

# FUNCTIONAL SYSTEM LENGTH - 2000 1/

## MILES BY MEASURED PAVEMENT ROUGHNESS / PRESENT SERVICEABILITY RATING

TABLE HM-63  
SHEET 1 OF 3

OCTOBER 2002

STATE	RURAL MAJOR COLLECTOR												TOTAL
	INTERNATIONAL ROUGHNESS INDEX 2/						PRESENT SERVICEABILITY RATING 3/						
	<60	60-94	95-170	171-220	>220	TOTAL	>3.9	3.5-3.9	2.6-3.4	2.1-2.5	<=2.0	TOTAL	
Alabama	44	245	411	-	-	700	1,673	2,053	4,737	1,801	757	11,021	11,721
Alaska	42	60	532	131	81	846	-	-	-	-	-	-	846
Arizona	357	621	1,650	70	-	2,698	1,032	259	147	84	73	1,595	4,293
Arkansas	-	219	4,007	3,252	1,391	8,869	354	215	1,081	710	547	2,907	11,776
California	95	2,882	5,889	2,005	1,820	12,691	-	-	1	-	-	1	12,692
Colorado	-	1,589	1,005	348	199	3,141	477	476	765	246	222	2,186	5,327
Connecticut	-	26	791	210	127	1,154	59	-	-	-	-	59	1,213
Delaware	-	219	228	70	37	554	-	-	-	1	-	1	555
District of Columbia	-	-	-	-	-	-	-	-	-	-	-	-	-
Florida	103	474	143	-	-	720	978	1,063	1,356	241	-	3,638	4,358
Georgia	726	47	-	-	-	773	5,379	4,490	2,776	-	-	12,645	13,418
Hawaii	-	-	-	-	-	-	162	50	97	43	6	358	358
Idaho	141	486	506	44	234	1,411	7	73	615	1,283	407	2,385	3,796
Illinois	933	-	-	-	-	933	4,587	2,372	4,032	906	935	12,832	13,765
Indiana	881	2,246	2,976	1,202	507	7,812	415	313	1,223	529	432	2,912	10,724
Iowa	84	227	441	55	103	910	1,456	7,228	3,384	-	51	12,119	13,029
Kansas	144	1,658	544	-	15	2,361	938	1,410	276	3,175	2,374	8,173	10,534
Kentucky	-	1,864	5,117	7	5	6,993	-	-	-	-	-	-	6,993
Louisiana	121	1,908	3,854	625	457	6,965	-	-	-	-	3	3	6,968
Maine	-	415	2,524	224	87	3,250	-	-	-	-	-	-	3,250
Maryland	85	354	844	67	26	1,376	-	-	-	-	-	-	1,376
Massachusetts	-	16	240	152	4	412	122	52	813	289	108	1,384	1,796
Michigan	-	-	-	-	-	-	4,621	1,574	4,499	3,453	2,024	16,171	16,171
Minnesota	2,240	4,982	6,948	972	66	15,208	-	-	-	-	-	-	15,208
Mississippi	143	220	1,905	841	1,642	4,751	1,320	1,243	2,805	1,166	661	7,195	11,946
Missouri	-	2,768	9,693	4,416	621	17,498	-	-	416	-	-	416	17,914
Montana	-	-	37	-	-	37	1,739	856	1,134	429	665	4,823	4,860
Nebraska	415	627	1,498	261	326	3,127	1,242	498	1,266	265	249	3,520	6,647
Nevada	42	576	1,011	412	99	2,140	-	-	-	-	-	-	2,140
New Hampshire	27	275	667	127	91	1,187	-	-	-	-	-	-	1,187
New Jersey	-	22	35	-	-	57	326	45	918	170	49	1,508	1,565
New Mexico	182	263	1,409	1,162	775	3,791	-	-	-	14	-	14	3,805
New York	-	46	5	-	-	51	2,093	2,172	1,055	738	-	6,058	6,109
North Carolina	49	1,092	1,387	264	305	3,097	2,727	867	1,280	365	331	5,570	8,667
North Dakota	107	1,300	1,496	-	-	2,903	864	1,510	907	722	87	4,090	6,993
Ohio	715	5,302	2,762	105	57	8,941	104	337	1,288	1,118	100	2,947	11,888
Oklahoma	-	1,949	8,317	2,083	3,532	15,881	553	-	-	-	-	553	16,434
Oregon	-	265	979	170	76	1,490	1,482	2,158	2,748	484	-	6,872	8,362
Pennsylvania	117	1,297	4,223	1,109	1,323	8,069	-	-	-	-	-	-	8,069
Rhode Island	-	33	38	7	6	84	37	7	4	30	16	94	178
South Carolina	536	2,832	3,038	793	944	8,143	-	-	-	-	-	-	8,143
South Dakota	-	-	-	-	-	-	644	95	4,644	204	1,544	7,131	7,131
Tennessee	-	-	-	-	-	-	3,597	1,386	361	-	-	5,344	5,344
Texas	513	3,937	23,579	5,778	2,333	36,140	10	-	9	-	-	19	36,159
Utah	51	360	1,280	167	32	1,890	84	53	619	163	86	1,005	2,895
Vermont	-	335	945	370	300	1,950	64	-	-	-	-	64	2,014
Virginia	-	265	1,931	15	-	2,211	1,933	1,786	3,168	349	230	7,466	9,677
Washington	136	1,417	2,787	-	49	4,389	763	536	1,824	292	403	3,818	8,207
West Virginia	-	686	2,917	1,378	989	5,970	-	-	26	-	-	26	5,996
Wisconsin	264	2,442	7,886	1,143	1,870	13,605	-	-	-	-	-	-	13,605
Wyoming	151	1,335	629	-	-	2,115	-	6	231	34	-	271	2,386
<b>U.S. Total</b>	<b>9,444</b>	<b>50,182</b>	<b>119,104</b>	<b>30,035</b>	<b>20,529</b>	<b>229,294</b>	<b>41,842</b>	<b>35,183</b>	<b>50,505</b>	<b>19,304</b>	<b>12,360</b>	<b>159,194</b>	<b>388,488</b>
Puerto Rico	-	-	44	31	35	110	126	366	204	-	-	696	806
<b>GRAND TOTAL</b>	<b>9,444</b>	<b>50,182</b>	<b>119,148</b>	<b>30,066</b>	<b>20,564</b>	<b>229,404</b>	<b>41,968</b>	<b>35,549</b>	<b>50,709</b>	<b>19,304</b>	<b>12,360</b>	<b>159,890</b>	<b>389,294</b>

For footnotes, see Footnote Page.

# FUNCTIONAL SYSTEM LENGTH - 2000 1/

## MILES BY MEASURED PAVEMENT ROUGHNESS / PRESENT SERVICEABILITY RATING

TABLE HM-63  
SHEET 2 OF 3

OCTOBER 2002

STATE	URBAN MINOR ARTERIAL												TOTAL
	INTERNATIONAL ROUGHNESS INDEX 2/						PRESENT SERVICEABILITY RATING 3/						
	<60	60-94	95-170	171-220	>220	TOTAL	>3.9	3.5-3.9	2.6-3.4	2.1-2.5	<=2.0	TOTAL	
Alabama	127	219	297	15	-	658	217	286	736	73	9	1,321	1,979
Alaska	-	24	140	25	12	201	-	-	-	-	-	-	201
Arizona	16	19	72	19	6	132	665	224	233	31	7	1,160	1,292
Arkansas	-	33	234	50	42	359	65	149	149	351	5	719	1,078
California	48	244	3,743	3,450	2,783	10,268	3	46	35	18	8	110	10,378
Colorado	-	55	22	33	22	132	594	143	328	112	71	1,248	1,380
Connecticut	-	3	542	228	37	810	391	114	126	19	17	667	1,477
Delaware	-	18	92	29	21	160	1	-	-	-	-	1	161
District of Columbia	-	-	-	-	-	-	101	22	38	6	6	173	173
Florida	154	534	718	73	79	1,558	767	448	326	4	9	1,554	3,112
Georgia	2,254	254	79	-	14	2,601	189	134	52	-	-	375	2,976
Hawaii	-	-	1	-	3	4	37	5	41	13	15	111	115
Idaho	-	14	39	1	6	60	26	47	152	204	64	493	553
Illinois	223	-	18	17	41	299	1,005	729	1,183	542	118	3,577	3,876
Indiana	-	157	94	28	36	315	403	637	509	248	332	2,129	2,444
Iowa	4	19	39	13	10	85	36	622	595	26	1	1,280	1,365
Kansas	32	1	13	45	1	92	92	208	127	315	227	969	1,061
Kentucky	8	190	827	109	47	1,181	-	-	-	-	-	-	1,181
Louisiana	11	167	535	340	474	1,527	-	31	7	8	-	46	1,573
Maine	1	39	197	33	6	276	2	1	2	-	-	5	281
Maryland	-	31	254	80	69	434	-	-	-	-	-	-	434
Massachusetts	-	5	534	235	269	1,043	53	116	1,117	668	103	2,057	3,100
Michigan	22	70	254	125	46	517	1,064	393	786	195	327	2,765	3,282
Minnesota	102	659	971	230	122	2,084	-	-	-	-	-	-	2,084
Mississippi	-	10	144	37	22	213	177	132	92	38	32	471	684
Missouri	-	9	198	197	94	498	259	166	533	250	73	1,281	1,779
Montana	-	13	12	-	-	25	23	28	70	60	22	203	228
Nebraska	13	3	10	5	6	37	153	94	208	29	24	508	545
Nevada	41	127	232	71	53	524	-	-	-	-	-	-	524
New Hampshire	3	78	208	78	60	427	-	-	4	-	-	4	431
New Jersey	-	41	266	106	177	590	567	266	1,346	177	56	2,412	3,002
New Mexico	18	26	166	66	25	301	-	-	-	42	-	42	343
New York	-	24	50	36	35	145	1,527	1,621	1,236	427	38	4,849	4,994
North Carolina	2	193	335	83	71	684	789	248	380	164	70	1,651	2,335
North Dakota	-	5	11	-	-	16	61	3	117	40	10	231	247
Ohio	125	615	1,231	138	81	2,190	60	379	609	169	69	1,286	3,476
Oklahoma	-	43	648	500	522	1,713	164	-	-	-	-	164	1,877
Oregon	7	2	123	43	27	202	302	212	247	61	10	832	1,034
Pennsylvania	16	256	1,882	816	336	3,306	-	-	-	-	-	-	3,306
Rhode Island	-	20	110	14	22	166	67	27	83	6	5	188	354
South Carolina	47	117	516	189	120	989	-	-	-	-	-	-	989
South Dakota	-	-	-	-	-	-	42	5	165	8	52	272	272
Tennessee	8	32	3	-	-	43	954	549	458	97	25	2,083	2,126
Texas	7	339	1,891	450	182	2,869	229	710	1,587	944	559	4,029	6,898
Utah	6	69	182	54	13	324	43	33	103	-	3	182	506
Vermont	-	36	77	11	21	145	4	-	-	-	-	4	149
Virginia	-	30	562	137	118	847	427	224	315	48	87	1,101	1,948
Washington	8	153	126	2	11	300	275	273	912	275	104	1,839	2,139
West Virginia	4	53	225	82	51	415	-	1	1	-	-	2	417
Wisconsin	106	469	1,182	171	94	2,022	-	-	-	-	-	-	2,022
Wyoming	-	21	15	7	-	43	25	35	44	6	4	114	157
<b>U.S. Total</b>	<b>3,413</b>	<b>5,539</b>	<b>20,120</b>	<b>8,471</b>	<b>6,287</b>	<b>43,830</b>	<b>11,859</b>	<b>9,361</b>	<b>15,052</b>	<b>5,674</b>	<b>2,562</b>	<b>44,508</b>	<b>88,338</b>
Puerto Rico	-	-	27	44	44	115	81	146	144	21	5	397	512
<b>TOTAL</b>	<b>3,413</b>	<b>5,539</b>	<b>20,147</b>	<b>8,515</b>	<b>6,331</b>	<b>43,945</b>	<b>11,940</b>	<b>9,507</b>	<b>15,196</b>	<b>5,695</b>	<b>2,567</b>	<b>44,905</b>	<b>88,850</b>

For footnotes, see Footnote Page.

# FUNCTIONAL SYSTEM LENGTH - 2000 1/

## MILES BY MEASURED PAVEMENT ROUGHNESS / PRESENT SERVICEABILITY RATING

TABLE HM-63

SHEET 3 OF 3

OCTOBER 2002

STATE	URBAN COLLECTOR												TOTAL
	INTERNATIONAL ROUGHNESS INDEX 2/						PRESENT SERVICEABILITY RATING 3/						
	<60	60-94	95-170	171-220	>220	TOTAL	>3.9	3.5-3.9	2.6-3.4	2.1-2.5	<=2.0	TOTAL	
Alabama	-	1	34	-	-	35	435	436	1,023	194	30	2,118	2,153
Alaska	4	16	87	49	61	217	-	-	-	-	-	-	217
Arizona	-	-	5	-	-	5	792	390	332	86	78	1,678	1,683
Arkansas	-	-	5	2	16	23	97	112	181	416	40	846	869
California	39	109	2,262	2,956	4,305	9,671	9	39	193	39	13	293	9,964
Colorado	1	7	-	-	-	8	513	121	375	202	93	1,304	1,312
Connecticut	-	6	94	39	9	148	722	145	137	26	23	1,053	1,201
Delaware	-	17	80	62	58	217	-	-	-	1	-	1	218
District of Columbia	-	-	-	-	-	-	92	42	15	2	2	153	153
Florida	11	52	89	8	3	163	2,005	1,507	1,811	246	74	5,643	5,806
Georgia	1,893	16	-	-	3	1,912	183	12	17	-	-	212	2,124
Hawaii	-	-	1	2	4	7	52	46	135	66	34	333	340
Idaho	-	-	-	3	-	3	51	35	133	250	86	555	558
Illinois	152	-	2	-	-	154	980	752	1,264	375	314	3,685	3,839
Indiana	-	-	-	-	-	-	374	517	524	392	326	2,161	2,161
Iowa	2	1	-	2	-	5	41	365	482	6	8	902	907
Kansas	5	-	12	-	-	17	54	155	64	416	279	968	985
Kentucky	-	52	658	243	192	1,145	-	-	-	-	-	-	1,145
Louisiana	-	84	426	285	440	1,235	3	9	32	28	5	77	1,312
Maine	-	49	274	91	36	450	8	13	13	1	1	36	486
Maryland	-	17	48	30	8	103	-	-	-	-	-	-	103
Massachusetts	-	-	195	-	1	196	60	300	1,129	691	154	2,334	2,530
Michigan	-	-	7	3	29	39	834	183	780	197	420	2,414	2,453
Minnesota	13	223	634	215	419	1,504	-	-	-	-	-	-	1,504
Mississippi	-	5	10	1	32	48	284	196	266	96	106	948	996
Missouri	-	-	4	4	2	10	224	212	628	362	122	1,548	1,558
Montana	-	-	-	-	-	-	54	23	122	48	49	296	296
Nebraska	-	-	-	-	-	-	81	38	200	67	21	407	407
Nevada	11	53	228	309	143	744	-	-	-	-	-	-	744
New Hampshire	12	37	116	60	57	282	-	-	-	-	-	-	282
New Jersey	-	26	54	11	-	91	622	277	808	231	127	2,065	2,156
New Mexico	5	7	100	94	76	282	-	-	-	170	-	170	452
New York	-	-	-	-	-	-	1,380	1,313	956	318	37	4,004	4,004
North Carolina	-	46	89	48	30	213	549	216	444	114	133	1,456	1,669
North Dakota	-	1	6	1	-	8	37	3	115	28	16	199	207
Ohio	68	257	600	1	41	967	153	298	1,449	268	304	2,472	3,439
Oklahoma	-	6	117	158	575	856	113	-	-	-	-	113	969
Oregon	-	-	4	29	2	35	298	250	461	164	69	1,242	1,277
Pennsylvania	55	149	1,495	1,203	846	3,748	-	-	-	-	-	-	3,748
Rhode Island	-	-	8	-	-	8	98	121	193	59	51	522	530
South Carolina	62	61	602	337	395	1,457	-	-	-	-	-	-	1,457
South Dakota	-	-	-	-	-	-	37	-	130	-	26	193	193
Tennessee	-	-	8	-	-	8	648	409	480	107	10	1,654	1,662
Texas	-	98	611	338	296	1,343	416	1,137	3,563	1,737	72	7,580	8,923
Utah	-	3	17	12	14	46	84	105	304	5	-	498	544
Vermont	2	10	47	42	99	200	-	1	-	-	-	1	201
Virginia	-	30	66	5	15	116	374	308	795	113	118	1,708	1,824
Washington	-	-	34	2	-	36	289	281	823	459	149	2,001	2,037
West Virginia	3	5	133	86	215	442	1	-	2	1	1	5	447
Wisconsin	15	252	855	241	150	1,513	-	-	-	-	-	-	1,513
Wyoming	-	9	7	-	-	16	59	108	204	46	39	456	472
<b>U.S. Total</b>	<b>2,353</b>	<b>1,705</b>	<b>10,124</b>	<b>6,972</b>	<b>8,572</b>	<b>29,726</b>	<b>13,106</b>	<b>10,475</b>	<b>20,611</b>	<b>8,027</b>	<b>4,085</b>	<b>56,304</b>	<b>86,030</b>
Puerto Rico	-	-	9	8	7	24	144	173	221	19	16	573	597
<b>GRAND TOTAL</b>	<b>2,353</b>	<b>1,705</b>	<b>10,133</b>	<b>6,980</b>	<b>8,579</b>	<b>29,750</b>	<b>13,250</b>	<b>10,648</b>	<b>20,832</b>	<b>8,046</b>	<b>4,101</b>	<b>56,877</b>	<b>86,627</b>

For footnotes, see Footnote Page.