

FUNCTIONAL SYSTEM LENGTH - 2001 1/

MILES BY MEASURED PAVEMENT ROUGHNESS / PRESENT SERVICEABILITY RATING

TABLE HM-63
SHEET 1 OF 3

OCTOBER 2002

STATE	RURAL MAJOR COLLECTOR												
	INTERNATIONAL ROUGHNESS INDEX 2/						PRESENT SERVICEABILITY RATING 3/						TOTAL
	<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	41	520	214	78	3	856	1,150	2,066	5,450	1,797	498	10,961	11,817
Alaska	-	43	346	343	114	846	-	-	-	-	-	-	846
Arizona	204	838	1,552	87	-	2,681	1,033	250	149	84	88	1,604	4,285
Arkansas	-	216	3,952	3,296	1,448	8,912	336	212	1,042	703	538	2,831	11,743
California	93	2,902	5,866	2,042	1,849	12,752	-	-	12	-	-	12	12,764
Colorado	-	1,179	1,620	358	-	3,157	457	494	772	266	217	2,206	5,363
Connecticut	-	46	718	147	253	1,164	51	-	-	-	-	51	1,215
Delaware	-	217	228	70	37	552	-	-	-	1	-	1	553
District of Columbia	-	-	-	-	-	-	-	-	-	-	-	-	-
Florida	269	563	189	-	-	1,021	780	1,143	1,148	251	-	3,322	4,343
Georgia	924	105	9	-	-	1,038	5,481	4,337	2,532	-	-	12,350	13,388
Hawaii	-	1	88	61	43	193	26	13	57	71	5	172	365
Idaho	174	475	504	139	138	1,430	7	5	565	1,451	439	2,467	3,897
Illinois	168	-	-	-	-	168	3,831	1,486	6,160	1,176	920	13,573	13,741
Indiana	1,168	3,080	2,893	626	102	7,869	482	315	1,169	499	404	2,869	10,738
Iowa	86	277	373	101	137	974	1,052	5,757	4,979	316	-	12,104	13,078
Kansas	131	931	1,144	4	14	2,224	801	1,475	329	3,498	2,692	8,795	11,019
Kentucky	-	1,351	5,330	280	5	6,966	-	-	-	-	-	-	6,966
Louisiana	271	1,966	3,926	633	248	7,044	-	-	-	-	3	3	7,047
Maine	-	584	2,525	142	6	3,257	-	-	-	-	-	-	3,257
Maryland	1	556	719	86	1	1,363	-	-	-	-	-	-	1,363
Massachusetts	-	18	264	151	3	436	122	50	806	291	95	1,364	1,800
Michigan	-	-	-	-	-	-	5,922	1,782	4,211	2,882	1,512	16,309	16,309
Minnesota	2,626	5,331	6,495	689	53	15,194	-	-	-	-	-	-	15,194
Mississippi	143	219	1,883	835	1,642	4,722	1,312	1,299	2,800	1,156	658	7,225	11,947
Missouri	-	4,569	5,603	7,268	465	17,905	-	-	9	-	-	9	17,914
Montana	61	2,142	1,887	153	73	4,316	166	55	121	30	187	559	4,875
Nebraska	471	959	1,236	286	180	3,132	1,270	491	1,238	258	248	3,505	6,637
Nevada	148	484	341	3	42	1,018	-	-	1,159	-	-	1,159	2,177
New Hampshire	3	307	781	98	3	1,192	-	-	-	-	-	-	1,192
New Jersey	-	21	40	-	-	61	294	44	936	166	45	1,485	1,546
New Mexico	136	768	2,153	469	278	3,804	-	-	-	-	-	-	3,804
New York	125	3,128	1,809	292	12	5,366	414	280	51	24	-	769	6,135
North Carolina	-	1,805	1,325	328	339	3,797	2,674	688	1,077	195	254	4,888	8,685
North Dakota	107	1,368	1,425	-	-	2,900	1,030	1,431	852	670	87	4,070	6,970
Ohio	1,313	4,744	2,669	187	9	8,922	174	342	1,289	1,131	31	2,967	11,889
Oklahoma	6	1,023	3,909	1,312	3,537	9,787	1,118	929	3,683	689	234	6,653	16,440
Oregon	-	281	1,042	180	61	1,564	1,545	2,175	2,575	443	-	6,738	8,302
Pennsylvania	84	1,348	4,486	1,187	966	8,071	-	-	-	-	-	-	8,071
Rhode Island	-	9	86	9	6	110	31	6	2	18	9	66	176
South Carolina	46	3,173	3,464	780	669	8,132	-	-	-	-	-	-	8,132
South Dakota	-	1,465	-	-	-	1,465	918	463	2,802	-	1,632	5,815	7,280
Tennessee	79	118	290	-	-	487	2,957	1,320	568	-	-	4,845	5,332
Texas	479	3,928	24,066	5,436	2,242	36,151	-	-	6	-	-	6	36,157
Utah	46	285	1,173	164	179	1,847	83	72	622	174	91	1,042	2,889
Vermont	-	526	904	313	268	2,011	-	-	-	-	-	-	2,011
Virginia	-	264	1,903	16	-	2,183	1,987	1,742	3,241	353	234	7,557	9,740
Washington	43	1,293	2,757	271	49	4,413	947	494	1,660	201	494	3,796	8,209
West Virginia	-	697	2,911	1,379	986	5,973	-	-	31	-	-	31	6,004
Wisconsin	512	2,482	8,243	650	1,709	13,596	-	-	-	-	-	-	13,596
Wyoming	216	1,309	620	-	-	2,145	-	51	142	34	-	227	2,372
U.S. Total	10,174	59,914	115,961	30,949	18,169	235,167	38,451	31,267	54,245	18,828	11,615	154,406	389,573
Puerto Rico	-	-	51	23	35	109	125	346	226	-	-	697	806
GRAND TOTAL	10,174	59,914	116,012	30,972	18,204	235,276	38,576	31,613	54,471	18,828	11,615	155,103	390,379

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												
	INTERNATIONAL ROUGHNESS INDEX 2/						PRESENT SERVICEABILITY RATING 3/						TOTAL
	<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
U.S. Total	3,413	5,539	20,120	8,471	6,287	43,830	11,859	9,361	15,052	5,674	2,562	44,508	88,338
Puerto Rico	-	-	27	44	44	115	81	146	144	21	5	397	512
TOTAL	3,413	5,539	20,147	8,515	6,331	43,945	11,940	9,507	15,196	5,695	2,567	44,905	88,850

For footnotes, see Footnote Page.

FUNCTIONAL SYSTEM LENGTH - 2001 1/

MILES BY MEASURED PAVEMENT ROUGHNESS / PRESENT SERVICEABILITY RATING

TABLE HM-63

SHEET 3 OF 3

OCTOBER 2002

STATE	URBAN COLLECTOR											
	INTERNATIONAL ROUGHNESS INDEX 2/						PRESENT SERVICEABILITY RATING 3/					TOTAL
	<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	
Alabama	-	2	33	-	-	35	273	465	1,040	261	58	2,132
Alaska	-	15	102	35	67	219	-	-	-	-	-	219
Arizona	1	2	5	-	-	8	809	381	324	82	73	1,677
Arkansas	-	-	5	2	11	18	91	106	179	437	31	862
California	36	99	2,675	2,967	4,453	10,230	15	26	82	20	7	150
Colorado	1	7	1	-	-	9	552	121	341	206	84	1,304
Connecticut	-	5	43	75	20	143	763	129	146	12	8	1,058
Delaware	-	20	83	55	58	216	1	3	-	-	-	4
District of Columbia	-	-	-	-	-	-	140	7	4	1	-	152
Florida	24	40	132	19	7	222	1,939	1,535	1,465	316	80	5,335
Georgia	1,909	29	-	-	3	1,941	188	19	10	-	-	217
Hawaii	-	-	4	7	4	15	49	38	140	61	31	339
Idaho	-	-	-	3	-	3	51	29	125	267	88	563
Illinois	113	-	2	-	-	115	1,020	503	1,377	530	406	3,951
Indiana	-	-	-	-	-	-	382	529	550	389	313	2,163
Iowa	2	-	1	2	-	5	43	383	487	7	-	925
Kansas	-	-	69	29	101	199	46	140	19	319	229	952
Kentucky	1	20	699	261	163	1,144	-	-	-	-	-	1,144
Louisiana	-	90	446	274	380	1,190	-	10	105	25	-	1,330
Maine	-	54	304	105	18	481	-	-	-	-	-	481
Maryland	-	2	62	30	1	95	4	-	-	-	8	107
Massachusetts	-	-	216	-	1	217	61	337	1,084	730	105	2,534
Michigan	-	-	2	4	29	35	796	181	800	180	433	2,425
Minnesota	-	188	524	302	549	1,563	-	-	-	-	-	1,563
Mississippi	-	12	10	7	32	61	271	186	275	100	102	934
Missouri	-	4	1	-	8	13	224	213	627	361	120	1,558
Montana	-	2	-	2	6	10	52	20	124	50	42	288
Nebraska	-	-	-	-	-	-	93	34	191	71	20	409
Nevada	17	32	192	134	82	457	10	-	275	-	6	748
New Hampshire	11	42	122	51	50	276	-	-	3	4	3	286
New Jersey	-	24	58	10	-	92	629	168	927	249	92	2,157
New Mexico	-	12	144	63	68	287	-	-	-	151	-	438
New York	-	79	229	9	51	368	1,323	1,089	871	311	37	3,999
North Carolina	-	71	102	50	25	248	554	204	418	110	137	1,671
North Dakota	-	1	5	1	-	7	41	3	112	30	15	208
Ohio	92	196	617	13	33	951	146	305	1,538	273	268	3,481
Oklahoma	9	45	319	134	445	952	10	-	-	-	-	962
Oregon	-	-	6	30	1	37	313	219	439	160	76	1,244
Pennsylvania	51	138	1,603	1,088	874	3,754	-	-	-	-	-	3,754
Rhode Island	-	3	3	-	-	6	113	120	177	64	49	529
South Carolina	-	59	645	344	411	1,459	-	-	-	-	-	1,459
South Dakota	-	-	-	-	-	-	37	-	138	-	24	199
Tennessee	-	-	6	-	-	6	740	357	465	93	6	1,667
Texas	-	139	655	208	233	1,235	476	1,154	3,345	1,887	701	8,798
Utah	-	1	11	32	-	44	104	89	297	7	-	541
Vermont	-	-	1	-	-	1	15	61	30	31	71	209
Virginia	-	12	64	2	20	98	386	311	886	64	95	1,840
Washington	-	25	8	2	-	35	513	289	693	373	133	2,036
West Virginia	3	5	132	83	216	439	1	-	2	1	1	444
Wisconsin	16	264	857	234	147	1,518	-	-	-	-	-	1,518
Wyoming	-	8	6	-	-	14	57	101	220	44	40	476
U.S. Total	2,286	1,747	11,204	6,667	8,567	30,471	13,331	9,865	20,331	8,277	3,992	55,796
Puerto Rico	-	-	13	8	3	24	156	164	220	21	11	596
GRAND TOTAL	2,286	1,747	11,217	6,675	8,570	30,495	13,487	10,029	20,551	8,298	4,003	56,368

For footnotes, see Footnote Page.