

**FUNCTIONAL SYSTEM LENGTH - 2002 1/
MILES BY LANE WIDTH, ACCESS CONTROL AND AVERAGE DAILY
TRAFFIC VOLUME - RURAL**

NATIONAL SUMMARY

TABLE HM-59
SHEET 1 OF 4

OCTOBER 2003

LANE WIDTH AND ACCESS CONTROL	INTERSTATE					OTHER PRINCIPAL ARTERIAL						
	AVERAGE DAILY TRAFFIC VOLUME				TOTAL	AVERAGE DAILY TRAFFIC VOLUME						TOTAL
	LESS THAN 10,000	10,000- 19,999	20,000- 34,999	35,000 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: 2/ Less than 9 feet	-	-	-	-	-	-	-	3	27	1	-	31
9 feet	-	-	-	-	-	-	96	87	22	21	1	227
10 feet	-	-	-	-	-	40	244	209	781	119	83	1,476
11 feet	40	-	-	-	40	363	1,231	932	4,289	457	304	7,576
12 feet	817	17	2	-	836	4,108	10,679	10,701	30,271	4,032	1,601	61,392
Greater than 12 feet	130	5	2	-	137	335	424	394	2,085	354	74	3,666
Total Undivided	987	22	4	-	1,013	4,846	12,674	12,326	37,475	4,984	2,063	74,368
Divided: 2/ No access control:												
Less than 9 feet	-	-	-	-	-	-	-	-	-	-	-	-
9 feet	-	-	-	-	-	-	-	-	-	-	7	7
10 feet	-	-	-	-	-	-	-	-	65	18	45	128
11 feet	-	-	-	-	-	-	-	21	173	120	349	663
12 feet	1	-	-	-	1	-	103	447	4,715	2,652	3,231	11,148
Greater than 12 feet	-	-	-	9	9	-	-	-	55	56	137	248
Subtotal	1	-	-	9	10	-	103	468	5,008	2,846	3,769	12,194
Partial access control:												
Less than 9 feet	-	-	-	-	-	-	-	-	-	-	-	-
9 feet	-	-	-	-	-	-	-	-	-	-	3	3
10 feet	-	-	-	-	-	-	-	-	1	-	-	1
11 feet	-	-	-	-	-	-	-	2	30	17	114	163
12 feet	6	10	7	-	23	1	45	243	2,486	1,706	2,086	6,567
Greater than 12 feet	-	-	7	18	25	-	-	-	63	108	24	195
Subtotal	6	10	14	18	48	1	45	245	2,580	1,831	2,227	6,929
Full access control:												
Less than 9 feet	7	-	-	1	8	-	-	-	-	-	1	1
9 feet	-	-	-	-	-	-	-	-	-	-	-	-
10 feet	-	-	4	-	4	-	-	-	-	-	6	10
11 feet	-	-	6	15	21	-	-	-	4	-	36	36
12 feet	6,035	9,310	9,779	6,088	31,212	-	4	19	1,667	1,163	2,481	5,334
Greater than 12 feet	147	268	135	126	676	-	-	-	7	5	21	33
Subtotal	6,189	9,578	9,924	6,230	31,921	-	4	19	1,678	1,168	2,545	5,414
Total Divided	6,196	9,588	9,938	6,257	31,979	1	152	732	9,266	5,845	8,541	24,537
Total	7,183	9,610	9,942	6,257	32,992	4,847	12,826	13,058	46,741	10,829	10,604	98,905

For footnotes, see Footnotes Page.

**FUNCTIONAL SYSTEM LENGTH - 2002 1/
MILES BY LANE WIDTH, ACCESS CONTROL AND AVERAGE DAILY
TRAFFIC VOLUME - RURAL
NATIONAL SUMMARY**

TABLE HM-59
SHEET 2 OF 4

OCTOBER 2003

LANE WIDTH AND ACCESS CONTROL	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: 2/ Less than 9 feet	30	43	34	63	-	-	170	2,797	5,502	1,057	754	49	-	10,159
9 feet	295	211	288	388	3	1	1,186	3,173	11,528	6,628	10,386	306	3	32,024
10 feet	2,642	3,750	3,023	4,747	276	96	14,534	7,583	39,248	26,090	42,490	2,747	238	118,396
11 feet	5,351	4,682	6,179	8,683	708	283	25,886	10,421	31,190	25,681	39,225	3,844	462	110,823
12 feet	18,068	21,115	13,894	29,798	2,229	1,153	86,257	13,785	40,720	25,288	58,194	8,090	2,266	148,343
Greater than 12 feet	289	1,568	1,145	2,095	300	85	5,482	1,652	2,774	1,060	3,601	831	245	10,163
Total Undivided	26,675	31,369	24,563	45,774	3,516	1,618	133,515	39,411	130,962	85,804	154,650	15,867	3,214	429,908
Divided: 2/ No access control:														
Less than 9 feet	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9 feet	-	-	-	-	-	-	-	-	22	-	-	-	-	22
10 feet	-	-	-	34	1	9	44	-	-	-	113	-	-	113
11 feet	-	-	-	88	84	65	237	-	-	-	106	-	60	166
12 feet	1	47	73	1,189	762	917	2,989	-	-	82	326	534	296	1,238
Greater than 12 feet	-	-	-	113	-	50	163	-	-	-	9	-	14	23
Subtotal	1	47	73	1,424	847	1,041	3,433	-	22	82	554	534	370	1,562
Partial access control:														
Less than 9 feet	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9 feet	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10 feet	-	-	-	-	4	-	4	-	-	-	-	-	-	-
11 feet	-	-	-	-	2	-	2	-	-	-	-	-	-	-
12 feet	5	4	15	204	262	294	784	-	8	20	66	149	9	252
Greater than 12 feet	-	-	-	-	-	4	4	-	-	-	-	-	4	4
Subtotal	5	4	15	204	268	298	794	-	8	20	66	149	13	256
Full access control:														
Less than 9 feet	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9 feet	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10 feet	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11 feet	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12 feet	-	-	-	23	74	6	103	-	-	-	-	14	8	22
Greater than 12 feet	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal	-	-	-	23	74	6	103	-	-	-	-	14	8	22
Total Divided	6	51	88	1,651	1,189	1,345	4,330	-	30	102	620	697	391	1,840
Total	26,681	31,420	24,651	47,425	4,705	2,963	137,845	39,411	130,992	85,906	155,270	16,564	3,605	431,748

For footnotes, see Footnotes Page.

**FUNCTIONAL SYSTEM LENGTH - 2002 1/
MILES BY LANE WIDTH, ACCESS CONTROL AND AVERAGE DAILY
TRAFFIC VOLUME - URBAN
NATIONAL SUMMARY**

TABLE HM-59
SHEET 3 OF 4

OCTOBER 2003

LANE WIDTH AND ACCESS CONTROL	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 30,000	30,000- 69,999	70,000- 124,999	125,000- 174,999	175,000 AND OVER		LESS THAN 15,000	15,000- 34,999	35,000- 59,999	60,000- 99,999	100,000 AND OVER		LESS THAN 7,500	7,500- 14,999	15,000- 34,999	35,000- 59,999	60,000 AND OVER		
Undivided: 2/ Less than 9 feet	-	-	-	-	-	-	-	1	-	-	-	-	1	72	29	20	-	-	121
9 feet	-	-	-	-	-	-	-	-	-	-	-	-	-	61	75	51	3	-	190
10 feet	-	-	-	-	-	-	28	7	1	-	-	-	36	385	859	1,328	102	2	2,676
11 feet	-	-	-	-	-	-	9	39	-	1	1	50	782	1,478	2,149	268	24	4,701	
12 feet	14	3	-	-	-	17	242	219	48	3	1	513	4,366	7,247	8,872	1,069	32	21,586	
Greater than 12 feet	1	1	-	-	-	2	9	9	7	-	-	25	638	1,580	1,316	74	5	3,613	
Total Undivided	15	4	-	-	-	19	288	275	56	4	2	625	6,304	11,268	13,736	1,516	63	32,887	
Divided: 2/ No access control:																			
Less than 9 feet	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	2	-	8	
9 feet	-	-	-	-	-	-	-	-	-	-	-	-	8	12	10	3	-	33	
10 feet	-	-	-	-	-	-	-	-	-	-	-	-	8	53	243	152	15	471	
11 feet	-	-	-	-	-	-	-	-	-	-	-	-	31	116	911	593	72	1,723	
12 feet	-	-	-	-	-	-	1	7	6	-	-	14	506	1,598	6,654	3,135	439	12,332	
Greater than 12 feet	1	11	1	-	-	13	-	-	-	-	-	-	41	102	395	160	22	720	
Subtotal	1	11	1	-	-	13	1	7	6	-	-	14	594	1,881	8,219	4,045	548	15,287	
Partial access control:																			
Less than 9 feet	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	
9 feet	-	-	-	-	-	-	1	12	-	-	-	13	-	-	4	3	-	7	
10 feet	-	-	-	-	-	-	-	2	8	2	1	13	9	3	75	23	6	116	
11 feet	-	-	-	-	-	-	10	45	29	10	-	94	6	36	147	51	22	262	
12 feet	8	2	-	-	-	10	410	853	537	245	137	2,182	189	789	2,201	654	212	4,045	
Greater than 12 feet	3	32	5	-	-	40	7	18	9	-	3	37	10	49	137	31	2	229	
Subtotal	11	34	5	-	-	50	428	930	583	257	141	2,339	214	877	2,565	762	242	4,660	
Full access control:																			
Less than 9 feet	3	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	
9 feet	1	-	-	2	-	3	-	1	1	-	-	2	-	-	-	-	-	-	
10 feet	1	-	2	-	-	3	2	12	2	8	22	46	2	-	-	-	5	7	
11 feet	18	34	55	17	77	201	1	38	39	25	52	155	-	1	-	1	2	4	
12 feet	1,912	4,813	3,531	1,641	1,028	12,925	396	1,521	1,682	1,371	1,094	6,064	26	124	251	119	100	620	
Greater than 12 feet	82	121	79	22	26	330	3	25	17	48	11	104	1	9	23	4	2	39	
Subtotal	2,017	4,968	3,667	1,682	1,131	13,465	402	1,597	1,741	1,452	1,179	6,371	29	134	274	124	109	670	
Total Divided	2,029	5,013	3,673	1,682	1,131	13,528	831	2,534	2,330	1,709	1,320	8,724	837	2,892	11,058	4,931	899	20,617	
Total	2,044	5,017	3,673	1,682	1,131	13,547	1,119	2,809	2,386	1,713	1,322	9,349	7,141	14,160	24,794	6,447	962	53,504	

For footnotes, see Footnotes Page.

**FUNCTIONAL SYSTEM LENGTH - 2002 1/
MILES BY LANE WIDTH, ACCESS CONTROL AND AVERAGE DAILY
TRAFFIC VOLUME - URBAN
NATIONAL SUMMARY**

TABLE HM-59
SHEET 4 OF 4

OCTOBER 2003

LANE WIDTH AND ACCESS CONTROL	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: 2/ Less than 9 feet	70	93	49	50	27	5	294	455	664	124	120	9	-	1,372
9 feet	188	520	278	398	251	8	1,643	1,817	2,575	854	440	159	-	5,845
10 feet	678	2,333	2,122	3,490	2,725	524	11,872	3,519	7,657	3,770	3,178	883	65	19,072
11 feet	460	2,035	2,188	4,082	3,724	904	13,393	1,998	5,028	2,964	3,483	1,462	146	15,081
12 feet	1,065	5,322	6,107	14,292	12,840	3,170	42,796	4,539	11,935	7,449	8,292	3,228	475	35,918
Greater than 12 feet	138	1,106	1,232	3,607	2,846	484	9,413	1,082	2,925	2,265	2,514	768	71	9,625
Total Undivided	2,599	11,409	11,976	25,919	22,413	5,095	79,411	13,410	30,784	17,426	18,027	6,509	757	86,913
Divided: 2/ No access control:														
Less than 9 feet	-	-	-	-	-	7	7	-	-	-	2	-	-	2
9 feet	-	-	3	1	29	34	67	2	-	-	13	3	-	18
10 feet	-	3	24	56	262	147	492	2	7	15	44	104	13	185
11 feet	2	24	9	153	462	686	1,336	15	53	79	186	160	119	612
12 feet	48	165	174	897	2,675	3,532	7,491	39	81	170	435	656	162	1,543
Greater than 12 feet	-	4	16	65	183	232	500	6	34	15	28	31	29	143
Subtotal	50	196	226	1,172	3,611	4,638	9,893	64	175	279	708	954	323	2,503
Partial access control:														
Less than 9 feet	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9 feet	-	-	8	1	-	-	9	-	-	-	-	-	-	-
10 feet	-	-	-	9	4	3	16	-	-	-	-	2	-	2
11 feet	1	-	5	12	36	47	101	-	-	-	3	1	-	4
12 feet	12	14	25	144	375	379	949	4	6	8	17	32	9	76
Greater than 12 feet	-	-	-	10	22	112	144	-	1	-	-	-	1	2
Subtotal	13	14	38	176	437	541	1,219	4	7	8	20	35	10	84
Full access control:														
Less than 9 feet	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9 feet	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10 feet	-	-	-	-	3	-	3	-	-	-	-	-	-	-
11 feet	-	-	-	1	2	-	3	-	-	-	-	-	-	-
12 feet	-	-	6	17	34	128	185	-	-	-	-	-	4	4
Greater than 12 feet	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal	-	-	6	18	39	128	191	-	-	-	-	-	4	4
Total Divided	63	210	270	1,366	4,087	5,307	11,303	68	182	287	728	989	337	2,591
Total	2,662	11,619	12,246	27,285	26,500	10,402	90,714	13,478	30,966	17,713	18,755	7,498	1,094	89,504

For footnotes, see Footnotes Page.

**FUNCTIONAL SYSTEM LENGTH - 2002
MILES BY LANE WIDTH, ACCESS CONTROL AND AVERAGE DAILY
TRAFFIC VOLUME
NATIONAL SUMMARY**

HM-59 Footnotes Page:

- 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; does not include samples entirely on structures.
- 2/ Differences may exist from prior years due to the redefinition of divided and undivided roadways in 1999.