

**FUNCTIONAL SYSTEM LENGTH - 1998 1/
MILES BY LANE WIDTH, ACCESS CONTROL AND AVERAGE DAILY
TRAFFIC VOLUME - RURAL**

NATIONAL SUMMARY

TABLE HM-59
SHEET 1 OF 4

OCTOBER 1999

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	-	-	-	-	-	-	-	96	11	1	2	110
9 feet	-	-	-	-	-	-	119	159	120	12	13	423
10 feet	8	-	-	-	8	53	229	259	850	83	69	1,543
11 feet	40	-	-	-	40	381	1,089	1,208	4,591	474	247	7,990
12 feet	781	18	12	1	812	4,081	11,488	11,052	29,669	3,406	1,311	61,007
Greater than 12 feet	117	26	2	-	145	490	439	517	2,217	264	93	4,020
Total Undivided	946	44	14	1	1,005	5,005	13,364	13,291	37,458	4,240	1,735	75,093
Divided:												
No access control:												
Less than 9 feet	-	-	-	-	-	-	-	-	-	-	-	-
9 feet	-	-	-	-	-	-	-	-	-	14	-	14
10 feet	-	-	-	-	-	-	6	-	112	59	50	227
11 feet	-	-	-	-	-	-	-	10	92	90	138	330
12 feet	-	1	-	13	14	6	119	218	5,074	2,298	2,763	10,478
Greater than 12 feet	-	-	-	-	-	-	-	3	141	80	78	302
Subtotal	-	1	-	13	14	6	125	231	5,419	2,541	3,029	11,351
Partial access control:												
Less than 9 feet	-	-	-	-	-	-	-	-	-	1	-	1
9 feet	-	-	-	-	-	-	-	-	-	5	-	5
10 feet	-	-	-	-	-	-	-	-	1	3	16	20
11 feet	-	-	-	-	-	-	-	6	66	40	94	206
12 feet	6	3	13	49	71	-	22	222	2,760	1,639	1,857	6,500
Greater than 12 feet	-	-	-	-	-	-	4	-	55	119	18	196
Subtotal	6	3	13	49	71	-	26	228	2,882	1,807	1,985	6,928
Full access control:												
Less than 9 feet	-	-	-	-	-	-	-	-	-	-	-	-
9 feet	-	-	-	-	-	-	-	-	-	-	-	-
10 feet	-	-	-	-	-	-	-	-	4	-	20	24
11 feet	-	-	-	9	9	-	-	-	-	27	29	56
12 feet	2,865	3,999	10,228	14,203	31,256	-	29	68	2,119	1,186	2,033	5,435
Greater than 12 feet	39	116	221	91	467	-	-	-	5	1	10	16
Subtotal	2,865	4,115	10,449	14,303	31,732	-	29	68	2,128	1,214	2,092	5,531
Total Divided	2,871	4,119	10,462	14,365	31,817	6	180	527	10,429	5,562	7,106	23,810
Total	3,817	4,163	10,476	14,366	32,822	5,011	13,544	13,818	47,887	9,802	8,841	98,903

**FUNCTIONAL SYSTEM LENGTH - 1998 1/
MILES BY LANE WIDTH, ACCESS CONTROL AND AVERAGE DAILY
TRAFFIC VOLUME - RURAL
NATIONAL SUMMARY**

TABLE HM-59
SHEET 2 OF 4

OCTOBER 1999

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	61	77	104	27	-	-	269	1,921	5,709	1,717	1,503	11	-	10,861
9 feet	412	420	562	257	12	1	1,664	3,032	12,214	7,246	12,788	499	26	35,805
10 feet	2,851	4,317	3,595	4,903	198	105	15,969	6,737	42,286	29,518	41,463	2,394	254	122,652
11 feet	4,566	5,059	6,169	8,853	675	116	25,438	11,437	30,204	21,289	39,144	2,844	392	105,310
12 feet	18,463	21,101	13,678	28,283	2,111	742	84,378	12,922	41,235	26,645	53,972	6,944	1,592	143,310
Greater than 12 feet	562	1,547	1,027	1,888	150	51	5,225	2,151	3,215	1,009	4,068	765	157	11,365
Total Undivided	26,915	32,521	25,135	44,211	3,146	1,015	132,943	38,200	134,863	87,424	152,938	13,457	2,421	429,303
Divided:														
No access control:														
Less than 9 feet	-	-	-	-	-	-	-	-	130	-	-	-	-	130
9 feet	-	-	-	-	-	-	-	24	-	-	3	-	-	27
10 feet	3	-	2	54	72	-	131	-	-	-	180	-	9	189
11 feet	-	-	11	184	176	38	409	-	-	97	257	47	35	436
12 feet	2	54	165	1,467	794	508	2,990	-	106	37	1,178	893	167	2,381
Greater than 12 feet	-	-	-	30	4	51	85	-	-	8	34	61	21	124
Subtotal	5	54	178	1,735	1,046	597	3,615	24	236	142	1,652	1,001	232	3,287
Partial access control:														
Less than 9 feet	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9 feet	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10 feet	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11 feet	-	-	-	46	-	-	46	-	-	41	5	-	-	46
12 feet	-	32	47	321	244	166	810	-	32	-	179	62	27	300
Greater than 12 feet	-	-	7	2	-	-	9	-	-	-	3	-	-	3
Subtotal	-	32	54	369	244	166	865	-	32	41	187	62	27	349
Full access control:														
Less than 9 feet	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9 feet	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10 feet	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11 feet	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12 feet	-	-	-	10	68	13	91	-	-	27	9	11	-	47
Greater than 12 feet	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal	-	-	-	10	68	13	91	-	-	27	9	11	-	47
Total Divided	5	86	232	2,114	1,358	776	4,571	24	268	210	1,848	1,074	259	3,683
Total	26,920	32,607	25,367	46,325	4,504	1,791	137,514	38,224	135,131	87,634	154,786	14,531	2,680	432,986

**FUNCTIONAL SYSTEM LENGTH - 1998 1/
MILES BY LANE WIDTH, ACCESS CONTROL AND AVERAGE DAILY
TRAFFIC VOLUME - URBAN
NATIONAL SUMMARY**

OCTOBER 1999

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	1	4	6	8	7	52
9 feet	-	-	-	-	-	-	-	1	-	-	-	1	-	20	10	27	77	16	150
10 feet	-	-	-	-	-	-	9	9	2	-	-	20	9	127	89	498	1,280	1,025	3,028
11 feet	-	-	-	-	-	-	2	35	-	1	1	39	4	77	200	919	2,005	1,443	4,648
12 feet	5	3	7	-	2	17	237	264	58	4	9	572	36	596	1,314	4,741	8,632	5,648	20,967
Greater than 12 feet	-	1	-	-	-	1	7	4	1	-	-	12	12	77	197	795	1,917	669	3,667
Total Undivided	5	4	7	-	2	18	255	314	61	5	10	645	87	898	1,814	6,986	13,919	8,808	32,512
Divided:																			
No access control:																			
Less than 9 feet	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	6	8	23
9 feet	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	22	12	45
10 feet	-	-	-	-	-	-	-	6	-	-	-	6	3	1	2	73	159	292	530
11 feet	-	-	-	-	-	-	-	7	-	-	-	7	34	4	27	117	394	1,252	1,828
12 feet	-	10	4	4	-	18	6	47	19	1	-	73	2	55	169	777	3,270	7,970	12,243
Greater than 12 feet	-	-	-	-	-	-	-	1	-	-	-	1	1	6	3	70	229	392	701
Subtotal	-	10	4	4	-	18	6	61	19	1	-	87	40	66	201	1,057	4,080	9,926	15,370
Partial access control:																			
Less than 9 feet	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	1	1
9 feet	-	-	-	-	-	-	4	6	-	1	-	11	-	-	-	-	2	2	4
10 feet	-	-	-	-	-	-	-	4	3	2	1	10	-	-	-	3	50	108	161
11 feet	-	-	-	-	-	-	16	72	7	4	18	117	-	-	2	9	51	220	282
12 feet	3	17	16	10	-	46	431	895	581	214	30	2,151	-	41	46	411	1,184	2,306	3,988
Greater than 12 feet	-	1	-	-	-	1	10	13	4	-	1	28	-	6	5	38	68	65	182
Subtotal	3	18	16	10	-	47	461	990	596	221	50	2,318	-	47	53	461	1,355	2,702	4,618
Full access control:																			
Less than 9 feet	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9 feet	-	-	-	-	-	-	1	3	2	-	-	6	-	-	-	-	-	-	-
10 feet	-	1	2	3	4	10	2	2	4	11	22	41	-	-	-	-	-	-	-
11 feet	2	-	9	34	73	118	9	37	36	9	37	128	-	-	-	-	-	12	12
12 feet	578	2,511	3,367	2,874	3,558	12,888	525	1,656	1,607	1,127	845	5,760	-	-	7	61	184	332	584
Greater than 12 feet	39	62	42	36	37	216	2	34	33	3	2	74	-	-	-	2	6	9	17
Subtotal	619	2,574	3,420	2,947	3,672	13,232	539	1,732	1,682	1,150	906	6,009	-	-	7	63	190	353	613
Total Divided	622	2,602	3,440	2,961	3,672	13,297	1,006	2,783	2,297	1,372	956	8,414	40	113	261	1,581	5,625	12,981	20,601
Total	627	2,606	3,447	2,961	3,674	13,315	1,261	3,097	2,358	1,377	966	9,059	127	1,011	2,075	8,567	19,544	21,789	53,113

**FUNCTIONAL SYSTEM LENGTH - 1998 1/
MILES BY LANE WIDTH, ACCESS CONTROL AND AVERAGE DAILY
TRAFFIC VOLUME - URBAN
NATIONAL SUMMARY**

TABLE HM-59
SHEET 4 OF 4

OCTOBER 1999

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	64	99	84	46	50	32	375	760	1,141	430	94	14	-	2,439	
9 feet	211	777	553	484	268	54	2,347	2,527	2,654	701	489	155	4	6,530	
10 feet	716	2,875	2,106	3,367	2,581	630	12,275	3,888	6,974	4,166	2,813	894	20	18,755	
11 feet	347	2,521	2,326	3,915	3,461	773	13,343	1,953	4,843	2,571	3,191	1,154	40	13,752	
12 feet	1,259	5,638	6,156	13,528	10,832	2,904	40,317	4,918	11,144	7,309	7,480	2,771	318	33,940	
Greater than 12 feet	151	1,072	1,346	3,728	2,536	318	9,151	1,029	2,996	1,825	2,085	715	82	8,732	
Total Undivided	2,748	12,982	12,571	25,068	19,728	4,711	77,808	15,075	29,752	17,002	16,152	5,703	464	84,148	
Divided:															
No access control:															
Less than 9 feet	-	-	-	-	15	6	21	-	-	5	1	-	-	6	
9 feet	-	1	1	10	20	13	45	9	12	3	-	4	3	31	
10 feet	2	3	38	124	387	162	716	8	64	75	103	48	10	308	
11 feet	1	34	100	231	622	492	1,480	16	75	174	114	197	57	633	
12 feet	23	227	246	1,244	3,335	2,484	7,559	107	336	327	857	595	164	2,386	
Greater than 12 feet	11	23	75	124	195	157	585	31	98	40	187	42	14	412	
Subtotal	37	288	460	1,733	4,574	3,314	10,406	171	585	624	1,262	886	248	3,776	
Partial access control:															
Less than 9 feet	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
9 feet	-	-	8	2	-	-	10	-	-	-	-	-	-	-	
10 feet	-	3	1	5	1	-	10	-	-	1	-	-	-	1	
11 feet	1	-	5	20	18	40	84	-	-	-	3	-	-	3	
12 feet	3	21	38	256	480	161	959	-	14	-	14	14	3	45	
Greater than 12 feet	3	1	2	9	14	118	147	-	-	-	3	-	-	3	
Subtotal	7	25	54	292	513	319	1,210	-	14	1	20	14	3	52	
Full access control:															
Less than 9 feet	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
9 feet	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10 feet	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11 feet	-	-	-	-	13	6	19	-	-	-	-	-	-	-	
12 feet	-	-	8	12	61	18	99	-	-	-	-	-	-	-	
Greater than 12 feet	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal	-	-	8	12	74	24	118	-	-	-	-	-	-	-	
Total Divided	44	313	522	2,037	5,161	3,657	11,734	171	599	625	1,282	900	251	3,828	
Total	2,792	13,295	13,093	27,105	24,889	8,368	89,542	15,246	30,351	17,627	17,434	6,603	715	87,976	

1/ Includes the 50 States, the District of Columbia and Puerto Rico. Some differences from other tables may be noted because these are estimated from sample data.

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.