

**FUNCTIONAL SYSTEM LENGTH - 2020 1/
MILES BY LANE WIDTH, ACCESS CONTROL AND AVERAGE DAILY
TRAFFIC VOLUME - RURAL**

NATIONAL SUMMARY

TABLE HM-59
SHEET 1 OF 4

OCTOBER 2021

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 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		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	-	-	-	-	-	-	-	-	-	-	-	-	1	0	-	90	0	11	102
9 feet	-	-	-	-	-	-	-	-	-	-	-	-	12	54	35	145	11	3	260
10 feet	-	-	-	-	-	-	0	-	-	-	0	-	213	271	251	697	76	53	1,560
11 feet	87	37	-	0	124	-	50	7	16	3	4	79	971	1,482	1,812	3,153	401	64	7,883
12 feet	1,037	77	72	93	1,279	6	27	34	357	24	40	488	6,028	9,868	10,010	24,665	1,907	720	53,198
Greater than 12 feet	24	-	-	-	24	2	-	0	8	0	-	10	112	172	306	771	28	20	1,408
Total Undivided	1,148	114	72	93	1,427	7	77	42	380	28	43	578	7,336	11,847	12,413	29,521	2,424	870	64,410
Divided: 2/ No access control:																			
Less than 9 feet	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	-	-	0
9 feet	-	-	-	-	-	-	-	-	-	-	-	-	-	0	-	7	-	-	7
10 feet	-	-	-	-	-	-	-	-	1	-	-	1	0	2	1	46	11	11	71
11 feet	-	-	-	-	-	-	-	-	6	-	-	6	6	50	53	585	200	161	1,056
12 feet	-	17	-	-	17	-	6	21	177	63	51	318	42	176	741	7,016	2,566	2,038	12,579
Greater than 12 feet	-	-	-	-	-	-	-	0	2	5	0	7	1	10	8	307	157	63	546
Subtotal	-	17	-	-	17	-	6	21	186	68	51	332	49	239	803	7,961	2,934	2,274	14,259
Partial access control:																			
Less than 9 feet	-	-	-	6	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9 feet	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1
10 feet	-	-	-	-	-	-	-	-	-	-	8	8	16	-	7	57	16	6	101
11 feet	-	-	-	-	-	-	-	-	1	-	0	1	-	0	-	71	33	47	151
12 feet	5	5	20	-	30	-	26	94	814	390	508	1,832	5	57	278	2,675	1,232	1,226	5,472
Greater than 12 feet	-	-	13	-	13	-	1	5	23	19	1	50	1	24	19	182	43	28	297
Subtotal	5	5	34	6	49	-	27	99	838	409	517	1,890	22	81	303	2,986	1,323	1,308	6,023
Full access control:																			
Less than 9 feet	-	-	3	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9 feet	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10 feet	17	35	26	6	84	-	-	-	0	-	-	0	-	-	-	-	-	-	-
11 feet	624	695	282	134	1,735	-	0	-	8	20	6	34	-	-	-	-	-	-	-
12 feet	4,603	7,635	7,921	4,286	24,445	-	-	-	859	826	1,169	2,853	-	2	108	404	95	249	858
Greater than 12 feet	148	221	83	49	500	0	-	-	1	10	8	19	-	-	-	-	4	7	11
Subtotal	5,392	8,586	8,316	4,475	26,769	0	0	-	868	855	1,183	2,906	-	2	108	404	99	256	869
Total Divided	5,396	8,608	8,349	4,481	26,834	0	33	120	1,892	1,332	1,751	5,129	71	321	1,214	11,350	4,357	3,837	21,150
Total	6,544	8,721	8,421	4,575	28,261	8	110	162	2,272	1,360	1,794	5,706	7,406	12,169	13,627	40,871	6,780	4,707	85,560

For footnotes, see Footnotes Page.

**FUNCTIONAL SYSTEM LENGTH - 2020 1/
MILES BY LANE WIDTH, ACCESS CONTROL AND AVERAGE DAILY
TRAFFIC VOLUME - RURAL
NATIONAL SUMMARY**

TABLE HM-59
SHEET 2 OF 4

OCTOBER 2021

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	24	57	109	0	17	-	208	1,505	3,684	1,380	1,274	3	1	7,847
9 feet	335	247	175	98	14	-	868	2,966	7,219	3,882	4,280	140	1	18,489
10 feet	2,643	2,626	2,830	3,281	106	13	11,499	8,031	33,689	20,049	27,001	626	52	89,447
11 feet	6,881	6,478	6,085	5,170	182	60	24,856	9,064	31,701	24,954	31,085	1,251	191	98,246
12 feet	22,539	21,057	16,066	25,048	1,131	315	86,156	19,511	50,014	25,946	50,209	3,386	342	149,407
Greater than 12 feet	307	861	337	849	14	1	2,369	935	2,594	1,554	2,306	404	71	7,864
Total Undivided	32,728	31,327	25,603	34,447	1,463	388	125,956	42,011	128,901	77,765	116,156	5,810	657	371,300
Divided: 2/														
No access control:														
Less than 9 feet	-	1	-	35	-	-	35	-	13	-	-	0	22	35
9 feet	-	-	-	2	0	-	2	-	3	3	0	-	-	6
10 feet	-	6	2	11	1	19	38	-	5	54	18	3	0	81
11 feet	24	13	28	90	12	8	175	-	42	59	91	64	2	257
12 feet	4	82	398	869	258	286	1,895	0	19	21	309	383	43	775
Greater than 12 feet	1	90	12	21	30	4	158	-	23	2	24	0	1	52
Subtotal	28	191	439	1,027	300	317	2,303	0	106	139	443	450	67	1,206
Partial access control:														
Less than 9 feet	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9 feet	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10 feet	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11 feet	-	-	-	-	33	-	33	-	-	-	-	-	-	-
12 feet	-	14	5	269	56	35	378	-	-	-	41	88	16	145
Greater than 12 feet	0	0	-	38	2	-	41	-	-	-	-	1	-	1
Subtotal	0	14	5	308	91	35	453	-	-	-	41	89	16	146
Full access control:														
Less than 9 feet	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9 feet	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10 feet	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11 feet	-	14	-	-	-	-	14	-	-	-	-	-	-	-
12 feet	-	-	-	0	18	0	18	-	-	-	6	6	1	14
Greater than 12 feet	-	-	-	-	-	1	1	-	-	-	18	-	0	18
Subtotal	-	14	-	0	18	1	33	-	-	-	24	6	1	32
Total Divided	28	219	444	1,335	409	353	2,789	0	106	139	508	546	84	1,383
Total	32,756	31,546	26,047	35,782	1,873	741	128,745	42,011	129,007	77,905	116,663	6,356	741	372,684

For footnotes, see Footnotes Page.

**FUNCTIONAL SYSTEM LENGTH - 2020 1/
MILES BY LANE WIDTH, ACCESS CONTROL AND AVERAGE DAILY
TRAFFIC VOLUME - URBAN
NATIONAL SUMMARY**

TABLE HM-59
SHEET 3 OF 4

OCTOBER 2021

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	-	-	-	-	-	-	-	-	-	-	-	-	49	58	57	0	-	164
9 feet	-	-	-	-	-	-	0	0	-	-	-	1	40	63	73	-	-	176
10 feet	1	-	-	-	-	1	1	7	-	-	-	9	472	944	837	68	4	2,325
11 feet	24	2	1	0	-	27	43	24	0	0	-	68	1,489	2,079	1,788	56	14	5,426
12 feet	97	109	42	30	3	280	190	195	23	3	3	414	5,722	8,783	8,460	486	2	23,453
Greater than 12 feet	7	-	3	1	-	10	18	15	1	0	-	34	718	1,066	536	16	-	2,335
Total Undivided	128	112	46	31	3	319	253	242	25	4	3	526	8,491	12,994	11,750	626	20	33,881
Divided: 2/																		
No access control:																		
Less than 9 feet	-	-	-	-	-	-	-	-	-	-	-	-	14	9	39	4	-	66
9 feet	-	-	-	-	-	-	-	-	-	-	-	-	2	17	52	-	-	71
10 feet	5	-	-	-	-	5	1	0	0	0	1	2	9	193	318	61	10	591
11 feet	0	1	-	-	-	1	0	4	3	-	-	8	128	485	1,219	469	25	2,325
12 feet	10	2	5	-	-	17	116	90	36	14	19	275	911	3,657	9,126	2,463	250	16,406
Greater than 12 feet	7	-	-	-	-	7	7	4	0	-	-	11	126	387	754	71	11	1,349
Subtotal	22	2	5	-	-	29	125	98	40	14	20	297	1,190	4,747	11,508	3,067	296	20,807
Partial access control:																		
Less than 9 feet	-	3	-	-	-	3	1	-	-	-	-	1	-	-	-	-	-	-
9 feet	-	-	-	-	-	-	-	-	-	-	-	-	-	0	1	-	-	2
10 feet	4	25	-	-	-	29	9	1	5	-	-	15	1	26	70	21	3	122
11 feet	-	-	-	-	-	-	10	14	17	3	-	45	9	147	216	75	1	449
12 feet	28	33	1	0	-	63	276	712	251	60	15	1,315	421	1,113	2,251	547	63	4,395
Greater than 12 feet	11	6	-	-	-	18	16	35	-	-	-	51	18	67	123	11	-	219
Subtotal	43	68	1	0	-	113	313	762	273	63	15	1,426	450	1,354	2,662	653	67	5,186
Full access control:																		
Less than 9 feet	7	-	0	-	-	7	1	5	4	5	5	20	-	-	-	-	-	-
9 feet	-	1	13	8	-	22	1	12	-	-	-	13	1	-	-	-	-	1
10 feet	12	47	3	1	0	63	6	17	10	-	-	33	-	-	4	-	-	4
11 feet	227	200	59	41	13	541	52	42	35	23	9	162	7	5	25	0	-	37
12 feet	3,420	6,592	4,438	1,584	863	16,897	902	2,334	2,344	1,853	1,280	8,713	95	229	435	76	36	871
Greater than 12 feet	62	95	42	7	41	246	27	36	24	4	4	94	7	4	3	-	5	19
Subtotal	3,729	6,935	4,556	1,640	916	17,776	989	2,445	2,418	1,886	1,298	9,035	110	237	467	76	41	931
Total Divided	3,794	7,005	4,561	1,641	916	17,918	1,427	3,305	2,731	1,963	1,333	10,758	1,750	6,338	14,637	3,796	404	26,924
Total	3,922	7,117	4,607	1,671	919	18,237	1,680	3,547	2,755	1,967	1,336	11,284	10,240	19,332	26,387	4,422	424	60,805

For footnotes, see Footnotes Page.

**FUNCTIONAL SYSTEM LENGTH - 2020 1/
MILES BY LANE WIDTH, ACCESS CONTROL AND AVERAGE DAILY
TRAFFIC VOLUME - URBAN
NATIONAL SUMMARY**

TABLE HM-59
SHEET 4 OF 4

OCTOBER 2021

LANE WIDTH AND ACCESS CONTROL	MINOR ARTERIAL							MAJOR COLLECTOR							MINOR COLLECTOR						
	AVERAGE DAILY TRAFFIC VOLUME						TOTAL	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		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	101	151	79	155	70	3	560	669	748	343	180	22	8	1,970	281	202	29	12	6	2	531
9 feet	141	533	433	461	226	9	1,805	1,860	2,275	830	279	75	3	5,322	651	422	109	42	2	1	1,227
10 feet	476	2,467	2,166	4,164	3,377	183	12,833	5,992	10,231	4,296	3,350	1,143	16	25,028	1,496	2,002	469	354	17	2	4,340
11 feet	454	2,890	2,866	5,912	2,589	450	15,160	3,549	7,450	4,479	3,787	64	64	20,003	1,062	1,105	359	224	24	7	2,781
12 feet	1,269	5,939	7,297	16,523	12,013	2,391	45,433	6,824	14,675	10,930	9,785	3,459	478	46,151	2,269	2,765	1,034	509	121	8	6,707
Greater than 12 feet	259	1,612	1,828	4,138	1,627	202	9,666	1,930	3,826	3,044	1,944	290	11	11,045	367	556	762	93	15	5	1,797
Total Undivided	2,700	13,593	14,670	31,352	19,902	3,240	85,457	20,823	39,205	23,922	19,326	5,664	579	109,519	6,126	7,053	2,763	1,233	185	24	17,384
Divided: 2/ No access control: Less than 9 feet	0	0	1	29	4	0	34	3	2	-	6	5	3	19	-	0	7	-	3	-	10
9 feet	-	-	3	16	13	15	48	1	1	7	37	13	0	59	0	1	-	0	1	0	3
10 feet	11	22	16	305	612	268	1,234	21	45	99	221	88	10	483	3	11	14	25	2	1	57
11 feet	4	59	100	425	706	504	1,798	28	100	119	312	445	84	1,088	6	14	22	36	9	16	103
12 feet	115	145	326	2,304	3,429	1,886	8,206	77	582	423	1,255	804	235	3,376	99	366	252	203	127	16	1,064
Greater than 12 feet	7	59	75	390	795	315	1,642	44	162	176	387	86	30	886	5	29	20	38	3	-	95
Subtotal	137	287	522	3,469	5,560	2,988	12,961	174	891	823	2,219	1,441	363	5,911	114	422	315	303	145	33	1,331
Partial access control: Less than 9 feet	-	-	-	-	4	4	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9 feet	0	-	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-	0	0	-	0
10 feet	-	-	0	13	68	5	86	-	-	0	1	0	-	2	-	-	0	0	-	-	0
11 feet	-	1	7	17	44	17	86	-	0	2	4	1	-	7	-	1	-	1	-	-	2
12 feet	1	100	40	151	467	145	904	13	4	4	68	56	1	148	-	1	12	16	0	-	29
Greater than 12 feet	1	0	9	8	3	1	22	-	1	0	2	1	0	4	2	-	-	0	0	-	2
Subtotal	2	101	56	189	586	172	1,107	13	5	7	75	59	2	161	2	2	12	18	1	-	34
Full access control: Less than 9 feet	-	-	-	-	-	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9 feet	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10 feet	-	0	-	15	40	-	56	-	1	3	-	-	0	4	-	0	-	-	-	-	0
11 feet	-	-	-	-	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12 feet	-	4	-	73	18	23	116	-	-	3	0	0	2	5	-	-	-	-	3	-	3
Greater than 12 feet	-	1	-	1	1	1	5	0	-	-	-	-	1	1	-	-	-	-	-	-	-
Subtotal	-	6	-	89	61	24	180	0	1	5	0	0	3	10	-	0	-	-	3	-	3
Total Divided	139	393	578	3,747	6,207	3,184	14,248	188	898	835	2,294	1,500	368	6,082	115	423	327	321	149	33	1,368
Total	2,839	13,987	15,248	35,099	26,109	6,423	99,705	21,011	40,103	24,757	21,619	7,164	947	115,601	6,241	7,476	3,090	1,554	334	57	18,752

For footnotes, see Footnotes Page.

**FUNCTIONAL SYSTEM LENGTH - 2020
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.