

# FUNCTIONAL SYSTEM LENGTH - 1998

## MILES BY TRAFFIC LANES AND ACCESS CONTROL - RURAL 1/

TABLE HM-55  
SHEET 1 OF 4

OCTOBER 1999

STATE	INTERSTATE				OTHER PRINCIPAL ARTERIAL						
	DIVIDED HIGHWAYS		OTHER 2/	TOTAL	2 LANES	DIVIDED HIGHWAYS - 4 OR MORE LANES			OTHER 2/	TOTAL	
	FULL ACCESS	CONTROL				DEGREE OF ACCESS CONTROL					
	4 LANES	> 4 LANES	NONE	PARTIAL	FULL	TOTAL					
Alabama	595	6	-	601	1,344	551	10	-	561	171	2,076
Alaska	1	-	1,029	1,030	799	-	3	-	3	7	809
Arizona	994	2	-	996	958	127	-	3	130	98	1,186
Arkansas	393	-	-	393	1,849	78	59	141	278	104	2,231
California	1,069	288	-	1,357	2,411	230	365	571	1,166	112	3,689
Colorado	718	51	-	769	1,682	-	208	7	215	303	2,200
Connecticut	78	23	-	101	172	2	1	75	78	14	264
Delaware	-	-	-	-	53	134	13	16	163	4	220
Dist. of Columbia	-	-	-	-	-	-	-	-	-	-	-
Florida	796	157	-	953	2,395	1,083	18	178	1,279	44	3,718
Georgia	624	183	-	807	1,718	585	153	18	756	316	2,790
Hawaii	6	-	-	6	118	4	-	-	4	3	125
Idaho	526	-	-	526	1,457	6	44	-	50	166	1,673
Illinois	1,484	32	2	1,518	2,366	57	140	39	236	29	2,631
Indiana	814	38	-	852	1,093	334	267	2	603	13	1,709
Iowa	610	24	-	634	2,784	-	352	120	472	172	3,428
Kansas	698	-	-	698	2,787	29	202	101	332	53	3,172
Kentucky	496	40	-	536	1,100	213	182	510	905	42	2,047
Louisiana	605	7	-	612	872	247	66	15	328	37	1,237
Maine	300	13	-	313	770	-	-	4	4	13	787
Maryland	95	134	-	229	181	181	121	40	342	24	547
Massachusetts	111	51	-	162	193	4	9	76	89	30	312
Michigan	638	102	-	740	2,150	-	66	430	496	115	2,761
Minnesota	663	18	-	681	2,718	483	267	28	778	80	3,576
Mississippi	553	4	-	557	922	285	413	135	833	96	1,851
Missouri	801	5	-	806	2,480	270	62	4	336	285	3,101
Montana	1,134	-	-	1,134	2,495	14	1	-	15	113	2,623
Nebraska	437	-	-	437	2,403	93	168	3	264	49	2,716
Nevada	480	-	-	480	1,279	51	-	20	71	39	1,389
New Hampshire	150	21	6	177	382	8	1	18	27	49	458
New Jersey	42	77	-	119	284	52	29	79	160	89	533
New Mexico	877	15	-	892	1,332	361	14	1	376	91	1,799
New York	737	58	1	796	1,368	81	131	302	514	116	1,998
North Carolina	604	31	-	635	1,186	396	209	267	872	176	2,234
North Dakota	531	-	-	531	2,567	-	361	-	361	2	2,930
Ohio	794	35	-	829	1,220	60	561	329	950	55	2,225
Oklahoma	721	-	-	721	1,471	387	92	355	834	61	2,366
Oregon	559	22	-	581	2,358	118	15	1	134	340	2,832
Pennsylvania	1,168	33	-	1,201	1,625	215	48	337	600	270	2,495
Rhode Island	21	-	-	21	47	-	13	1	14	6	67
South Carolina	647	24	-	671	863	534	7	16	557	34	1,454
South Dakota	627	2	-	629	2,334	27	121	2	150	55	2,539
Tennessee	708	26	-	734	1,116	448	17	109	574	127	1,817
Texas	2,125	90	-	2,215	3,620	1,458	234	109	1,801	1,440	6,861
Utah	750	21	-	771	817	46	34	-	80	112	1,009
Vermont	280	-	-	280	256	3	7	16	26	35	317
Virginia	636	79	1	716	202	958	74	159	1,191	163	1,556
Washington	395	102	4	501	1,630	157	16	20	193	256	2,079
West Virginia	431	24	-	455	796	20	247	4	271	14	1,081
Wisconsin	524	48	2	574	2,661	90	265	272	627	73	3,361
Wyoming	826	-	-	826	1,971	1	3	-	4	11	1,986
U.S. Total	29,872	1,886	1,045	32,803	71,655	10,481	5,689	4,933	21,103	6,107	98,865
Puerto Rico	64	1	37	102	45	2	5	22	29	24	98
Grand Total	29,936	1,887	1,082	32,905	71,700	10,483	5,694	4,955	21,132	6,131	98,963

**FUNCTIONAL SYSTEM LENGTH - 1998**  
**MILES BY TRAFFIC LANES AND ACCESS CONTROL - RURAL 1/**

OCTOBER 1999

TABLE HM-55  
 SHEET 2 OF 4

STATE	MINOR ARTERIAL							MAJOR COLLECTOR						
	2 LANES	DIVIDED HIGHWAYS - 4 OR MORE LANES			OTHER 2/	TOTAL	2 LANES	DIVIDED HIGHWAYS - 4 OR MORE LANES			OTHER 2/	TOTAL		
		DEGREE OF ACCESS CONTROL						DEGREE OF ACCESS CONTROL						
NONE	PARTIAL	FULL	TOTAL	NONE	PARTIAL	FULL	TOTAL							
Alabama	3,524	55	-	-	55	115	3,694	11,691	18	-	-	18	10	11,719
Alaska	437	-	-	-	-	-	437	1,418	-	-	-	-	3	1,421
Arizona	1,109	80	-	-	80	68	1,257	4,430	9	-	-	9	66	4,505
Arkansas	2,891	-	-	-	-	58	2,949	12,481	14	-	-	14	22	12,517
California	6,628	11	186	-	197	75	6,900	12,608	285	-	-	285	107	13,000
Colorado	3,613	11	11	-	22	46	3,681	5,976	4	13	-	17	1	5,994
Connecticut	481	5	-	-	5	13	499	1,202	5	-	-	5	4	1,211
Delaware	92	13	-	-	13	-	105	544	8	-	-	8	-	552
Dist. of Columbia	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Florida	2,533	49	-	-	49	-	2,582	4,312	20	-	-	20	36	4,368
Georgia	5,052	124	2	2	128	421	5,601	13,660	3	-	-	3	23	13,686
Hawaii	359	-	-	-	-	16	375	351	-	-	-	-	-	351
Idaho	1,273	9	-	-	9	26	1,308	5,283	-	30	-	30	34	5,347
Illinois	4,709	47	67	7	121	-	4,830	14,096	8	54	-	62	32	14,190
Indiana	1,957	232	37	-	269	8	2,234	10,480	217	29	-	246	5	10,731
Iowa	3,887	-	4	-	4	65	3,956	14,189	-	-	-	-	107	14,296
Kansas	4,153	2	58	-	60	80	4,293	22,998	4	-	-	4	12	23,014
Kentucky	1,576	6	17	-	23	9	1,608	6,971	-	-	11	11	1	6,983
Louisiana	1,305	203	24	-	227	25	1,557	6,293	500	-	-	500	54	6,847
Maine	1,043	2	-	-	2	27	1,072	3,226	-	-	-	-	-	3,226
Maryland	935	49	3	-	52	3	990	1,889	6	-	-	6	4	1,899
Massachusetts	635	4	-	19	23	13	671	1,788	-	-	-	-	8	1,796
Michigan	4,037	-	3	-	3	42	4,082	16,948	-	15	-	15	25	16,988
Minnesota	6,181	55	9	-	64	39	6,284	16,248	63	-	-	63	1	16,312
Mississippi	3,773	115	10	-	125	20	3,918	11,832	1	4	-	5	264	12,101
Missouri	3,421	-	16	-	16	10	3,447	17,890	-	-	-	-	21	17,911
Montana	2,962	3	-	-	3	20	2,985	7,057	-	-	-	-	6	7,063
Nebraska	4,172	21	-	-	21	6	4,199	11,526	8	1	-	9	4	11,539
Nevada	638	68	-	-	68	20	726	2,221	-	-	-	-	16	2,237
New Hampshire	470	-	-	-	-	15	485	1,161	-	-	-	-	-	1,161
New Jersey	443	41	-	-	41	6	490	1,561	-	-	-	-	20	1,581
New Mexico	1,740	85	-	-	85	42	1,867	3,857	62	-	-	62	61	3,980
New York	3,909	132	-	8	140	67	4,116	6,059	34	-	-	34	3	6,096
North Carolina	2,728	19	78	-	97	178	3,003	8,464	7	-	-	7	197	8,668
North Dakota	2,513	-	-	-	-	-	2,513	11,275	-	-	-	-	-	11,275
Ohio	2,748	41	-	-	41	42	2,831	11,371	43	115	9	167	338	11,876
Oklahoma	2,521	155	31	-	186	42	2,749	21,134	86	14	-	100	115	21,349
Oregon	2,073	29	1	-	30	109	2,212	9,144	-	-	-	-	-	9,144
Pennsylvania	4,784	66	19	41	126	196	5,106	8,029	-	-	-	-	33	8,062
Rhode Island	69	-	-	-	-	7	76	171	2	-	-	2	4	177
South Carolina	3,244	381	-	-	381	35	3,660	8,079	60	-	-	60	-	8,139
South Dakota	3,330	4	2	-	6	15	3,351	12,464	-	-	-	-	2	12,466
Tennessee	3,291	87	-	-	87	34	3,412	5,326	-	-	-	-	37	5,363
Texas	8,039	481	45	15	541	1,063	9,643	35,017	192	7	-	199	467	35,683
Utah	1,499	16	1	-	17	19	1,535	3,279	9	-	-	9	26	3,314
Vermont	732	1	-	-	1	-	733	1,989	2	-	-	2	-	1,991
Virginia	2,968	362	22	-	384	70	3,422	9,415	209	-	-	209	115	9,739
Washington	1,688	49	-	-	49	240	1,977	8,369	-	-	-	-	12	8,381
West Virginia	1,522	12	-	-	12	-	1,534	5,995	1	-	-	1	2	5,998
Wisconsin	4,794	24	21	-	45	147	4,986	13,497	40	-	-	40	12	13,549
Wyoming	1,315	1	-	-	1	4	1,320	2,414	-	-	-	-	22	2,436
U.S. Total	129,796	3,150	667	92	3,909	3,556	137,261	427,678	1,920	282	20	2,222	2,332	432,232
Puerto Rico	282	-	3	-	3	6	291	797	-	-	-	-	-	797
Grand Total	130,078	3,150	670	92	3,912	3,562	137,552	428,475	1,920	282	20	2,222	2,332	433,029

**FUNCTIONAL SYSTEM LENGTH - 1998**  
**MILES BY TRAFFIC LANES AND ACCESS CONTROL - URBAN 1/**

TABLE HM-55  
 SHEET 3 OF 4

OCTOBER 1999

STATE	INTERSTATE				OTHER FREEWAYS AND EXPRESSWAYS							OTHER PRINCIPAL ARTERIAL						
	DIVIDED HIGHWAYS		OTHER 2/	TOTAL	2 LANES	DIVIDED HIGHWAYS - 4 OR MORE LANES				OTHER 2/	TOTAL	2 LANES	DIVIDED HIGHWAYS - 4 OR MORE LANES				OTHER 2/	TOTAL
	FULL ACCESS CONTROL					DEGREE OF ACCESS CONTROL			DEGREE OF ACCESS CONTROL				DEGREE OF ACCESS CONTROL					
	4 LANES	> 4 LANES	NONE	PARTIAL	FULL	TOTAL	NONE	PARTIAL	FULL	TOTAL	NONE	PARTIAL	FULL	TOTAL				
Alabama	204	100	-	304	-	4	15	1	20	-	20	303	439	10	-	449	246	998
Alaska	26	9	18	53	-	-	-	-	-	-	-	8	4	21	6	31	18	57
Arizona	110	62	-	172	8	3	5	83	91	-	99	166	297	19	-	316	546	1,028
Arkansas	101	47	-	148	8	6	23	75	104	1	113	262	36	11	9	56	262	580
California	109	958	2	1,069	42	2	214	1,123	1,339	17	1,398	1,317	2,243	201	39	2,483	2,044	5,844
Colorado	119	65	-	184	16	-	124	68	192	13	221	220	136	235	14	385	254	859
Connecticut	75	169	1	245	3	-	1	188	189	6	198	388	55	4	-	59	158	605
Delaware	11	30	-	41	-	-	-	10	10	-	10	30	78	4	1	83	21	134
Dist. of Columbia	3	9	-	12	1	1	10	3	14	4	19	5	25	4	-	29	64	98
Florida	225	293	-	518	4	-	43	372	415	-	419	468	2,093	-	-	2,093	127	2,688
Georgia	135	301	-	436	10	-	24	122	146	10	166	617	427	20	23	470	668	1,755
Hawaii	12	37	-	49	1	-	29	-	29	4	34	62	22	25	-	47	30	139
Idaho	76	9	-	85	-	-	-	-	-	-	-	103	6	14	-	20	135	258
Illinois	322	322	2	646	4	5	10	59	74	3	81	975	704	279	53	1,036	592	2,603
Indiana	192	127	-	319	11	6	71	45	122	2	135	857	338	80	10	428	263	1,548
Iowa	106	41	-	147	-	-	-	-	-	-	-	165	27	235	53	315	238	718
Kansas	95	79	-	174	3	2	73	55	130	3	136	221	56	73	2	131	298	650
Kentucky	118	109	-	227	4	-	4	83	87	1	92	219	191	81	1	273	161	653
Louisiana	202	80	-	282	-	5	18	22	45	-	45	214	341	37	7	385	244	843
Maine	52	1	-	53	2	-	3	14	17	-	19	123	7	4	2	13	39	175
Maryland	56	195	1	252	12	5	79	134	218	5	235	229	419	34	4	457	173	859
Massachusetts	74	329	-	403	19	-	-	186	186	-	205	1,173	138	82	-	220	162	1,555
Michigan	194	305	1	500	3	-	5	214	219	-	222	482	60	305	3	368	1,128	1,978
Minnesota	124	108	-	232	-	9	43	89	141	3	144	177	209	86	10	305	52	534
Mississippi	120	8	-	128	-	4	21	16	41	-	41	257	45	130	37	212	161	630
Missouri	159	213	-	372	129	12	140	3	155	36	320	896	37	12	1	50	100	1,046
Montana	57	-	-	57	-	-	-	-	-	-	-	77	15	2	-	17	79	173
Nebraska	30	15	-	45	1	-	6	10	16	-	17	124	121	39	6	166	126	416
Nevada	41	45	-	86	-	2	-	30	32	4	36	52	78	-	-	78	99	229
New Hampshire	36	13	-	49	1	-	8	32	40	-	41	136	11	1	1	13	22	171
New Jersey	51	250	1	302	8	-	41	255	296	8	312	534	282	68	8	358	417	1,309
New Mexico	84	24	-	108	3	-	-	-	-	-	3	84	283	21	3	307	125	516
New York	299	401	2	702	29	8	181	556	745	51	825	1,369	379	126	41	546	595	2,510
North Carolina	199	152	2	353	28	5	95	148	248	12	288	545	301	64	13	378	444	1,367
North Dakota	38	3	-	41	-	-	-	-	-	-	-	71	4	36	-	40	53	164
Ohio	376	363	4	743	11	8	123	239	370	4	385	764	136	141	36	313	902	1,979
Oklahoma	132	77	-	209	-	1	20	110	131	3	134	211	161	26	4	191	401	803
Oregon	85	61	-	146	2	-	19	31	50	2	54	302	187	2	-	189	175	666
Pennsylvania	411	138	-	549	12	4	30	412	446	28	486	1,196	392	32	31	455	616	2,267
Rhode Island	14	33	-	47	1	-	16	45	61	6	68	213	15	12	1	28	97	338
South Carolina	87	71	-	158	4	1	34	29	64	-	68	157	464	1	5	470	75	702
South Dakota	48	1	-	49	-	-	-	-	-	-	-	36	5	19	-	24	73	133
Tennessee	180	160	-	340	2	7	19	84	110	2	114	374	407	31	7	445	494	1,313
Texas	452	566	-	1,018	146	106	166	532	804	273	1,223	1,620	651	115	120	886	2,404	4,910
Utah	57	110	-	167	3	-	6	-	6	-	9	69	148	45	-	193	16	278
Vermont	40	-	-	40	10	-	5	1	6	3	19	79	2	-	-	2	16	97
Virginia	143	250	8	401	19	17	34	129	180	10	209	282	502	47	24	573	281	1,136
Washington	94	169	-	263	38	21	65	110	196	79	313	455	51	2	13	66	579	1,100
West Virginia	85	9	-	94	1	-	-	8	8	-	9	92	52	25	4	81	30	203
Wisconsin	107	61	2	170	5	-	11	159	170	1	176	606	304	164	11	479	233	1,318
Wyoming	86	-	1	87	-	-	2	1	3	-	3	91	32	49	-	81	33	205
U.S. Total	6,252	6,978	45	13,275	604	244	1,836	5,886	7,966	594	9,164	19,476	13,416	3,074	603	17,093	16,569	53,138
Puerto Rico	54	40	53	147	-	1	14	35	50	-	50	75	66	40	2	108	58	241
Grand Total	6,306	7,018	98	13,422	604	245	1,850	5,921	8,016	594	9,214	19,551	13,482	3,114	605	17,201	16,627	53,379

## FUNCTIONAL SYSTEM LENGTH - 1998

### MILES BY TRAFFIC LANES AND ACCESS CONTROL - URBAN 1/

TABLE HM-55  
SHEET 4 OF 4

OCTOBER 1999

STATE	MINOR ARTERIAL							COLLECTOR						
	2 LANES	DIVIDED HIGHWAYS - 4 OR MORE LANES				OTHER 2/	TOTAL	2 LANES	DIVIDED HIGHWAYS - 4 OR MORE LANES				OTHER 2/	TOTAL
		DEGREE OF ACCESS CONTROL			TOTAL				DEGREE OF ACCESS CONTROL			TOTAL		
	NONE	PARTIAL	FULL				NONE	PARTIAL	FULL					
Alabama	1,381	105	1	-	106	500	1,987	2,005	35	-	-	35	120	2,160
Alaska	145	11	12	-	23	34	202	223	-	-	-	-	6	229
Arizona	554	93	7	-	100	621	1,275	1,423	100	-	-	100	227	1,750
Arkansas	912	1	1	-	2	168	1,082	888	11	1	-	12	28	928
California	5,313	2,310	466	-	2,776	2,147	10,236	8,939	403	12	-	415	620	9,974
Colorado	1,030	210	7	-	217	181	1,428	1,174	42	-	-	42	103	1,319
Connecticut	1,350	20	3	4	27	105	1,482	1,154	5	-	-	5	31	1,190
Delaware	105	20	2	-	22	32	159	206	11	-	-	11	7	224
Dist. of Columbia	50	10	5	1	16	84	150	135	6	-	-	6	16	157
Florida	1,526	1,350	-	-	1,350	179	3,055	5,113	472	-	-	472	239	5,824
Georgia	2,159	114	-	14	128	682	2,969	1,964	-	-	-	-	157	2,121
Hawaii	49	18	4	-	22	37	108	316	4	-	-	4	19	339
Idaho	439	2	5	-	7	67	513	542	-	-	-	-	15	557
Illinois	2,586	426	22	-	448	772	3,806	3,418	90	1	-	91	266	3,775
Indiana	2,157	69	2	-	71	195	2,423	2,170	5	-	-	5	27	2,202
Iowa	851	74	6	-	80	433	1,364	773	8	-	-	8	166	947
Kansas	772	70	9	-	79	223	1,074	976	3	2	-	5	35	1,016
Kentucky	977	57	17	-	74	115	1,166	1,118	6	-	-	6	29	1,153
Louisiana	1,195	172	-	-	172	153	1,520	930	15	-	-	15	28	973
Maine	243	4	-	-	4	33	280	472	-	-	-	-	10	482
Maryland	836	203	7	-	210	154	1,200	1,016	113	-	-	113	195	1,324
Massachusetts	3,053	25	3	-	28	25	3,106	2,531	-	-	-	-	405	2,531
Michigan	2,447	168	96	-	264	687	3,398	2,010	104	22	-	126	405	2,541
Minnesota	1,473	315	38	-	353	313	2,139	1,343	80	2	-	82	111	1,536
Mississippi	579	2	1	-	3	91	673	948	13	-	-	13	22	983
Missouri	1,316	50	1	-	51	420	1,787	1,574	6	-	-	6	29	1,609
Montana	206	7	1	-	8	12	226	296	1	-	-	1	-	297
Nebraska	440	43	-	-	43	58	541	391	16	-	-	16	7	414
Nevada	145	144	-	-	144	234	523	619	20	-	-	20	97	736
New Hampshire	403	12	6	-	18	12	433	278	1	-	-	1	2	281
New Jersey	2,714	30	-	-	30	336	3,080	2,126	10	-	-	10	28	2,164
New Mexico	194	85	-	-	85	52	331	407	25	-	-	25	27	459
New York	4,037	301	156	47	504	455	4,996	3,642	204	-	-	204	194	4,040
North Carolina	1,746	63	44	1	108	476	2,330	1,564	16	1	-	17	97	1,678
North Dakota	218	1	15	-	16	33	267	225	-	-	-	-	-	225
Ohio	2,577	104	64	27	195	696	3,468	3,404	5	1	-	6	94	3,504
Oklahoma	1,429	1	-	-	1	491	1,921	926	-	-	-	-	58	984
Oregon	918	33	-	-	33	145	1,096	1,251	4	-	-	4	22	1,277
Pennsylvania	2,925	83	21	-	104	256	3,285	3,655	10	-	-	10	72	3,737
Rhode Island	306	5	5	6	16	31	353	528	-	-	-	-	3	531
South Carolina	627	272	-	-	272	94	993	1,375	41	-	-	41	44	1,460
South Dakota	208	2	7	-	9	56	273	192	-	-	-	-	8	200
Tennessee	1,496	102	-	-	102	516	2,114	1,556	10	-	-	10	89	1,655
Texas	4,458	801	24	1	826	1,634	6,918	7,896	146	3	-	149	757	8,802
Utah	285	189	6	-	195	30	510	487	28	-	-	28	33	548
Vermont	148	-	-	-	-	2	150	212	2	-	-	2	-	214
Virginia	1,488	212	8	2	222	235	1,945	1,730	4	-	-	4	129	1,863
Washington	1,675	52	10	3	65	399	2,139	1,952	3	-	-	3	82	2,037
West Virginia	368	19	3	-	22	28	418	437	6	-	-	6	3	446
Wisconsin	1,540	228	9	-	237	220	1,997	1,445	41	1	-	42	13	1,500
Wyoming	125	8	3	-	11	18	154	474	1	-	-	1	7	482
U.S. Total	64,174	8,696	1,097	106	9,899	14,970	89,043	80,429	2,126	46	-	2,172	4,777	87,378
Puerto Rico	428	29	5	-	34	47	509	538	22	-	-	22	42	602
Grand Total	64,602	8,725	1,102	106	9,933	15,017	89,552	80,967	2,148	46	-	2,194	4,819	87,980

1/ Traffic lanes: reflects the prevailing number of lanes (excluding parking and turning lanes) carrying through traffic during the off-peak period. 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 possible interchanges there may be some crossings at grade with public roads, but direct private driveway connections have been minimized.

2/ Includes 3-lane roadways, one-way streets, undivided 4-lane highways, etc.; for Interstate it includes 2-lane roadways.