2	-	21	23	
12 feet	3,176	4,225	10,717	13,330	31,448	-	28	71	2,134	1,011	2,024	5,268	
Greater than 12 feet	38	113	128	87	366	-	-	-	4	1	10	15	
Subtotal	3,214	4,338	10,845	13,428	31,825	-	28	71	2,145	1,012	2,074	5,330	
Total Divided	3,215	4,345	10,861	13,485	31,906	6	109	757	10,343	5,172	6,497	22,884	
Total	4,180	4,373	10,875	13,486	32,914	5,548	13,468	13,415	48,467	9,387	8,076	98,361	

**FUNCTIONAL SYSTEM LENGTH - 1997 1/
MILES BY LANE WIDTH, ACCESS CONTROL AND AVERAGE DAILY
TRAFFIC VOLUME - RURAL
NATIONAL SUMMARY**

TABLE HM-59
SHEET 2 OF 4

OCTOBER 1998

LANE WIDTH AND ACCESS CONTROL 2/	MINOR ARTERIAL							MAJOR COLLECTOR						
	AVERAGE DAILY TRAFFIC VOLUME						TOTAL	AVERAGE DAILY TRAFFIC VOLUME					TOTAL	
	LESS THAN 1,000	1,000- 1,999	2,000- 2,999	3,000- 9,999	10,000- 14,999	15,000 AND OVER		LESS THAN 100	100- 499	500- 999	1,000- 4,999	5,000- 9,999		10,000 AND OVER
Undivided:														
Less than 9 feet	51	66	116	19	-	-	252	1,851	6,027	1,951	1,203	11	-	11,043
9 feet	376	609	493	293	11	-	1,782	3,239	12,419	7,346	12,664	469	19	36,156
10 feet	2,994	4,604	3,496	4,995	140	112	16,341	6,775	41,993	29,361	40,687	2,088	268	121,172
11 feet	4,935	5,261	6,181	8,728	493	96	25,694	11,419	29,033	23,416	38,436	2,494	393	105,191
12 feet	18,776	21,431	13,131	27,822	2,087	714	83,961	13,269	40,766	27,291	55,059	6,903	1,342	144,630
Greater than 12 feet	971	1,407	1,038	1,842	151	72	5,481	2,093	3,395	947	4,825	719	174	12,153
Total Undivided	28,103	33,378	24,455	43,699	2,882	994	133,511	38,646	133,633	90,312	152,874	12,684	2,196	430,345
Divided:														
No access control:														
Less than 9 feet	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9 feet	-	-	-	-	-	-	-	-	-	-	2	-	-	2
10 feet	-	-	5	79	86	12	182	-	-	-	199	-	4	203
11 feet	-	-	11	80	146	51	288	-	-	-	286	31	22	339
12 feet	2	101	123	1,522	582	490	2,820	-	-	-	671	835	188	1,694
Greater than 12 feet	-	1	-	20	5	31	57	-	-	8	30	44	6	88
Subtotal	2	102	139	1,701	819	584	3,347	-	-	8	1,188	910	220	2,326
Partial access control:														
Less than 9 feet	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9 feet	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10 feet	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11 feet	-	-	-	47	-	18	65	-	-	42	-	-	-	42
12 feet	-	32	7	324	269	133	765	-	145	-	471	103	24	743
Greater than 12 feet	-	-	7	4	-	-	11	-	-	-	3	-	-	3
Subtotal	-	32	14	375	269	151	841	-	145	42	474	103	24	788
Full access control:														
Less than 9 feet	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9 feet	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10 feet	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11 feet	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12 feet	-	-	-	24	54	12	90	-	-	28	13	14	-	55
Greater than 12 feet	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal	-	-	-	24	54	12	90	-	-	28	13	14	-	55
Total Divided	2	134	153	2,100	1,142	747	4,278	-	145	78	1,675	1,027	244	3,169
Total	28,105	33,512	24,608	45,799	4,024	1,741	137,789	38,646	133,778	90,390	154,549	13,711	2,440	433,514

**FUNCTIONAL SYSTEM LENGTH - 1997 1/
MILES BY LANE WIDTH, ACCESS CONTROL AND AVERAGE DAILY
TRAFFIC VOLUME - URBAN
NATIONAL SUMMARY**

OCTOBER 1998

TABLE HM-59
SHEET 3 OF 4

LANE WIDTH AND ACCESS CONTROL 2/	INTERSTATE						OTHER FREEWAYS AND EXPRESSWAYS						OTHER PRINCIPAL ARTERIAL						
	AVERAGE DAILY TRAFFIC VOLUME					TOTAL	AVERAGE DAILY TRAFFIC VOLUME					TOTAL	AVERAGE DAILY TRAFFIC VOLUME						TOTAL
	LESS THAN 15,000	15,000- 34,999	35,000- 59,999	60,000- 99,999	100,000 AND OVER		LESS THAN 15,000	15,000- 34,999	35,000- 59,999	60,000- 99,999	100,000 AND OVER		LESS THAN 1,000	1,000- 2,999	3,000- 4,999	5,000- 9,999	10,000- 19,999	20,000 AND OVER	
Undivided:																			
Less than 9 feet	-	-	-	-	-	-	-	1	-	-	-	1	26	2	21	21	16	14	100
9 feet	-	-	-	-	-	-	-	1	-	-	-	1	2	30	12	55	86	30	215
10 feet	-	-	-	-	-	-	12	5	2	-	-	19	5	110	115	460	1,331	1,139	3,160
11 feet	-	-	-	-	-	-	2	42	3	1	-	48	4	88	198	1,001	1,840	1,524	4,655
12 feet	5	3	10	3	-	21	255	312	63	38	17	685	36	624	1,301	4,928	8,581	5,531	21,001
Greater than 12 feet	-	-	1	-	-	1	9	20	7	-	-	36	9	73	247	826	1,779	715	3,649
Total Undivided	5	3	11	3	-	22	278	381	75	39	17	790	82	927	1,894	7,291	13,633	8,953	32,780
Divided:																			
No access control:																			
Less than 9 feet	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	12	7	24
9 feet	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	17	14	44
10 feet	-	-	-	-	-	-	-	6	-	-	-	6	-	3	-	53	114	347	517
11 feet	-	-	-	-	-	-	-	5	4	-	-	9	-	2	23	92	414	1,222	1,753
12 feet	-	10	3	5	-	18	21	54	24	2	-	101	9	74	171	745	3,365	8,028	12,392
Greater than 12 feet	-	-	-	-	-	-	-	1	-	-	-	1	1	5	9	73	252	396	736
Subtotal	-	10	3	5	-	18	21	66	28	2	-	117	10	84	203	981	4,174	10,014	15,466
Partial access control:																			
Less than 9 feet	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	5	9	19	36
9 feet	-	-	-	-	-	-	4	6	-	1	-	11	-	-	-	1	2	3	6
10 feet	-	-	-	-	-	-	-	5	3	1	1	10	-	-	-	2	10	185	197
11 feet	-	-	-	-	-	-	20	75	8	4	8	115	-	-	1	10	64	231	306
12 feet	4	16	18	10	-	48	457	893	522	204	21	2,097	-	44	56	462	1,355	2,049	3,966
Greater than 12 feet	-	1	-	-	-	1	8	12	5	-	-	25	-	4	5	23	45	44	121
Subtotal	4	17	18	10	-	49	489	991	538	210	30	2,258	-	48	65	503	1,485	2,531	4,632
Full access control:																			
Less than 9 feet	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2
9 feet	-	-	-	-	-	-	1	3	2	-	-	6	-	-	-	-	-	-	-
10 feet	-	1	1	2	4	8	2	2	3	10	12	29	-	-	-	-	-	-	-
11 feet	-	-	6	27	33	66	6	43	39	8	34	130	-	-	-	1	-	13	14
12 feet	668	2,795	3,301	2,840	3,427	13,031	535	1,704	1,654	1,032	801	5,726	-	-	10	60	164	339	573
Greater than 12 feet	30	64	48	28	32	202	6	21	24	11	-	62	-	-	-	1	4	3	8
Subtotal	698	2,860	3,356	2,897	3,496	13,307	550	1,773	1,722	1,061	847	5,953	-	-	10	62	168	357	597
Total Divided	702	2,887	3,377	2,912	3,496	13,374	1,060	2,830	2,288	1,273	877	8,328	10	132	278	1,546	5,827	12,902	20,695
Total	707	2,890	3,388	2,915	3,496	13,396	1,338	3,211	2,363	1,312	894	9,118	92	1,059	2,172	8,837	19,460	21,855	53,475

**FUNCTIONAL SYSTEM LENGTH - 1997 1/
MILES BY LANE WIDTH, ACCESS CONTROL AND AVERAGE DAILY
TRAFFIC VOLUME - URBAN
NATIONAL SUMMARY**

TABLE HM-59
SHEET 4 OF 4

OCTOBER 1998

LANE WIDTH AND ACCESS CONTROL 2/	MINOR ARTERIAL							COLLECTOR						
	AVERAGE DAILY TRAFFIC VOLUME						TOTAL	AVERAGE DAILY TRAFFIC VOLUME						TOTAL
	LESS THAN 1,000	1,000- 2,999	3,000- 4,999	5,000- 9,999	10,000- 19,999	20,000 AND OVER		LESS THAN 1,000	1,000- 2,999	3,000- 4,999	5,000- 9,999	10,000- 19,999	20,000 AND OVER	
Undivided:														
Less than 9 feet	96	93	101	52	86	23	451	793	1,066	629	102	21	-	2,611
9 feet	217	878	567	617	301	45	2,625	2,496	2,832	971	518	108	5	6,930
10 feet	772	2,690	2,194	3,723	2,394	530	12,303	3,899	7,648	4,158	2,667	905	42	19,319
11 feet	372	2,354	2,397	4,216	3,394	707	13,440	1,831	5,496	2,731	2,756	885	57	13,756
12 feet	1,113	5,443	6,186	14,296	10,248	2,376	39,662	5,027	11,268	7,455	6,833	2,551	272	33,406
Greater than 12 feet	161	1,345	1,691	4,016	2,628	277	10,118	1,241	3,337	2,082	1,767	614	94	9,135
Total Undivided	2,731	12,803	13,136	26,920	19,051	3,958	78,599	15,287	31,647	18,026	14,643	5,084	470	85,157
Divided:														
No access control:														
Less than 9 feet	-	-	2	7	26	10	45	3	-	2	7	3	-	15
9 feet	-	-	1	12	21	13	47	11	12	-	-	1	3	27
10 feet	4	3	52	63	132	313	567	1	117	51	79	25	12	285
11 feet	2	27	36	224	539	529	1,357	5	93	130	94	231	32	585
12 feet	52	321	279	985	3,039	2,309	6,985	65	282	332	830	458	172	2,139
Greater than 12 feet	8	12	66	175	289	129	679	32	94	58	113	32	14	343
Subtotal	66	363	436	1,466	4,046	3,303	9,680	117	598	573	1,123	750	233	3,394
Partial access control:														
Less than 9 feet	-	-	-	1	-	-	1	-	-	-	-	-	-	-
9 feet	-	-	8	-	-	-	8	-	-	-	-	-	-	-
10 feet	-	2	1	6	1	-	10	-	-	1	-	-	-	1
11 feet	1	-	6	17	65	11	100	-	-	2	1	-	-	3
12 feet	1	24	26	463	359	152	1,025	27	19	2	16	12	3	79
Greater than 12 feet	3	1	2	18	19	124	167	-	1	2	1	-	-	4
Subtotal	5	27	43	505	444	287	1,311	27	20	7	18	12	3	87
Full access control:														
Less than 9 feet	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9 feet	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10 feet	-	-	-	-	-	-	-	-	-	-	-	-	1	1
11 feet	-	-	-	-	11	-	11	-	-	-	-	-	-	-
12 feet	-	-	25	8	40	20	93	-	-	-	-	3	-	3
Greater than 12 feet	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal	-	-	25	8	51	20	104	-	-	-	-	3	1	4
Total Divided	71	390	504	1,979	4,541	3,610	11,095	144	618	580	1,141	765	237	3,485
Total	2,802	13,193	13,640	28,899	23,592	7,568	89,694	15,431	32,265	18,606	15,784	5,849	707	88,642

1/ Includes the 50 States, the District of Columbia and Puerto Rico. 1996 data were used for Georgia and Maryland.

2/ Access control: Full Access Control — preference has been given to through traffic movements by providing interchanges with selected public roads and by prohibiting direct

driveway connections. Partial Access Control — preference has been given to through traffic movement. In addition to interchanges there may be some crossings at grade with public roads, but direct private driveway connections have been minimized.