

**FUNCTIONAL SYSTEM LENGTH - 2006 1/
MILES BY MEASURED PAVEMENT ROUGHNESS / PRESENT SERVICEABILITY RATING**

OCTOBER 2007

TABLE HM-63
SHEET 1 OF 3

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	33	2,908	4,244	522	146	7,853	290	509	1,792	1,057	211	3,859	11,712
Alaska	65	108	462	117	53	805	-	-	-	-	-	-	805
Arizona	681	529	1,238	297	4	2,749	864	175	195	88	83	1,405	4,154
Arkansas	-	1,210	5,434	2,554	269	9,467	-	669	834	652	712	2,867	12,334
California	130	3,123	5,721	1,949	1,197	12,120	-	-	54	-	-	54	12,174
Colorado	-	1,253	1,024	235	16	2,528	360	725	689	236	84	2,094	4,622
Connecticut	-	43	586	151	93	873	69	-	9	-	-	78	951
Delaware	11	246	146	29	25	457	-	-	-	-	-	-	457
Dist. of Columbia	-	-	-	-	-	-	-	-	-	-	-	-	-
Florida	315	424	136	-	-	875	1,143	1,105	825	33	133	3,239	4,114
Georgia	1,712	52	-	-	-	1,764	3,785	3,047	2,461	956	355	10,604	12,368
Hawaii	-	6	167	79	54	306	-	-	-	-	-	-	306
Idaho	-	801	766	16	1	1,584	107	36	112	2,016	269	2,540	4,124
Illinois	40	-	-	-	-	40	3,827	1,902	4,318	2,205	1,167	13,419	13,459
Indiana 4/	1,014	2,910	2,671	876	281	7,752	421	281	1,098	583	622	3,005	10,757
Iowa	753	1,325	3,789	953	254	7,074	333	2,963	2,385	185	-	5,866	12,940
Kansas	518	2,131	1,802	-	-	4,451	249	1,995	141	2,864	2,804	8,053	12,504
Kentucky	23	1,460	4,577	49	60	6,169	-	-	-	-	-	-	6,169
Louisiana	138	1,530	2,035	736	233	4,672	-	-	-	-	-	-	4,672
Maine	43	736	1,338	621	486	3,224	-	-	-	-	-	-	3,224
Maryland	27	507	675	279	46	1,534	-	-	-	-	-	-	1,534
Massachusetts	891	33	120	93	1	1,138	-	-	-	-	-	-	1,138
Michigan	-	-	-	-	-	-	5,062	899	5,035	1,384	1,800	14,180	14,180
Minnesota 5/	2,179	5,054	7,158	297	782	15,470	-	-	-	-	-	-	15,470
Mississippi	52	984	8,799	1,388	322	11,545	-	-	-	-	-	-	11,545
Missouri	-	2,210	10,856	3,483	49	16,598	-	-	-	-	-	-	16,598
Montana	128	2,214	2,231	142	28	4,743	5	-	139	153	117	414	5,157
Nebraska	854	1,106	686	405	6	3,057	1,347	852	946	345	282	3,772	6,829
Nevada	388	450	1,003	75	17	1,933	-	-	-	-	-	-	1,933
New Hampshire	61	256	443	169	166	1,095	-	-	-	-	-	-	1,095
New Jersey	-	16	508	149	11	684	83	4	195	-	-	282	966
New Mexico	97	351	1,499	1,122	434	3,503	-	-	-	35	-	35	3,538
New York	342	1,617	2,901	256	474	5,590	-	20	62	-	-	82	5,672
North Carolina	-	2,146	2,949	107	398	5,600	1,136	407	606	157	28	2,334	7,934
North Dakota	85	965	1,545	244	-	2,839	1,079	1,234	1,182	714	87	4,296	7,135
Ohio	173	3,321	2,960	121	71	6,646	2,103	1,187	1,349	-	-	4,639	11,285
Oklahoma	654	2,681	6,575	2,545	3,434	15,889	930	-	-	-	-	930	16,819
Oregon	45	575	870	188	-	1,678	1,437	2,144	1,743	136	-	5,460	7,138
Pennsylvania	16	1,393	3,760	1,070	974	7,213	-	-	-	-	-	-	7,213
Rhode Island	-	3	67	18	4	92	7	14	9	20	4	54	146
South Carolina	164	2,532	6,570	484	733	10,483	-	-	-	-	-	-	10,483
South Dakota	334	613	2,164	404	390	3,905	2,392	744	1,608	197	14	4,955	8,860
Tennessee	525	2,306	1,928	40	174	4,973	70	-	32	-	-	102	5,075
Texas	750	6,513	25,118	3,168	229	35,778	-	13	1	-	-	14	35,792
Utah	-	209	1,288	262	44	1,803	-	-	861	16	69	946	2,749
Vermont	-	389	1,005	362	252	2,008	-	-	-	-	-	-	2,008
Virginia	-	161	1,545	6	-	1,712	2,162	1,946	2,924	472	158	7,662	9,374
Washington	172	935	2,407	646	49	4,209	1,266	1,196	845	242	306	3,855	8,064
West Virginia	120	888	2,927	1,156	584	5,675	-	-	-	-	-	-	5,675
Wisconsin	255	2,441	7,416	1,203	1,451	12,766	-	-	-	-	-	-	12,766
Wyoming	27	665	1,316	467	34	2,509	-	75	93	30	29	227	2,736
U.S. Total	13,815	64,329	145,425	29,533	14,329	267,431	30,527	24,142	32,543	14,776	9,334	111,322	378,753
Puerto Rico	-	-	38	41	78	157	20	30	29	8	2	89	246
Grand Total	13,815	64,329	145,463	29,574	14,407	267,588	30,547	24,172	32,572	14,784	9,336	111,411	378,999

For footnotes, see Footnotes Page.

FUNCTIONAL SYSTEM LENGTH - 2006 1/

MILES BY MEASURED PAVEMENT ROUGHNESS / PRESENT SERVICEABILITY RATING

TABLE HM-63
SHEET 2 OF 3

OCTOBER 2007

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	84	542	662	113	48	1,449	13	164	303	195	16	691	2,140
Alaska	-	38	134	26	8	206	-	-	-	-	-	-	206
Arizona	14	62	190	85	18	369	780	283	302	32	-	1,397	1,766
Arkansas	-	50	307	51	19	427	52	90	274	206	30	652	1,079
California	24	289	3,420	3,423	2,345	9,501	55	87	620	177	67	1,006	10,507
Colorado	-	8	110	24	15	157	438	310	534	143	35	1,460	1,617
Connecticut	-	33	681	145	54	913	558	116	75	-	-	749	1,662
Delaware	5	46	97	20	20	188	-	-	1	-	-	1	189
Dist. of Columbia	-	-	3	39	121	163	-	-	-	-	-	-	163
Florida	82	764	749	63	47	1,705	682	924	605	58	49	2,318	4,023
Georgia	2,578	589	254	5	-	3,426	282	207	297	2	12	800	4,226
Hawaii	-	3	34	32	44	113	-	-	3	-	-	3	116
Idaho	-	13	37	4	5	59	43	31	88	362	42	566	625
Illinois	375	18	-	22	5	420	1,228	813	1,471	291	90	3,893	4,313
Indiana 4/	1	174	102	43	59	379	352	700	547	300	133	2,032	2,411
Iowa	4	41	311	233	439	1,028	23	250	216	7	-	496	1,524
Kansas	9	137	543	288	316	1,293	-	-	-	-	-	-	1,293
Kentucky	11	154	754	75	21	1,015	-	-	-	-	-	-	1,015
Louisiana	23	361	745	369	373	1,871	-	-	11	-	-	11	1,882
Maine	7	47	112	39	26	231	-	-	-	-	-	-	231
Maryland	2	112	583	269	323	1,289	24	-	-	-	-	24	1,313
Massachusetts	2,457	54	849	296	102	3,758	-	-	-	-	-	-	3,758
Michigan	3	8	29	8	8	56	1,405	352	1,529	359	936	4,581	4,637
Minnesota 5/	53	377	1,104	424	281	2,239	-	-	-	-	-	-	2,239
Mississippi	-	74	510	170	103	857	-	-	-	-	-	-	857
Missouri	8	118	479	111	35	751	-	-	19	-	946	965	1,716
Montana	-	-	26	6	9	41	-	-	2	-	-	2	43
Nebraska	11	11	31	22	14	89	174	108	266	40	17	605	694
Nevada	82	165	234	78	56	615	-	-	-	-	-	-	615
New Hampshire	19	100	219	70	70	478	-	-	4	12	-	16	494
New Jersey	-	22	979	814	1,148	2,963	13	43	383	14	68	521	3,484
New Mexico	35	62	186	72	89	444	-	-	-	165	-	165	609
New York	151	740	2,258	816	735	4,700	98	556	325	-	-	979	5,679
North Carolina	9	460	1,010	251	159	1,889	554	149	314	150	81	1,248	3,137
North Dakota	-	5	10	4	-	19	67	20	110	40	9	246	265
Ohio	58	414	966	155	141	1,734	1,123	615	334	67	-	2,139	3,873
Oklahoma	35	187	876	325	598	2,021	29	-	-	-	-	29	2,050
Oregon	-	19	57	13	11	100	550	231	206	29	2	1,018	1,118
Pennsylvania	9	356	2,313	733	541	3,952	-	-	-	-	-	-	3,952
Rhode Island	-	5	108	45	33	191	36	32	76	11	10	165	356
South Carolina	23	193	887	184	181	1,468	-	-	-	-	-	-	1,468
South Dakota	-	3	46	7	18	74	54	11	130	13	40	248	322
Tennessee	55	306	437	135	95	1,028	645	177	507	79	8	1,416	2,444
Texas	33	531	1,589	327	118	2,598	393	736	1,899	841	463	4,332	6,930
Utah	36	127	241	29	4	437	25	-	181	4	8	218	655
Vermont	-	12	68	14	11	105	6	10	9	5	16	46	151
Virginia	-	112	519	132	103	866	229	335	634	71	12	1,281	2,147
Washington	3	91	154	15	21	284	803	317	704	267	96	2,187	2,471
West Virginia	10	171	285	86	40	592	-	-	-	-	-	-	592
Wisconsin	63	566	1,369	216	205	2,419	-	-	-	-	-	-	2,419
Wyoming	-	3	27	7	13	50	29	28	46	6	2	111	161
U.S. Total	6,372	8,773	27,694	10,933	9,248	63,020	10,763	7,695	13,025	3,946	3,188	38,617	101,637
Puerto Rico	1	1	149	233	251	635	100	138	116	22	-	376	1,011
Grand Total	6,373	8,774	27,843	11,166	9,499	63,655	10,863	7,833	13,141	3,968	3,188	38,993	102,648

For footnotes, see Footnotes Page.

FUNCTIONAL SYSTEM LENGTH - 2006 1/ MILES BY MEASURED PAVEMENT ROUGHNESS / PRESENT SERVICEABILITY RATING

TABLE HM-63
SHEET 3 OF 3

OCTOBER 2007

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	306	499	222	27	1,055	7	206	500	256	125	1,094	2,149
Alaska	-	18	142	52	105	317	8	-	-	-	-	8	325
Arizona	2	15	117	173	42	349	471	242	256	109	143	1,221	1,570
Arkansas	-	1	14	4	7	26	30	175	300	296	107	908	934
California	29	322	2,238	2,943	3,944	9,476	138	223	720	262	253	1,596	11,072
Colorado	-	6	15	3	-	24	432	193	734	262	114	1,735	1,759
Connecticut	-	16	178	136	15	345	1,141	153	195	6	9	1,504	1,849
Delaware	2	75	154	81	36	348	5	5	7	2	-	19	367
Dist. of Columbia	-	-	-	4	151	155	-	-	-	-	-	-	155
Florida	10	89	134	13	6	252	2,033	1,996	2,194	232	108	6,563	6,815
Georgia	1,574	13	13	-	-	1,600	359	102	474	43	55	1,033	2,633
Hawaii	-	6	99	93	190	388	2	-	1	5	-	8	396
Idaho	-	-	-	3	-	3	46	38	95	374	43	596	599
Illinois	165	1	-	-	-	166	1,329	678	1,536	416	266	4,225	4,391
Indiana 4/	-	-	1	-	-	1	465	485	585	351	306	2,192	2,193
Iowa	7	38	134	99	346	624	26	133	208	12	-	379	1,003
Kansas	-	-	247	267	735	1,249	-	-	-	-	-	-	1,249
Kentucky	-	22	797	112	31	962	-	-	-	-	-	-	962
Louisiana	10	274	875	359	661	2,179	-	2	-	11	4	17	2,196
Maine	5	84	206	137	108	540	-	-	-	-	-	-	540
Maryland	1	24	565	375	517	1,482	19	1	15	-	-	35	1,517
Massachusetts	2,690	-	222	-	-	2,912	-	-	-	-	-	-	2,912
Michigan	-	-	-	1	1	2	657	146	1,182	154	965	3,104	3,106
Minnesota 5/	-	106	540	286	796	1,728	-	-	-	-	-	-	1,728
Mississippi	4	20	976	206	205	1,411	-	-	-	-	-	-	1,411
Missouri	-	62	256	16	15	349	-	-	-	-	1,646	1,646	1,995
Montana	-	-	1	2	1	4	1	18	126	96	58	299	303
Nebraska	-	-	2	3	-	5	78	40	209	86	38	451	456
Nevada	-	109	250	107	92	558	-	-	-	-	-	-	558
New Hampshire	16	72	230	64	97	479	-	-	5	22	2	29	508
New Jersey	-	7	404	633	1,175	2,219	98	54	195	136	50	533	2,752
New Mexico	-	53	192	198	308	751	-	-	-	725	-	725	1,476
New York	12	181	2,128	762	1,249	4,332	70	828	161	20	4	1,083	5,415
North Carolina	2	259	592	138	137	1,128	530	292	502	161	205	1,690	2,818
North Dakota	-	-	4	2	-	6	53	29	124	31	20	257	263
Ohio	32	110	519	73	27	761	2,071	1,071	599	124	7	3,872	4,633
Oklahoma	-	29	261	206	487	983	40	-	-	-	-	40	1,023
Oregon	-	3	-	13	1	17	701	498	491	88	77	1,855	1,872
Pennsylvania	-	153	2,421	1,425	1,323	5,322	-	-	-	-	-	-	5,322
Rhode Island	-	-	11	6	11	28	98	160	189	92	49	588	616
South Carolina	-	136	1,083	626	578	2,423	-	-	-	-	-	-	2,423
South Dakota	-	-	7	9	24	40	72	14	94	8	17	205	245
Tennessee	-	8	33	19	40	100	838	319	798	120	12	2,087	2,187
Texas	3	355	1,850	498	176	2,882	621	1,185	2,598	1,246	700	6,350	9,232
Utah	-	24	62	6	-	92	6	4	586	1	75	672	764
Vermont	-	1	3	-	1	5	11	62	42	30	64	209	214
Virginia	-	19	69	13	23	124	484	503	879	147	96	2,109	2,233
Washington	-	21	12	-	7	40	659	399	628	371	145	2,202	2,242
West Virginia	1	11	367	155	260	794	-	-	-	-	-	-	794
Wisconsin	20	378	1,164	340	282	2,184	-	-	-	-	-	-	2,184
Wyoming	-	2	6	8	-	16	53	110	223	47	35	468	484
U.S. Total	4,586	3,429	20,093	10,891	14,237	53,236	13,652	10,364	17,451	6,342	5,798	53,607	106,843
Puerto Rico	-	-	28	97	123	248	210	311	382	67	15	985	1,233
Grand Total	4,586	3,429	20,121	10,988	14,360	53,484	13,862	10,675	17,833	6,409	5,813	54,592	108,076

For footnotes, see Footnotes Page.

FUNCTIONAL SYSTEM LENGTH - 2006

MILES BY MEASURED PAVEMENT ROUGHNESS / PRESENT SERVICEABILITY RATING

HM-63 Footnotes Page:

- 1/ Some States elect to report International Roughness Index (IRI) for these systems; some report IRI for some sections and PSR for some sections. Some differences from other tables may be noted because these are estimated from sample data.
- 2/ Data are reported as the IRI in inches per mile. Reference: World Bank Technical Paper Number 46, 1986. Lower IRI represents smoother riding roadways; to obtain a comprehensive assessment of pavement condition, additional measures of pavement distress are needed.
- 3/ The "Present Serviceability Rating" (PSR) is a subjective, primarily ride-based system adapted from the "AASHO ROAD TESTS" conducted in the late 1950's and early 1960's. Reference: Highway Special Report 61E, 1962. The PSR values range from 0.1 to 5.0; higher PSR values represent smoother riding roadways.
- 4/ Excludes 788 miles of Federal agency owned roads.
- 5/ Includes 274 miles of miscoded non-Interstate functional system length or rural/urban categorization or both.