

FUNCTIONAL SYSTEM LENGTH - 2012

MILES BY MEASURED PAVEMENT ROUGHNESS / PRESENT SERVICEABILITY RATING

OCTOBER 1, 2013

TABLE HM-73

SHEET 1 OF 8

FEDERAL-AID URBANIZED AREA (3)	STATE	UN- REPORTED (4)	INTERNATIONAL ROUGHNESS INDEX (IRI) (1)													INTERNATIONAL ROUGHNESS INDEX (1) / PRESENT SERVICEABILITY RATING (PSR) (2)											
			INTERSTATE					OTHER FREEWAYS & EXPRESSWAYS					OTHER PRINCIPAL ARTERIAL			MINOR ARTERIAL (5)											
			< 95	95-119	120-169	170-220	> 220	TOTAL REPORTED	< 95	95-119	120-169	170-220	> 220	TOTAL REPORTED	< 95	95-119	120-169	170-220	> 220	TOTAL REPORTED							
			>=3.5	3.1-3.4	2.6-3.0	2.1-2.5	<=2.0																				
Aberdeen-Havre de Grace-Bel Air	MD	0	4	1	0	-	-	0	6	4	1	1	0	0	6	8	3	2	1	0	15	5	18	18	16	11	68
Ablene	TX	1	10	1	-	-	-	0	10	9	2	4	0	-	15	6	5	10	2	1	24	31	30	61	29	4	154
Akron	OH	0	4	2	3	4	0	13	5	0	0	-	-	6	3	3	6	4	3	20	157	36	92	102	142	529	
Albany	GA	0	-	-	-	-	-	0	6	1	-	-	-	7	14	4	1	0	-	18	39	36	71	14	-	160	
Albany	NY	0	40	6	1	3	1	50	6	3	1	1	4	15	9	9	12	4	4	39	21	74	76	45	23	240	
Albuquerque	NM	9	24	1	-	-	-	25	-	-	-	-	-	0	10	17	14	11	1	53	37	17	21	20	29	124	
Alexandria	LA	4	6	3	4	1	-	13	-	-	-	-	-	0	11	8	8	4	4	35	18	13	12	4	7	53	
Allentown-Bethlehem	NJ	1	4	0	1	0	0	5	-	-	0	-	0	0	0	1	1	1	2	6	1	8	18	6	5	39	
Allentown-Bethlehem	PA	17	20	22	13	-	-	55	20	7	6	1	-	35	31	42	57	21	9	160	10	31	65	23	25	154	
Altoona	PA	4	14	2	-	-	-	15	-	-	-	-	-	0	19	8	6	4	1	38	5	12	11	2	0	30	
Amarillo	TX	4	13	1	1	0	-	16	4	1	1	-	-	6	18	8	10	3	1	40	112	24	52	5	3	196	
Ames	IA	0	1	-	-	-	-	1	-	-	-	-	-	0	1	0	2	0	1	3	-	2	13	7	8	30	
Anchorage	AK	4	13	1	2	1	1	18	-	-	-	-	-	0	19	16	21	9	8	72	11	12	14	6	6	49	
Anderson	IN	7	14	2	2	1	1	19	-	-	-	-	-	0	32	13	14	5	3	67	14	4	35	9	6	69	
Anderson	SC	0	2	-	-	-	-	2	-	-	-	-	-	0	1	6	6	0	0	15	22	14	14	11	5	65	
Ann Arbor	MI	0	18	2	1	0	-	22	18	3	2	1	0	25	4	2	8	7	8	30	165	24	73	32	42	336	
Anniston	AL	3	6	1	1	-	-	9	-	-	-	-	-	0	18	2	2	0	0	23	34	16	14	26	27	117	
Antioch	CA	10	-	-	-	-	-	0	2	1	4	3	1	11	2	1	1	3	9	16	77	3	6	8	12	107	
Appleton	WI	6	-	-	-	-	-	0	12	0	22	5	0	40	13	13	24	1	12	70	33	19	23	21	41	137	
Asheville	NC	0	25	3	2	1	0	31	11	1	1	0	-	14	12	5	4	2	2	25	66	36	34	20	23	179	
Atascadero-El Paso de Robles (Paso Robles)	CA	7	-	-	-	-	-	0	12	0	0	0	-	12	7	2	0	0	0	9	25	13	26	13	9	86	
Athens-Clarke County	GA	5	-	-	-	-	-	0	10	2	2	-	-	14	10	4	1	0	0	16	84	64	34	9	-	191	
Atlanta	GA	14	71	4	-	-	-	74	29	7	-	-	-	36	61	2	1	-	1	65	781	647	958	673	98	3,156	
Atlantic City	NJ	0	-	-	-	-	-	0	15	2	1	1	-	20	4	3	6	4	5	25	61	27	91	40	39	258	
Auburn	AL	3	10	0	0	-	-	11	-	-	-	-	-	0	6	2	2	1	0	10	21	14	24	10	3	72	
Augusta-Richmond County	GA	0	16	3	-	-	-	19	4	1	1	-	-	5	36	6	1	2	-	45	52	37	90	3	53	235	
Augusta-Richmond County	SC	0	1	2	3	-	-	6	-	-	-	-	-	0	10	6	1	-	-	17	23	19	18	16	2	79	
Austin	TX	16	23	1	2	-	-	26	36	11	6	0	1	53	20	12	7	2	3	44	270	124	245	72	21	731	
Avondale	AZ	25	8	0	0	-	-	8	-	-	-	-	-	0	9	3	5	0	0	17	60	14	8	-	-	82	
Bakersfield	CA	14	-	-	-	-	-	0	13	16	5	2	1	36	12	19	23	4	1	58	59	62	56	17	12	206	
Baltimore	MD	6	25	3	2	1	1	32	19	3	3	2	0	27	9	3	3	3	6	25	69	80	162	93	156	560	
Bangor	ME	0	1	14	0	0	-	15	-	-	-	-	-	0	5	5	5	6	3	23	1	15	18	10	6	47	
Barnstable Town	MA	0	9	0	0	0	-	10	8	4	4	0	0	16	3	3	3	2	2	13	26	19	541	8	6	600	
Baton Rouge	LA	9	16	16	12	4	3	50	-	-	-	-	-	0	29	8	20	16	15	87	23	48	81	52	33	237	
Battle Creek	MI	0	11	3	1	0	0	16	0	-	0	-	-	0	5	4	6	3	1	19	46	7	50	16	14	134	
Bay City	MI	0	7	1	-	-	-	7	4	2	1	0	0	7	5	2	3	3	4	18	31	4	31	10	56	132	
Beaumont	TX	15	4	2	2	-	-	7	10	1	1	-	-	12	6	5	8	3	2	24	187	13	79	18	133	430	
Bellingham	WA	0	3	4	3	1	-	11	-	-	-	-	-	0	2	1	2	3	3	11	4	6	19	21	9	60	
Beloit	IL	0	1	-	-	-	-	1	-	-	-	-	-	0	3	2	1	-	-	6	7	6	-	3	6	21	
Beloit	WI	1	5	2	-	-	-	7	-	-	-	-	-	0	1	7	7	8	1	23	-	6	3	4	17	31	
Bend	OR	1	-	-	-	-	-	0	-	-	-	-	-	0	17	3	3	2	1	26	43	16	46	1	4	110	
Benton Harbor-St. Joseph	MI	0	11	2	2	1	0	17	-	-	-	-	-	0	4	2	4	3	1	15	64	-	17	9	9	100	
Billings	MT	0	4	1	0	-	-	5	-	-	-	-	-	0	2	2	2	2	3	12	19	8	6	7	11	52	
Binghamton	NY	0	13	1	2	1	1	19	19	4	1	0	-	24	6	0	0	0	0	7	42	51	45	4	8	150	
Binghamton	PA	0	3	1	0	-	-	4	-	-	-	-	-	0	-	-	-	-	-	0	1	-	0	-	0	1	
Birmingham	AL	3	33	8	8	3	2	54	0	1	0	-	-	1	14	4	4	3	1	26	83	18	282	51	61	495	
Bismarck	ND	0	9	1	-	-	-	10	-	-	-	-	-	0	4	7	5	2	1	19	18	7	30	40	4	99	
Blacksburg	VA	3	5	-	-	-	-	5	12	1	-	-	-	12	1	2	2	1	1	6	24	4	0	-	-	28	
Bloomington	IN	2	-	-	-	-	-	0	7	-	0	0	0	7	15	5	5	4	9	38	5	5	7	20	10	47	
Bloomington-Normal	IL	0	3	3	-	-	-	6	-	-	-	1	-	11	4	2	5	1	-	11	6	5	51	17	36	116	
Boise City	ID	4	12	7	3	1	0	23	-	-	-	-	-	0	22	13	11	4	5	55	221	12	56	31	4	325	
Bonita Springs-Naples	FL	0	-	-	-	-	-	0	-	-	-	-	-	0	8	0	0	-	-	8	44	3	15	4	0	67	
Boston	MA	1	235	16	13	8	7	279	49	11	9	3	2	74	7	16	37	22	19	100	65	101	3,549	142	83	3,941	
Boston	NH	0	9	-	-	-	-	9	2	-	-	-	-	2	6	2	2	1	0	12	10	21	17	10	6	63	
Boulder	CO	0	-	-	-	-	-	0	7	0	2	0	-	10	2	2	3	2	2	12	-	5	6	9	18	37	
Bowling Green	KY	2	7	0	-	0	-	7	9	0	0	-	-	9	12	1	0	0	0	14	18	3	4	1	1	26	
Bremerton	WA	0	-	-	-	-	-	0	18	3	1	0	0	22	1	2	2	2	3	10	30	6	77	6	31	150	
Bridgeport-Stamford	CT	0	9	3	2	1	0	15	12	4	3	0	0	19	1	2	9	9	10	31	12	29	155	122	104	422	
Bristol	TN	0	7	0	0	-	-	7	-	-	-	-	-	0	13	2	1	0	0	17	35	15	10	14	9	82	
Bristol	VA	2	12	-	-	-	-	12	-	-	-	-	-	0	-	1	3	1	0	6	9	15	6	0	5	35	
Brooksville	FL	0	-	-	-	-	-	0	-	-	-	-	-	0	14	2	1	0	0	18	41	4	6	4	2	56	
Brownsville	TX	7	-	-	-	-	-	0	3	0	1	-	-	4	12	5	6	1	0	25	43	24	36	17	41	162	
Brunswick	GA	0	5	-	-	-	-	5	-	-	-	-	-	0	9	2	1	-	0	12	6	16	25	28	8	84	
Buffalo	NY	2	23	6	3	1	0	33	18	14	11	8	1	52	5	8	6	2	3	24	303	70	114	38	24	550	
Burlington	NC	1	2	-	0	-	-	2	-	-	-	-	-	0	1	2	3	1	1	8	14	11	21	11	7	64	
Burlington	VT	0	25	1	1	0	-	26	7	0	0	-	-	7	13	11	14	5	5	48	66	1	79	0	2	149	
Camarillo	CA	0	-	-	-	-	-	0	5	2	0	-	-	7	-	-	5	1	0	6	1	1	36	24	5	38	
Canton	OH	0	5	3	2	-	-	10</																			

FUNCTIONAL SYSTEM LENGTH - 2012

MILES BY MEASURED PAVEMENT ROUGHNESS / PRESENT SERVICEABILITY RATING

TABLE HM-73

SHEET 2 OF 8

OCTOBER 1, 2013

FEDERAL-AID URBANIZED AREA (3)	STATE	UN- REPORTED (4)	INTERNATIONAL ROUGHNESS INDEX (IRI) (1)										INTERNATIONAL ROUGHNESS INDEX (1) / PRESENT SERVICEABILITY RATING (PSR) (2)													
			INTERSTATE					TOTAL REPORTED	OTHER FREEWAYS & EXPRESSWAYS					TOTAL REPORTED	OTHER PRINCIPAL ARTERIAL					TOTAL REPORTED	MINOR ARTERIAL (5)					TOTAL REPORTED
			< 95	95-119	120-169	170-220	> 220		< 95	95-119	120-169	170-220	> 220		< 95	95-119	120-169	170-220	> 220		<95 >=3.5	95-119 3.1-3.4	120-169 2.6-3.0	170-220 2.1-2.5	>220 <=2.0	
Cape Coral	FL	0	-	-	-	-	-	0	2	0	0	-	-	3	13	1	0	0	0	15	37	8	27	3	1	75
Cape Coral	MO	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0
Carson City	NV	0	1	0	0	-	-	1	-	-	-	-	-	0	5	2	-	-	-	5	13	2	5	-	-	21
Casper	WY	0	3	4	1	3	-	12	-	3	-	-	-	3	8	16	7	4	2	37	2	2	7	0	0	11
Cedar Rapids	IA	13	0	1	2	0	-	3	-	-	-	-	-	0	0	2	1	1	0	5	10	9	4	1	5	28
Champaign	IL	0	12	-	-	-	-	12	-	-	-	-	-	0	4	4	3	3	-	14	1	15	17	18	15	66
Charleston	WV	0	45	8	4	2	-	58	-	-	-	-	-	0	35	25	9	4	2	73	12	48	80	22	19	181
Charleston--North Charleston	SC	0	13	3	3	-	-	19	5	0	0	-	-	6	13	12	6	1	1	32	40	27	50	3	3	122
Charlotte	NC	3	17	4	4	1	0	25	7	1	2	1	0	11	6	5	3	2	20	50	38	86	32	16	222	
Charlotte	SC	0	8	-	-	-	-	8	-	-	-	-	-	0	-	7	6	1	-	14	3	8	10	5	-	26
Charlottesville	VA	0	6	2	-	-	-	8	4	2	0	-	-	6	6	8	4	5	2	24	24	16	12	0	0	51
Chattanooga	GA	15	5	0	-	-	-	6	-	-	-	-	-	0	5	1	0	0	-	7	38	18	26	7	-	88
Chattanooga	TN	2	11	1	0	0	-	12	15	2	1	1	0	19	16	6	5	2	2	31	193	26	108	79	22	428
Cheyenne	WY	0	15	12	4	1	-	32	-	-	-	-	-	0	8	10	15	3	1	37	6	1	3	-	0	11
Chicago	IL	0	61	1	33	-	-	95	12	2	-	0	-	15	12	16	26	21	4	79	117	280	1,054	421	391	2,263
Chicago	IN	29	14	3	3	1	0	21	1	2	4	1	3	10	25	11	18	13	11	78	2	7	91	79	91	270
Chicago	CA	1	-	-	-	-	-	0	1	2	4	0	-	7	2	3	6	3	3	17	23	1	22	5	17	67
Cincinnati	IN	5	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0
Cincinnati	KY	16	30	1	0	-	-	31	1	-	-	-	-	1	9	6	10	5	11	41	30	22	41	14	10	116
Cincinnati	OH	1	32	5	5	0	-	42	8	2	0	1	0	11	14	7	11	4	4	39	388	76	138	115	71	788
Clarksville	KY	0	-	-	-	-	-	0	-	-	-	-	-	0	4	0	0	-	-	4	1	2	0	0	-	3
Clarksville	TN	1	8	-	-	-	-	9	-	-	-	-	-	0	14	1	1	0	0	18	41	15	43	6	3	108
Cleveland	OH	0	35	8	6	1	-	50	9	6	2	3	-	20	1	2	10	8	8	30	324	109	187	83	338	1,040
Cleveland	TN	0	4	-	-	-	-	4	4	0	0	-	-	4	14	2	1	0	0	17	52	19	14	2	-	86
Coeur d'Alene	ID	6	13	1	1	0	0	16	-	-	-	-	-	0	10	2	1	1	1	15	97	20	45	11	9	181
College Station--Bryan	TX	0	-	-	-	-	-	0	4	-	0	-	-	4	13	5	13	4	1	35	57	26	39	11	26	159
Colorado Springs	CO	0	17	7	4	-	-	28	4	4	7	2	0	16	7	3	13	11	5	39	-	43	100	78	32	252
Columbia	MO	19	6	1	1	0	-	7	9	1	1	-	-	11	5	1	2	1	0	9	2	2	8	7	1	21
Columbia	SC	0	23	2	3	-	-	28	7	1	-	-	-	7	10	4	6	1	1	22	76	55	54	29	5	219
Columbus	AL	7	-	-	-	-	-	0	2	0	-	-	-	2	6	0	1	0	0	8	15	10	12	0	0	37
Columbus	GA	2	8	3	-	-	-	11	8	3	2	1	-	14	18	3	3	3	0	27	7	8	145	1	16	178
Columbus	IN	2	7	0	0	-	-	7	-	-	-	-	-	0	17	2	2	2	1	23	17	2	11	8	1	40
Columbus	OH	0	17	10	8	2	0	37	13	3	0	1	-	16	6	9	9	5	5	34	394	122	203	87	104	900
Concord	CA	7	9	4	6	1	0	21	1	2	3	3	0	9	-	4	5	9	8	21	72	101	86	18	35	232
Concord	NC	0	8	2	1	0	-	12	-	-	-	-	-	0	11	4	3	0	1	19	16	24	21	10	5	76
Conway	AR	3	6	0	0	-	-	6	-	-	-	-	-	0	3	2	2	0	0	6	-	-	20	-	-	49
Corpus Christi	TX	6	8	1	0	-	-	9	15	5	4	0	-	24	7	3	10	2	7	29	77	68	74	23	13	256
Corvallis	OR	1	-	-	-	-	-	0	-	-	-	-	-	0	14	4	3	1	1	23	42	13	25	3	1	83
Cumberland	MD	4	7	1	0	0	0	8	-	-	-	-	-	0	8	2	1	0	1	12	5	7	8	4	4	28
Cumberland	WV	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	1	1	2	1	-	5
Dallas--Fort Worth--Arlington	TX	41	41	20	22	4	0	87	26	21	28	3	1	78	7	10	25	14	10	66	1,278	716	1,193	598	291	4,076
Dalton	GA	3	6	-	-	-	-	6	-	-	-	-	-	0	11	1	1	-	-	13	69	44	20	1	-	133
Danbury	CT	0	5	1	1	0	0	7	4	1	0	-	-	5	0	1	4	2	1	8	-	15	39	35	25	114
Danville	IL	0	4	-	-	-	-	4	-	-	-	-	-	0	3	1	2	0	-	7	12	4	5	5	11	37
Danville	VA	3	-	-	-	-	-	0	10	1	-	-	-	10	6	21	5	1	0	33	39	5	5	-	-	49
Davenport	IL	0	5	3	5	-	-	13	3	-	-	-	-	3	8	5	4	2	0	20	19	11	38	25	28	120
Davenport	IA	9	2	0	0	1	-	3	-	-	-	-	-	0	2	3	1	1	1	9	3	-	6	8	3	19
Davis	CA	0	3	-	-	-	-	3	-	-	3	-	-	3	-	-	0	2	2	5	5	5	14	11	2	37
Dayton	OH	0	24	4	1	0	-	29	9	1	1	1	0	12	8	5	8	2	3	26	221	102	217	117	49	707
Daytona Beach--Port Orange	FL	6	10	-	0	-	-	10	-	-	-	-	-	0	21	3	2	0	0	26	149	2	74	17	8	249
Decatur	AL	6	7	-	-	-	-	0	-	-	-	-	-	0	5	1	1	0	0	7	3	8	14	3	1	29
Decatur	IL	0	7	-	-	-	-	7	0	-	1	1	-	2	3	6	7	3	-	19	23	1	37	11	13	85
DeKalb	IL	0	-	-	2	-	-	2	-	-	-	-	-	0	1	1	1	-	-	3	10	-	17	-	-	40
Deltona	FL	0	5	-	-	-	-	5	-	-	-	-	-	0	10	1	1	-	-	13	91	3	64	6	16	180
Denton--Lewisville	TX	2	12	9	4	-	-	24	-	-	-	0	-	0	6	9	14	5	1	36	154	79	84	37	29	384
Denver--Aurora	CO	0	18	3	12	2	-	35	25	8	7	1	0	41	4	6	25	13	9	58	26	22	261	207	104	622
Des Moines	IA	21	6	1	0	-	-	8	-	-	-	-	-	0	2	2	3	0	-	7	8	25	22	-	-	55
Detroit	MI	0	46	11	6	2	0	65	29	8	4	1	0	43	22	19	36	22	41	140	303	19	669	663	736	2,391
Dothan	AL	2	-	-	-	-	-	0	-	-	-	-	-	0	14	2	1	1	0	18	44	29	27	10	13	123
Dover	DE	0	-	-	-	-	-	0	7	3	1	-	-	11	4	1	0	0	0	5	21	9	9	4	5	48
Dover--Rochester	ME	0	-	-	-	-	-	0	-	-	-	-	-	0	1	-	-	-	-	1	2	6	-	-	0	8
Dover--Rochester	NH	0	-	-	-	-	-	0	15	-	-	-	-	15	7	1	0	0	1	9	30	-	20	12	5	67
Dubuque	IA	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	1	-	0	1	-	-	3	-	-	3
Dubuque	IA	10	-	-	-	-	-	0	-	-	-	-	-	0	0	0	4	1	1	7	4	-	-	-	-	4
Duluth	MN	1	2	1	2	2	1	8	-	-	-	-	-	0	19	5	5	3	4	36	20	8	27	25	55	135
Duluth	WI	0	-	-	0	-	-	0	1	-	-	1	-	1	-	1	7	6	1	15	7	5	1	8	1	21
Durham	NC	1	15	1	1	0	-	17	6	3	1	0	0	11	3	2	3	2	3	13	63	41	53	10	12	179
Eau Claire	WI	5	13	1	-	-	-	13	13	13	1	-	-	27	10	12	16	5	4	46	3	24	25	10	17	78

For footnotes, see Footnotes Page.

FUNCTIONAL SYSTEM LENGTH - 2012 MILES BY MEASURED PAVEMENT ROUGHNESS / PRESENT SERVICEABILITY RATING

OCTOBER 1, 2013

TABLE HM-73
SHEET 3 OF 8

FEDERAL-AID URBANIZED AREA (3)	STATE	UN- REPORTED (4)	INTERNATIONAL ROUGHNESS INDEX (IRI) (1)										INTERNATIONAL ROUGHNESS INDEX (1) / PRESENT SERVICEABILITY RATING (PSR) (2)														
			INTERSTATE					TOTAL REPORTED	OTHER FREEWAYS & EXPRESSWAYS					TOTAL REPORTED	OTHER PRINCIPAL ARTERIAL					TOTAL REPORTED	MINOR ARTERIAL (5)						
			< 95	95-119	120-169	170-220	> 220		< 95	95-119	120-169	170-220	> 220		< 95	95-119	120-169	170-220	> 220		<95 >=3.5	95-119 3.1-3.4	120-169 2.6-3.0	170-220 2.1-2.5	>220 <=2.0		
El Centro	CA	0	3	-	-	-	-	3	-	-	-	-	-	0	24	15	13	6	1	59	36	20	19	5	-	8	33
Elkhart	IN	17	-	-	-	-	-	0	2	5	2	1	0	9	22	15	11	11	5	63	4	7	67	11	9	98	
Elmira	NY	0	9	1	0	-	-	10	0	0	1	-	-	1	3	3	2	2	0	11	17	14	12	6	4	53	
El Paso	NM	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	0	-	0	3	0	4	4	-	11	
El Paso	TX	7	9	10	6	0	-	25	13	11	4	1	0	29	16	13	15	6	3	53	98	49	114	57	5	323	
Erie	PA	12	17	1	-	-	-	18	-	-	-	-	-	0	24	15	13	6	1	59	36	20	19	5	-	80	
Eugene	OR	2	12	0	1	0	0	13	6	7	3	0	0	16	16	7	9	4	2	38	188	23	26	15	18	270	
Evansville	IN	6	4	3	1	0	0	8	-	-	-	-	-	0	19	6	8	4	1	38	17	6	29	16	10	77	
Evansville	KY	9	-	-	-	-	-	0	4	0	0	-	0	4	2	1	3	2	2	9	1	2	4	3	1	12	
Fairbanks	AK	2	11	4	3	0	0	18	-	-	-	-	-	0	6	5	9	2	0	21	9	2	8	7	6	31	
Fairfield	CA	1	12	1	2	0	-	16	1	1	1	-	-	4	0	1	2	7	2	12	13	14	19	16	13	76	
Fargo	MN	0	3	-	0	-	-	3	-	-	-	-	-	0	10	2	2	1	1	15	5	3	4	7	14	33	
Fargo	ND	0	16	-	-	-	-	16	-	-	-	-	-	0	-	4	4	1	-	10	46	35	45	16	2	144	
Farmington	NM	0	-	-	-	-	-	0	-	-	-	-	-	0	3	3	5	1	0	11	5	5	1	10	7	29	
Fayetteville	NC	1	11	0	0	0	0	12	8	2	1	0	0	12	6	2	3	2	2	14	40	49	40	6	10	144	
Fayetteville-Springdale	AR	2	10	1	1	-	-	12	2	0	0	0	-	3	8	3	6	1	1	19	45	23	50	144	100	363	
Flagstaff	AZ	17	16	2	2	0	-	19	-	-	-	-	-	0	0	1	1	1	1	4	3	-	6	3	-	12	
Fleet	MI	0	20	5	6	4	1	38	8	2	1	0	-	11	3	2	8	3	4	21	114	1	101	83	176	476	
Florence	AL	2	-	-	-	-	-	0	-	-	-	-	-	0	12	2	1	-	-	16	11	12	23	11	9	65	
Florence	SC	0	9	-	-	-	-	9	0	0	2	-	-	2	5	0	2	0	0	9	24	9	27	2	1	82	
Fond du Lac	WI	0	-	-	-	-	-	0	6	2	0	-	-	9	5	8	6	3	6	27	18	4	11	10	3	46	
Fort Collins	CO	0	8	4	1	-	-	13	-	2	4	-	-	6	3	4	8	2	1	18	13	23	76	31	8	152	
Fort Smith	AR	4	7	1	2	2	1	13	0	0	-	0	0	1	2	2	3	2	2	11	28	13	21	55	40	155	
Fort Smith	OK	0	-	-	-	-	-	0	-	-	-	-	-	0	-	1	0	1	-	2	-	2	-	4	-	6	
Fort Walton Beach	FL	0	-	-	-	-	-	0	-	-	-	-	-	0	14	2	1	0	-	18	36	6	6	2	1	51	
Fort Wayne	IN	6	20	3	5	2	1	30	3	1	0	0	0	5	23	6	15	4	4	53	30	24	80	46	23	203	
Frederick	MD	1	4	1	1	0	-	6	9	1	0	0	-	10	2	1	3	2	1	9	5	5	13	11	8	42	
Fredericksburg	VA	0	20	-	0	-	-	20	-	-	-	-	-	0	19	13	11	3	0	46	12	53	8	8	-	81	
Fresno	CA	7	-	-	-	-	-	0	17	12	3	-	-	32	2	7	18	2	-	29	206	49	85	44	51	435	
Gadsden	AL	2	11	0	1	0	-	12	-	-	-	-	-	0	25	2	1	1	0	29	18	5	2	15	83	124	
Gainesville	FL	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	21	4	6	1	2	33	
Gainesville	GA	1	14	-	-	-	-	14	1	-	-	-	-	0	14	2	1	-	-	17	60	34	33	8	1	136	
Galveston	TX	6	2	1	1	0	0	5	-	-	-	-	-	0	7	0	1	3	1	12	4	17	25	10	2	58	
Gastonia	NC	1	8	1	0	-	-	9	2	0	-	0	-	2	2	3	4	2	1	11	20	21	39	16	13	109	
Gilroy-Morgan Hill	CA	2	-	-	-	-	-	0	3	4	6	3	0	17	-	5	2	2	-	9	35	21	7	2	7	66	
Glens Falls	NY	0	8	0	0	-	-	9	-	-	-	-	-	0	4	5	2	1	1	13	5	27	17	19	9	79	
Goldsboro	NC	0	5	-	0	-	-	5	6	0	0	0	0	7	11	2	2	0	0	15	21	15	17	16	8	77	
Grand Forks	MN	1	-	-	-	-	-	0	-	-	-	-	-	0	1	0	1	1	1	3	0	0	1	1	1	3	
Grand Forks	ND	0	3	-	-	-	-	3	-	-	-	-	-	0	1	2	2	1	3	8	35	11	2	15	-	64	
Grand Junction	CO	0	14	-	-	-	-	14	-	-	-	-	-	0	1	1	6	2	0	11	0	4	29	10	6	50	
Grand Rapids	MI	0	19	3	1	1	0	25	25	10	4	1	-	40	10	5	10	5	3	33	228	19	102	126	189	664	
Great Falls	MT	0	6	0	0	0	-	7	-	-	-	-	-	0	2	1	3	2	1	9	-	26	-	7	2	36	
Greeley	CO	0	-	-	-	-	-	0	5	6	3	1	-	15	1	3	4	3	1	13	4	24	29	14	6	78	
Green Bay	WI	3	11	-	-	-	-	11	21	6	10	4	-	42	10	9	15	11	13	57	11	13	19	31	59	133	
Greensboro	NC	5	16	5	3	-	0	24	13	5	4	1	0	23	5	4	3	1	0	13	74	27	39	16	2	158	
Greenville	NC	0	-	-	-	-	-	0	6	0	0	-	0	7	10	1	3	1	1	16	5	19	26	11	6	67	
Greenville	SC	0	19	1	2	-	-	22	4	1	0	-	-	5	7	2	8	2	0	19	34	32	104	20	11	202	
Gulfport-Biloxi	MS	0	21	2	3	-	-	26	-	-	-	-	-	0	41	13	13	6	4	77	17	12	19	40	13	102	
Hagerstown	MD	3	12	0	0	0	0	13	-	-	-	-	-	0	2	2	3	1	1	9	15	5	8	6	6	41	
Hagerstown	PA	0	3	-	-	-	-	3	-	-	-	-	-	0	2	0	-	0	-	2	-	-	-	-	-	0	
Hagerstown	WV	0	10	4	-	-	-	14	-	-	-	-	-	0	11	1	1	2	-	7	-	15	5	8	3	31	
Hartlingen	TX	5	-	-	-	-	-	0	3	1	1	-	-	5	7	5	6	2	2	22	92	35	54	10	32	223	
Harrisburg	PA	12	35	21	7	0	-	63	14	8	8	-	-	30	22	21	37	13	6	99	1	23	71	34	1	131	
Harrisonburg	VA	2	9	-	-	-	-	9	-	-	-	-	-	0	8	6	5	0	0	19	32	4	5	-	-	40	
Hartford	CT	0	15	3	3	0	0	21	11	5	4	1	1	22	4	7	10	7	5	32	12	31	120	135	139	438	
Hattiesburg	MS	0	10	-	0	-	-	10	-	-	-	-	-	0	23	5	3	2	-	33	10	21	7	20	7	65	
Hazleton	PA	1	4	3	1	-	-	8	-	-	-	-	-	0	4	2	6	1	4	18	9	3	11	4	-	27	
Hemet	CA	0	-	-	-	-	-	0	-	-	-	-	-	0	-	2	12	3	2	18	2	1	32	29	17	80	
Hickory	NC	2	20	0	0	0	-	20	4	1	1	0	0	6	11	3	4	1	1	21	90	53	39	8	9	199	
High Point	NC	0	10	1	3	1	0	15	9	0	1	-	-	10	11	6	7	1	1	26	28	36	67	18	8	156	
Hinesville	GA	1	-	-	-	-	-	0	-	-	-	-	-	0	8	2	-	-	-	9	2	13	10	11	3	38	
Holland	MI	0	9	1	1	0	0	12	-	0	1	2	0	3	9	6	7	4	2	27	39	10	20	16	32	116	
Honolulu	HI	3	10	4	8	5	5	32	8	5	6	4	4	27	11	9	15	10	16	61	6	8	16	12	26	67	
Hot Springs	AR	0	-	-	-	-	-	0	3	2	1	0	0	6	2	2	4	2	2	12	2	17	18	30	17	85	
Houma	LA	2	-	-	-	-	-	0	5	2	2	1	0	9	10	6	6	2	5	29	78	30	20	18	12	157	
Houston	TX	29	16	18	14	6	1	54	27	12	25	8	1	73	8	16	30	10	10	74	969	640	1,065	297	170	3,142	
Huntington	KY	2	-	-	-	-	-	0	-	-	-	-	-	0	23	4	3	1	1	32	8	3	5	2	1	19	
Huntington	OH	0	-	-	-	-	-	0	13	4	-	-	-	17	2	-	0	-	-	2	14	7	11	2	2	36	

For footnotes, see Footnotes Page.

FUNCTIONAL SYSTEM LENGTH - 2012

MILES BY MEASURED PAVEMENT ROUGHNESS / PRESENT SERVICEABILITY RATING

TABLE HM-73

SHEET 4 OF 8

OCTOBER 1, 2013

FEDERAL-AID URBANIZED AREA (3)	STATE	UN- REPORTED (4)	INTERNATIONAL ROUGHNESS INDEX (IRI) (1)										INTERNATIONAL ROUGHNESS INDEX (1) / PRESENT SERVICEABILITY RATING (PSR) (2)													
			INTERSTATE					OTHER FREEWAYS & EXPRESSWAYS					OTHER PRINCIPAL ARTERIAL					MINOR ARTERIAL (5)								
			< 95	95-119	120-169	170-220	> 220	TOTAL REPORTED	< 95	95-119	120-169	170-220	> 220	TOTAL REPORTED	< 95	95-119	120-169	170-220	> 220	TOTAL REPORTED	<=3.5	3.1-3.4	2.6-3.0	170-220 2.1-2.5	>220 <=2.0	TOTAL REPORTED
Huntington	WV	0	27	5	1	-	-	32	1	1	0	-	-	2	13	19	7	3	2	43	9	12	19	11	7	58
Huntsville	AL	14	7	0	1	-	-	7	8	2	2	0	0	12	7	1	1	0	0	8	48	26	65	20	4	163
Idaho Falls	ID	4	4	1	0	-	0	5	-	-	-	-	-	0	2	3	5	3	7	19	35	20	12	10	78	
Indianapolis	IN	27	47	10	7	1	-	65	4	5	3	1	-	13	65	30	97	64	33	289	159	127	206	56	55	603
Indio-Cathedral City-Palm Springs	CA	18	7	2	1	1	-	12	-	-	-	-	-	0	2	8	6	18	9	43	39	21	124	55	8	246
Iowa City	IA	5	3	1	0	0	-	4	-	-	-	-	-	0	1	1	0	0	2	4	0	7	-	1	8	
Ithaca	NY	0	-	-	-	-	-	0	3	0	1	0	-	5	1	0	1	0	1	4	22	10	12	6	6	56
Jackson	MI	0	7	1	0	-	-	9	4	6	4	1	0	15	3	2	4	2	3	15	2	21	54	23	39	139
Jackson	MS	0	44	21	15	1	-	81	-	-	-	-	-	0	87	50	72	73	72	355	3	4	63	110	57	236
Jackson	TN	3	6	0	0	-	-	6	-	-	-	-	-	0	7	3	3	1	0	14	33	11	32	28	0	105
Jacksonville	FL	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	7	1	3	-	-	11
Jacksonville	NC	0	-	-	-	-	-	0	6	0	0	0	-	7	8	3	1	1	1	14	2	6	7	7	5	28
Janesville	WI	3	3	-	3	1	-	7	-	-	1	0	-	2	6	6	18	6	1	37	-	12	28	10	5	55
Jefferson City	MO	13	-	-	-	-	-	0	12	3	5	1	0	21	1	1	2	0	1	4	6	6	23	8	17	59
Johnson City	TN	0	7	2	2	0	-	11	2	0	0	-	-	3	14	0	0	0	-	15	161	27	17	17	12	234
Johnstown	PA	3	-	-	-	-	-	0	9	1	0	-	-	11	7	11	6	5	3	32	4	6	16	16	6	47
Jonesboro	AR	1	-	-	-	-	-	0	3	0	1	1	0	6	6	5	2	1	1	14	22	22	28	24	5	101
Joplin	MO	14	8	1	0	0	-	9	6	0	1	-	-	7	15	2	2	1	1	21	19	3	7	1	-	24
Kailua (Honolulu County)-Kaneohe	HI	1	3	1	2	1	-	7	2	1	1	1	0	5	7	4	6	3	3	23	11	11	3	2	2	8
Kalamazoo	MI	0	12	2	1	-	-	15	10	3	3	0	0	18	6	6	8	5	4	29	100	31	44	21	107	302
Kankakee	IL	0	2	3	-	-	-	5	-	-	-	-	-	0	1	2	2	2	0	7	20	11	9	6	5	52
Kansas City	KS	1	21	5	3	-	-	29	15	7	3	-	-	25	9	3	10	2	-	24	32	29	140	50	39	291
Kansas City	MO	85	53	7	5	2	0	67	57	7	8	2	1	75	35	18	19	8	3	84	50	56	104	66	41	317
Kennewick-Richland	WA	0	10	3	1	-	0	13	15	3	2	0	0	21	3	7	8	2	1	20	30	52	28	3	9	121
Kenosha	WI	4	2	3	-	-	-	5	-	-	-	-	-	0	11	7	16	7	7	48	11	4	4	13	27	59
Killeen	TX	0	-	-	-	-	-	0	7	2	3	-	-	11	15	5	2	0	-	22	86	28	37	11	18	180
Kingsport	TN	0	11	0	0	-	-	11	4	1	0	0	-	5	18	3	2	1	0	23	82	50	57	36	0	225
Kingsport	VA	0	-	-	-	-	-	0	3	0	-	-	-	3	4	-	1	0	-	5	4	2	5	-	-	10
Kingston	NY	0	8	2	0	0	-	10	0	2	1	-	-	4	1	1	5	1	1	9	2	15	24	6	6	53
Kissimmee	FL	8	-	-	-	-	-	0	-	-	-	-	-	0	11	1	0	0	-	13	115	3	26	-	0	145
Knoxville	TN	1	24	1	1	0	0	27	0	1	0	0	-	1	26	4	3	2	2	37	267	128	157	12	4	567
Kokomo	IN	10	-	-	-	-	-	0	-	-	-	-	-	0	9	3	2	1	0	16	8	9	22	7	4	51
La Crosse	WI	1	0	0	0	0	0	1	0	-	-	-	-	0	3	1	0	0	0	4	0	0	0	-	-	1
La Crosse	WI	1	7	4	1	-	-	11	11	1	1	-	-	12	-	2	15	12	11	40	4	2	24	8	16	54
Lady Lake	FL	0	-	-	-	-	-	0	-	-	-	-	-	0	4	0	-	-	-	4	-	-	-	-	-	0
Lafayette	IN	14	7	1	1	0	0	9	-	-	-	-	-	0	11	5	7	8	9	40	23	2	18	17	7	67
Lafayette	LA	16	16	2	6	3	1	27	-	-	-	-	-	0	10	6	14	11	14	55	26	11	19	28	32	114
Lafayette-Louisville	CO	0	-	-	-	-	-	0	3	2	-	-	-	5	-	4	3	2	1	10	-	9	19	8	4	40
Lake Charles	LA	4	11	4	6	5	2	28	-	-	-	-	-	0	8	3	4	4	2	21	40	13	16	7	7	84
Lake Jackson-Angleton	TX	5	-	-	-	-	-	0	3	6	3	-	-	12	10	3	2	2	0	18	86	23	22	5	3	138
Lakeland	FL	0	0	-	-	-	-	0	-	-	-	-	-	0	4	1	0	0	-	5	64	1	87	0	1	154
Lancaster	PA	5	7	-	-	-	-	7	20	8	1	0	-	29	23	11	11	10	6	59	15	35	52	44	8	154
Lancaster-Palmdale	CA	10	-	-	-	-	-	0	9	1	2	1	-	13	13	11	12	3	0	39	31	36	104	61	37	270
Lansing	MI	0	16	5	2	1	0	25	11	1	0	0	0	13	9	4	5	3	3	24	139	73	74	62	28	375
Laredo	TX	13	12	0	-	0	0	13	-	-	-	-	-	0	4	3	2	2	0	12	6	23	33	25	3	90
Las Cruces	NM	1	12	0	1	-	-	13	-	-	-	-	-	0	4	2	2	1	1	10	19	3	10	14	1	46
Las Vegas	NV	7	14	1	1	0	-	16	3	-	-	-	0	3	9	2	2	0	0	13	26	65	83	30	4	209
Lawrence	KS	1	4	-	-	-	-	4	9	0	1	-	-	10	1	1	4	7	-	12	5	4	5	7	8	29
Lawton	OK	0	8	0	-	-	-	8	2	2	-	-	1	5	2	-	2	3	6	14	1	2	15	7	20	44
Lebanon	PA	13	-	-	-	-	-	0	-	-	-	-	-	0	10	6	4	-	1	21	-	-	3	-	1	4
Leesburg-Eustis	FL	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	12	-	-	5	-	16
Leominster-Fitchburg	MA	0	3	0	0	0	0	4	6	-	0	0	-	6	4	3	4	5	4	20	-	-	244	1	-	244
Lewiston	ID	0	-	-	-	-	-	0	-	-	-	-	-	0	3	1	1	1	0	6	41	12	8	6	5	73
Lewiston	WA	0	-	-	-	-	-	0	2	-	0	-	-	2	-	-	3	0	0	3	8	7	6	2	0	23
Lewiston	ME	0	12	-	-	-	-	12	-	-	1	-	-	1	4	22	6	4	2	37	5	6	14	3	4	32
Lexington-Fayette	KY	4	7	-	-	-	-	7	13	0	0	-	-	13	21	8	7	4	3	44	12	5	5	2	0	24
Lima	OH	0	3	1	0	-	-	4	-	-	-	-	-	0	2	2	4	2	1	12	87	1	7	1	6	103
Lincoln	NE	7	7	6	3	-	-	16	15	6	1	-	-	22	3	3	21	18	7	52	114	23	58	13	-	208
Little Rock	AR	6	13	6	4	1	0	25	3	0	1	2	1	7	3	5	10	3	1	22	47	78	179	211	166	681
Livermore	CA	6	-	4	3	0	0	7	-	-	-	-	-	0	-	0	-	1	-	1	157	2	31	39	21	250
Lodi	CA	1	-	-	-	-	-	0	3	1	3	-	-	7	2	1	2	-	0	5	3	1	18	11	4	38
Logan	UT	9	-	-	-	-	-	0	-	-	-	-	-	0	22	3	5	1	1	33	4	25	8	8	-	44
Lompoc	CA	2	-	-	-	-	-	0	-	-	-	-	-	0	4	3	4	4	-	16	-	2	9	1	6	18
Longmont	CO	0	-	-	-	-	-	0	1	4	-	0	-	6	-	1	4	5	3	12	6	3	18	12	5	44
Longview	TX	3	1	0	-	-	-	2	-	-	-	-	-	0	13	9	4	0	-	26	53	8	46	5	1	113
Longview	OR	0	-	-	-	-	-	0	-	-	-	-	-	0	1	1	2	0	0	4	4	1	-	-	0	6
Longview	WA	0	7	0	0	0	-	8	2	0	0	-	-	3	2	2	2	0	3	8	1	5	9	6	24	45
Lorain-Elyria	OH	0	13	2	-	1	-	16	9	1	0	-	-	11	2	2	3	2	2	16	122	32	57	12	35	259

For footnotes, see Footnotes Page.

FUNCTIONAL SYSTEM LENGTH - 2012

MILES BY MEASURED PAVEMENT ROUGHNESS / PRESENT SERVICEABILITY RATING

TABLE HM-73
SHEET 5 OF 8

OCTOBER 1, 2013

FEDERAL-AID URBANIZED AREA (3)	STATE	UN- REPORTED (4)	INTERNATIONAL ROUGHNESS INDEX (IRI) (1)															INTERNATIONAL ROUGHNESS INDEX (I) / PRESENT SERVICEABILITY RATING (PSR) (2)								
			INTERSTATE					TOTAL REPORTED	OTHER FREEWAYS & EXPRESSWAYS					TOTAL REPORTED	OTHER PRINCIPAL ARTERIAL					TOTAL REPORTED						
			< 95	95-119	120-169	170-220	> 220		< 95	95-119	120-169	170-220	> 220		< 95	95-119	120-169	170-220	> 220		MINOR ARTERIAL (5)					
			< 95	95-119	120-169	170-220	> 220	< 95	95-119	120-169	170-220	> 220	< 95	95-119	120-169	170-220	> 220	< 95	95-119	120-169	170-220	> 220	< 95	95-119	120-169	170-220
Los Angeles-Long Beach-Santa Ana	CA	179	58	43	47	36	20	203	51	52	59	30	8	200	8	40	313	497	390	1,248	175	175	901	1,335	1,302	3,889
Louisville	IN	14	20	4	1	0	26	1	0	1	1	0	3	4	2	7	5	1	19	29	3	16	30	8	85	
Louisville	KY	23	86	6	5	1	0	98	2	4	5	1	0	12	23	26	31	11	6	97	59	77	98	51	22	307
Lubbock	TX	9	2	3	2	-	-	8	12	7	8	1	0	27	12	6	6	1	1	27	117	63	60	7	6	254
Lynchburg	VA	6	-	-	-	-	-	0	24	7	2	-	0	33	15	16	6	2	2	40	39	28	26	8	1	102
McAllen	TX	25	-	-	-	-	-	0	13	1	0	0	-	15	23	10	6	2	-	41	216	108	84	65	40	513
McKinney	TX	0	-	-	-	-	-	0	5	3	-	-	-	7	0	6	6	3	0	15	40	6	51	12	1	109
Macon	GA	0	15	8	2	-	-	24	-	-	-	-	-	0	9	2	2	3	-	16	50	20	103	7	9	188
Madera	CA	0	-	-	-	-	-	0	2	0	-	-	-	2	-	-	-	-	-	0	12	1	6	-	-	19
Madison	WI	8	-	11	6	1	-	18	8	12	20	1	1	41	5	20	36	31	13	106	11	14	68	34	24	151
Manchester	NH	0	19	-	-	-	-	19	7	-	-	-	-	7	8	2	4	4	2	19	7	4	26	14	31	82
Mandeville-Covington	LA	4	8	0	0	0	0	9	-	-	-	-	-	0	6	2	2	1	0	11	23	6	5	4	3	42
Mansfield	OH	0	5	0	-	-	-	5	9	1	2	0	-	12	0	2	4	1	1	8	63	30	17	12	11	133
Manteca	CA	1	-	-	-	-	-	0	3	1	0	-	-	5	-	-	2	3	0	5	1	1	3	-	0	6
Mauldin-Simpsonville	SC	0	6	-	3	1	-	9	1	1	-	-	-	2	0	5	3	0	-	8	2	8	6	2	-	18
Medford	OR	1	21	0	0	0	-	22	-	-	-	-	-	0	23	6	8	4	1	42	87	44	66	6	26	228
Memphis	AR	0	2	0	0	-	-	2	-	-	-	-	-	0	1	1	1	0	-	4	3	2	24	3	24	57
Memphis	MS	0	6	-	-	-	-	6	10	3	-	-	-	13	26	8	9	4	-	47	3	17	25	2	1	47
Memphis	TN	2	18	2	1	0	0	21	9	2	4	1	0	17	8	3	7	5	3	26	234	115	242	93	159	843
Merced	CA	0	-	-	-	-	-	0	1	2	6	0	2	12	1	4	14	0	7	26	5	8	45	19	24	102
Miami	FL	0	8	0	0	0	-	9	11	1	0	-	-	12	10	4	3	3	3	23	66	82	210	88	68	514
Michigan City	IN	5	1	-	0	-	-	9	-	-	-	-	-	0	12	5	3	1	4	25	6	2	7	16	19	51
Michigan City	MI	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	2	2
Middletown	OH	0	3	-	-	-	-	3	-	-	-	-	-	0	1	2	4	2	1	10	15	12	8	9	34	78
Midland	TX	2	8	1	1	-	-	10	2	4	1	0	-	7	1	4	8	7	0	22	31	27	57	28	9	153
Milwaukee	WI	42	36	20	25	7	2	89	26	13	16	6	1	61	88	88	251	138	85	650	57	101	112	99	450	819
Minneapolis-St. Paul	MN	13	129	37	26	8	3	203	71	23	19	8	3	124	96	23	17	6	3	146	148	38	111	17	-	315
Minneapolis-St. Paul	WI	0	-	-	-	-	-	0	-	-	-	-	-	0	-	1	-	-	-	1	-	-	-	-	-	0
Mission Viejo	CA	25	1	2	3	2	10	6	4	1	-	-	-	10	-	6	13	15	6	40	32	-	172	25	28	257
Missoula	MT	0	5	0	0	0	-	6	-	-	-	-	-	0	2	1	3	1	1	8	6	11	7	5	6	35
Mobile	AL	15	24	2	2	1	0	29	-	-	-	-	-	0	34	6	5	2	2	50	95	46	50	39	14	244
Modesto	CA	3	-	-	-	-	-	0	5	2	5	3	0	16	4	4	16	6	3	33	33	33	71	24	20	180
Monessen	PA	1	14	1	1	-	-	16	4	1	9	-	-	14	4	3	8	5	1	22	14	11	25	12	0	62
Monroe	LA	8	12	0	0	1	0	14	-	-	-	-	-	0	5	4	5	4	5	22	20	20	29	14	11	94
Monroe	MI	0	4	3	4	3	1	0	14	-	-	-	-	0	7	2	3	1	0	13	22	1	8	15	43	90
Montgomery	AL	7	18	1	1	-	-	19	2	0	-	0	-	2	20	3	2	1	1	27	51	50	74	22	14	211
Morgantown	WV	3	11	-	1	-	-	12	-	-	-	-	-	0	1	3	10	4	4	22	1	-	12	9	11	34
Morristown	TN	1	1	-	-	-	-	1	-	-	-	-	-	0	9	1	0	0	-	10	44	29	19	10	0	102
Mount Vernon	WA	0	6	0	0	0	-	7	0	0	-	-	-	1	4	1	3	0	1	9	23	6	21	5	14	68
Muncie	IN	3	-	-	-	-	-	0	5	1	1	0	0	8	15	5	7	7	7	41	16	11	44	9	14	95
Muskegon	MI	0	5	0	-	0	-	5	15	1	0	0	-	16	8	7	7	5	4	32	81	11	77	32	58	258
Myrtle Beach	SC	0	-	-	-	-	-	0	4	1	0	-	-	5	16	6	7	1	1	32	16	7	29	25	10	88
Nampa	ID	11	4	3	5	2	1	15	-	-	-	-	-	0	7	11	17	8	9	54	123	8	20	8	6	165
Napa	CA	3	-	-	-	-	-	0	3	2	4	0	-	9	1	1	2	5	3	12	24	9	12	1	6	52
Nashua	NH	0	8	-	-	-	-	8	17	-	-	-	-	17	12	1	6	2	0	22	9	11	53	35	5	112
Nashville-Davidson	TN	3	28	1	0	-	-	30	18	3	2	0	0	23	28	3	3	1	2	37	502	118	165	78	20	883
Newark	OH	0	0	-	-	-	-	0	3	1	0	-	-	5	7	1	3	1	1	13	20	5	21	5	5	55
New Bedford	MA	0	14	0	0	0	0	15	8	0	0	0	0	9	1	1	1	1	1	5	0	1	191	2	0	194
New Haven	CT	0	19	2	2	1	-	23	15	2	1	0	0	18	2	4	7	3	4	20	9	7	68	116	111	311
New Orleans	LA	33	11	4	11	5	2	33	1	1	2	1	1	5	21	6	9	9	11	97	44	20	44	36	79	222
New York-Newark	CT	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0
New York-Newark	NJ	2	40	7	6	3	2	58	24	9	11	4	2	50	21	19	15	8	8	65	581	358	859	448	543	2,788
New York-Newark	NY	0	23	11	14	3	2	54	16	21	26	19	13	95	10	4	12	14	17	58	186	224	815	638	745	2,607
North Port-Punta Gorda	FL	0	-	-	-	-	-	0	-	-	-	-	-	0	7	0	1	-	-	8	19	7	43	2	1	72
Norwich-New London	CT	0	20	2	1	-	-	24	3	1	1	0	-	5	1	3	5	2	2	13	11	22	28	25	23	110
Ocala	FL	0	-	-	-	-	-	0	-	-	-	-	-	0	7	1	0	0	0	8	24	2	6	4	2	38
Odessa	TX	1	12	1	0	-	-	13	6	0	1	-	-	7	17	6	4	4	2	33	85	14	97	3	10	208
Ogden-Layton	UT	12	34	11	3	0	-	47	-	-	-	-	-	0	59	19	19	5	-	101	15	92	33	13	3	155
Oklahoma City	OK	7	27	3	6	3	1	39	14	4	1	-	0	20	10	9	10	7	4	41	10	56	142	102	150	460
Olympia-Lacey	WA	0	12	1	2	0	0	16	4	2	1	0	0	6	3	2	4	3	1	13	42	28	21	22	7	120
Omaha	IA	2	2	0	1	0	-	4	-	-	-	-	-	0	-	0	1	1	2	3	-	0	11	12	17	40
Omaha	NE	7	12	15	1	0	-	29	18	1	5	4	3	32	4	9	41	69	36	159	64	57	67	130	51	368
Orlando	FL	3	7	1	0	-	-	9	2	-	0	-	-	2	17	3	2	0	0	23	309	1	17	-	33	360
Oshkosh	WI	0	-	-	-	-	-	0	3	8	0	-	-	11	6	3	11	5	4	29	5	3	8	10	19	45
Owensboro	KY	3	-	-	-	-	-	0	3	3	3	1	1	10	6	3	3	3	1	16	13	6	5	2	1	27
Oxnard	CA	20	-	-	-	-	-	0	10	6	8	1	0	25	13	17	35	16	8	89	10	3	94	47	23	177
Palm Bay-Melbourne																										

FUNCTIONAL SYSTEM LENGTH - 2012

MILES BY MEASURED PAVEMENT ROUGHNESS / PRESENT SERVICEABILITY RATING

TABLE HM-73
SHEET 6 OF 8

OCTOBER 1, 2013

FEDERAL-AID URBANIZED AREA (3)	STATE	UN- REPORTED (4)	INTERNATIONAL ROUGHNESS INDEX (IRI) (1)										INTERNATIONAL ROUGHNESS INDEX (1) / PRESENT SERVICEABILITY RATING (PSR) (2)													
			INTERSTATE					TOTAL REPORTED	OTHER FREEWAYS & EXPRESSWAYS					TOTAL REPORTED	OTHER PRINCIPAL ARTERIAL					TOTAL REPORTED						
			< 95	95-119	120-169	170-220	> 220		< 95	95-119	120-169	170-220	> 220		< 95	95-119	120-169	170-220	> 220		<95 >=3.5	95-119 3.1-3.4	120-169 2.6-3.0	170-220 2.1-2.5	>220 <=2.0	
Parkersburg	OH	0	-	-	-	-	-	0	-	-	-	-	-	0	4	-	1	0	0	5	5	2	2	0	1	31
Parkersburg	WV	0	7	0	-	-	-	7	-	-	-	-	-	0	9	6	8	4	1	27	1	24	15	7	6	53
Pascagoula	MS	0	3	-	-	-	-	3	-	-	-	-	-	0	27	10	4	0	-	41	14	4	3	9	2	32
Pensacola	AL	0	-	-	-	-	-	0	-	-	-	-	-	0	1	-	0	0	-	1	-	-	0	2	-	2
Pensacola	FL	0	14	0	-	-	-	15	-	-	-	-	-	0	13	2	1	0	0	16	63	14	10	1	3	92
Peoria	IL	0	12	1	-	0	-	13	-	-	3	0	-	3	13	4	5	1	1	24	15	18	33	44	43	153
Petaluma	CA	0	-	-	-	-	-	0	1	3	0	-	-	4	-	-	0	0	-	1	1	4	2	-	-	8
Philadelphia	DE	0	11	5	1	1	0	17	4	2	0	0	0	5	7	3	5	2	2	19	21	19	22	24	26	111
Philadelphia	MD	0	1	-	-	0	0	1	2	0	0	-	-	2	4	1	1	1	8	1	3	7	3	0	14	
Philadelphia	NJ	0	13	3	2	1	0	19	17	4	3	0	0	25	10	7	9	6	5	37	120	73	310	151	121	774
Philadelphia	PA	129	71	56	17	3	-	147	52	31	29	6	2	120	32	60	289	204	200	786	-	75	340	165	201	782
Phoenix-Mesa	AZ	293	48	1	0	-	-	50	140	5	3	1	0	148	71	21	12	3	3	111	615	161	54	22	32	884
Pine Bluff	AR	2	2	1	2	2	0	7	-	-	-	-	-	0	2	2	2	2	3	12	-	27	28	29	19	102
Pittsburgh	PA	77	167	22	13	0	-	203	37	29	14	5	0	85	113	104	143	54	26	440	178	200	198	62	65	703
Pittsfield	MA	0	-	-	-	-	-	0	-	-	-	-	-	0	10	4	4	4	1	21	1	2	99	-	-	102
Pocahontas	ID	1	9	3	2	1	0	15	-	-	-	-	-	0	7	3	3	4	5	22	44	5	12	2	5	67
Porterville	CA	0	-	-	-	-	-	0	11	1	1	-	-	13	-	-	0	2	1	4	6	12	19	11	2	48
Port Huron	MI	0	6	1	2	3	0	12	1	0	1	0	-	2	12	5	5	2	0	23	87	-	35	11	8	141
Portland	ME	0	20	8	1	-	-	30	2	2	3	0	-	8	5	6	11	5	1	29	2	17	31	19	13	81
Portland	OR	11	44	10	5	1	0	59	17	5	3	1	0	26	50	45	62	32	30	217	899	194	62	35	15	1205
Portland	WA	0	7	5	2	0	-	14	14	5	4	1	0	23	5	2	9	10	4	30	9	7	66	39	39	159
Port St. Lucie	FL	0	-	-	-	-	-	0	-	-	-	-	-	0	6	2	1	0	0	9	10	4	10	3	2	29
Portsmouth	ME	0	2	-	-	-	-	2	0	1	1	-	-	2	1	-	1	1	0	2	6	2	3	0	0	12
Portsmouth	NH	0	8	-	-	-	-	8	4	-	2	-	0	6	4	6	0	0	1	11	3	4	7	12	7	34
Pottstown	PA	8	-	-	-	-	-	0	3	1	5	-	-	9	9	10	16	4	1	40	7	1	5	0	1	15
Poughkeepsie-Newburgh	NY	0	23	13	4	1	-	40	15	11	4	1	0	32	6	8	8	2	0	24	33	54	155	24	15	280
Prescott	AZ	8	-	-	-	-	-	0	2	-	-	-	-	2	17	1	2	2	-	23	13	-	0	5	1	19
Providence	MA	0	31	1	1	1	1	34	7	1	0	0	0	9	2	3	5	1	1	11	16	19	278	14	14	341
Providence	RI	0	27	3	1	0	-	31	28	14	8	-	-	50	2	5	19	16	8	50	202	123	179	157	117	777
Provo-Orem	UT	6	37	4	2	-	-	43	-	-	-	-	-	0	59	43	22	4	0	128	10	67	32	10	13	132
Pueblo	CO	0	12	1	1	-	-	14	9	4	4	-	0	17	3	1	6	3	5	19	-	2	44	24	33	103
Racine	WI	1	-	-	-	-	-	0	0	-	-	-	-	0	8	12	12	7	10	50	8	8	11	8	36	70
Radcliff-Elizabethtown	NY	9	2	0	0	0	-	3	0	-	-	-	-	0	5	3	3	1	7	19	22	9	3	3	46	
Raleigh	NC	5	21	5	4	1	0	30	12	3	1	0	0	17	16	5	5	1	1	28	166	88	50	25	12	341
Rapid City	SD	0	17	2	1	0	-	20	4	6	1	-	-	11	8	2	3	6	-	19	3	34	56	5	7	105
Reading	PA	5	4	1	-	1	-	5	3	4	11	3	1	22	15	21	26	11	4	77	-	24	27	14	1	67
Redding	CA	1	19	1	0	-	-	21	14	2	3	1	0	21	3	2	2	1	0	7	7	9	80	27	17	141
Reno	NV	6	2	1	1	-	0	3	3	1	1	-	-	4	7	1	1	1	2	13	-	-	9	9	12	29
Richmond	VA	13	73	34	19	1	0	127	20	22	14	2	1	59	18	67	89	23	19	217	199	55	134	137	79	604
Riverside-San Bernardino	CA	36	25	20	27	6	3	81	12	7	12	6	2	40	1	15	30	26	14	86	51	56	560	379	154	1,200
Roanoke	VA	8	25	-	0	-	-	25	-	3	-	-	-	3	9	28	27	7	2	72	33	6	48	5	1	94
Rochester	MN	3	-	-	-	-	-	0	4	3	2	1	1	10	4	6	6	4	2	22	-	-	-	-	-	0
Rochester	NY	4	27	3	1	-	-	32	22	4	1	1	0	27	6	7	6	0	0	20	123	93	62	71	20	368
Rockford	IL	0	3	-	12	-	-	14	9	-	-	-	-	9	5	5	10	4	1	23	15	18	80	28	51	192
Rock Hill	SC	0	7	-	-	-	-	7	-	-	1	1	-	2	4	1	3	1	-	10	2	4	5	22	10	43
Rocky Mount	NC	1	2	-	0	-	-	2	11	0	0	0	0	11	5	2	3	1	1	12	19	14	18	4	3	58
Rome	GA	0	-	-	-	-	-	0	2	-	-	-	-	2	13	0	2	-	-	15	65	65	15	8	-	153
Round Lake Beach-McHenry-Grayslake	WI	6	-	-	-	-	-	0	3	0	0	-	0	4	5	1	8	1	1	17	-	-	-	-	-	0
Sacramento	CA	41	23	4	7	8	1	43	24	9	4	2	0	38	-	4	28	14	20	67	164	49	190	128	54	585
Saginaw	MI	0	6	3	6	0	-	15	-	-	-	-	-	0	5	3	7	5	3	24	61	-	28	3	100	192
St. Augustine	FL	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	0	0	-	0
St. Charles	MD	1	-	-	-	-	-	0	2	-	-	-	-	0	9	2	2	0	0	13	6	9	7	2	1	25
St. Cloud	MN	3	1	2	1	0	0	3	-	-	-	-	-	0	21	7	5	3	1	36	-	-	-	-	-	0
St. George	UT	8	17	1	0	-	-	17	-	-	-	-	-	0	8	3	3	-	0	14	3	33	14	10	-	60
St. Joseph	KS	0	-	-	-	-	-	0	-	-	-	-	-	0	4	-	-	-	-	4	2	2	3	-	-	8
St. Joseph	MO	20	8	1	2	1	1	13	1	1	1	0	1	4	11	4	3	3	1	23	1	1	1	3	1	7
St. Louis	IL	0	17	-	5	-	-	23	3	1	2	-	-	5	24	11	4	2	0	42	58	49	126	50	22	305
St. Louis	MO	39	78	8	7	2	0	96	31	8	6	2	0	46	20	9	13	7	5	54	57	31	103	93	90	375
Salem	OR	1	11	2	1	0	-	14	7	3	1	0	0	11	19	17	26	14	14	90	114	21	20	5	12	172
Salinas	CA	7	-	-	-	-	-	0	2	3	2	0	0	8	9	5	4	2	6	25	16	8	47	2	2	75
Salisbury	DE	0	-	-	-	-	-	0	-	-	-	-	-	0	0	-	0	-	-	1	-	-	-	-	-	0
Salisbury	MD	0	-	-	-	-	-	0	6	1	0	0	0	7	9	1	1	1	0	12	10	9	12	5	6	41
Salt Lake City	UT	29	24	27	10	0	-	61	6	3	1	-	-	10	68	54	59	14	6	201	47	122	26	50	2	248
San Angelo	TX	1	-	-	-	-	-	0	7	2	1	0	1	11	7	1	1	-	-	8	8	14	31	45	10	109
San Antonio	TX	3	38	14	4	1	-	57	26	11	6	-	-	43	9	8	20	7	8	52	156	97	379	141	202	974
San Diego	CA	9	53	20	18	2	0	93	22	13	30	5	2	71	1	11	43	29	14	98	39	11	219	428	155	851
San Francisco-Oakland	CA	45	20	22	20	12	6	79	15	15	21	4	3	59	2	5	28	30	59	123	160	50	330	203	343	1,085
San Jose	CA	13	4	13	5	0	0	22	16	19	30	4	0													

FUNCTIONAL SYSTEM LENGTH - 2012

MILES BY MEASURED PAVEMENT ROUGHNESS / PRESENT SERVICEABILITY RATING

TABLE HM-73
SHEET 7 OF 8

OCTOBER 1, 2013

FEDERAL-AID URBANIZED AREA (3)	STATE	UN- REPORTED (4)	INTERNATIONAL ROUGHNESS INDEX (IRI) (1)													INTERNATIONAL ROUGHNESS INDEX (I) / PRESENT SERVICEABILITY RATING (PSR) (2)											
			INTERSTATE					TOTAL REPORTED	OTHER FREEWAYS & EXPRESSWAYS					TOTAL REPORTED	OTHER PRINCIPAL ARTERIAL					TOTAL REPORTED	MINOR ARTERIAL (5)						
			< 95	95-119	120-169	170-220	> 220		< 95	95-119	120-169	170-220	> 220		< 95	95-119	120-169	170-220	> 220		<95 >=3.5	95-119 3.1-3.4	120-169 2.6-3.0	170-220 2.1-2.5	>220 <=2.0	TOTAL REPORTED	
San Luis Obispo	CA	3	-	-	-	-	0	6	-	-	-	-	6	-	0	1	2	0	3	5	-	-	-	1	20	26	
Santa Barbara	CA	7	-	-	-	-	0	12	7	7	2	2	30	-	0	9	7	7	22	10	-	33	12	38	94		
Santa Clarita	CA	3	-	-	-	2	1	3	-	-	-	-	0	1	2	17	4	1	24	8	-	38	17	4	67		
Santa Cruz	CA	1	-	-	-	-	-	0	11	2	0	-	14	0	0	1	2	2	6	30	38	-	31	18	118		
Santa Fe	NM	6	7	-	-	-	-	7	-	-	-	-	0	7	1	3	1	0	13	5	21	13	3	3	45		
Santa Maria	CA	2	-	-	-	-	-	0	8	2	2	2	0	13	6	2	4	1	1	13	22	12	25	32	13	102	
Santa Rosa	CA	6	-	-	-	-	-	0	17	3	6	2	0	27	3	3	7	5	5	24	25	8	54	35	21	142	
Sarasota-Bradenton	FL	0	-	-	-	-	-	0	-	-	-	-	0	4	0	0	-	-	5	6	3	28	1	1	40		
Saratoga Springs	NY	0	11	-	0	-	-	11	-	1	1	0	0	2	1	-	0	0	1	3	10	5	7	3	3	29	
Savannah	GA	0	9	3	5	0	-	18	0	1	1	-	-	2	18	5	4	2	3	33	4	3	92	53	25	177	
Scranton	PA	20	28	6	11	7	1	52	10	7	11	2	0	30	14	18	41	17	18	107	8	18	45	59	54	184	
Seaside-Monterey-Marina	CA	6	-	-	-	-	-	0	2	2	2	1	-	7	3	3	5	7	3	22	16	9	12	10	0	47	
Seattle	WA	0	25	3	4	1	1	35	29	10	5	1	0	45	7	6	11	7	10	41	8	49	583	379	234	1,252	
Sheboygan	WI	0	9	0	-	-	-	9	2	0	0	-	-	3	3	2	8	3	2	18	0	3	5	13	24	46	
Sherman	TX	0	-	-	-	-	-	0	4	1	9	4	1	18	2	-	0	4	1	-	7	15	18	36	20	5	94
Shreveport	LA	32	19	9	18	10	1	57	0	1	3	5	1	9	10	8	16	10	6	49	44	24	45	32	25	169	
Simi Valley	CA	4	-	-	-	-	-	0	1	5	3	0	0	9	-	2	5	2	-	9	-	1	29	20	14	64	
Sioux City	IA	0	1	3	-	-	-	4	-	-	-	-	0	4	3	2	2	0	11	4	9	15	8	28	64		
Sioux City	NE	0	3	-	-	-	-	3	-	-	6	-	0	6	-	-	4	4	0	7	10	2	5	3	1	21	
Sioux City	SD	0	4	0	1	-	-	5	-	-	-	-	-	0	-	-	-	-	0	3	1	12	0	-	16	16	
Sioux Falls	SD	4	15	16	2	0	-	33	-	-	1	0	-	1	5	3	7	10	11	37	76	47	58	29	10	220	
Slidell	LA	2	22	2	3	2	1	30	-	-	-	-	-	0	2	1	2	2	1	8	19	8	5	3	2	37	
South Bend	IN	17	-	-	-	-	-	0	8	4	2	1	0	15	6	4	28	15	10	64	32	15	29	26	3	105	
South Bend	MI	0	-	-	-	-	-	0	-	0	1	1	-	1	1	1	6	3	1	12	13	4	16	11	23	67	
South Lyon-Howell-Brighton	MI	0	16	1	3	2	0	22	13	1	1	0	0	15	5	6	5	3	1	20	21	3	66	41	52	182	
Spartanburg	SC	0	16	2	-	-	-	18	9	-	-	-	-	9	9	0	3	1	1	14	24	30	25	3	3	85	
Spokane	WA	0	16	2	1	0	-	19	12	1	0	-	-	13	3	3	6	7	9	28	-	40	55	54	74	222	
Springfield	IL	0	10	-	-	-	-	10	-	-	-	-	-	0	9	3	4	1	-	17	5	3	53	22	28	110	
Springfield	CT	0	7	1	0	-	-	7	1	2	1	1	-	4	0	1	5	4	2	13	0	3	23	27	20	73	
Springfield	MA	0	59	4	5	2	2	72	5	1	1	0	0	7	8	4	5	2	2	21	9	7	610	31	18	675	
Springfield	MO	6	11	1	0	-	-	13	38	5	5	1	1	49	22	9	9	3	2	44	11	18	37	19	14	99	
Springfield	OH	0	6	-	-	-	-	6	3	0	0	0	-	3	2	1	2	0	0	5	33	28	30	3	16	110	
State College	PA	5	5	2	-	-	-	17	2	1	1	0	-	5	7	6	11	0	0	24	4	8	3	0	0	14	
Stockton	CA	3	10	4	2	1	0	17	5	3	6	0	1	15	11	5	6	12	13	39	21	12	32	10	10	85	
Sumter	SC	0	-	-	-	-	-	0	2	2	0	-	-	4	6	1	7	0	14	7	7	18	19	8	1	58	
Syracuse	NY	0	28	5	0	0	-	33	19	2	2	0	0	24	2	2	4	3	1	12	73	36	46	47	33	236	
Tallahassee	FL	0	9	-	-	-	-	9	-	-	-	-	-	0	15	2	1	0	0	18	41	7	7	2	3	59	
Tampa-St. Petersburg	FL	0	32	0	0	0	0	32	2	0	-	-	-	2	13	1	2	1	1	18	53	37	54	16	10	170	
Temecula-Murrieta	CA	5	13	12	6	0	-	31	-	-	-	-	-	0	0	3	18	3	-	23	9	2	106	41	35	193	
Tempe	TX	0	6	1	0	-	-	8	-	-	-	-	-	0	7	3	6	1	0	16	44	30	22	18	10	123	
Terre Haute	IN	1	2	1	1	0	0	5	-	-	-	-	-	0	19	3	8	5	9	44	2	7	39	20	18	85	
Texarkana	AR	4	3	0	0	-	-	3	5	0	-	-	-	5	2	1	1	1	2	6	2	2	22	39	16	81	
Texarkana	TX	0	7	0	-	-	-	7	1	1	-	-	-	2	5	4	7	2	1	18	49	24	36	10	6	124	
Texas City	TX	2	3	3	4	4	0	15	4	1	1	1	-	7	7	4	6	1	1	19	53	16	34	26	14	143	
The Woodlands	TX	3	2	3	1	-	-	6	-	-	-	-	-	0	-	0	1	1	2	4	54	19	32	2	1	109	
Thousand Oaks	CA	14	-	-	-	-	-	0	-	1	5	4	0	9	-	2	14	6	3	24	34	20	59	30	9	152	
Titusville	FL	0	4	-	-	-	-	4	-	-	-	-	-	0	-	-	-	-	-	0	1	0	0	0	-	2	
Toledo	MI	0	-	-	0	0	-	0	-	-	-	-	-	0	3	2	1	0	-	6	5	-	6	14	27	52	
Toledo	OH	0	20	6	4	0	-	30	2	0	0	-	-	3	5	6	3	3	4	22	192	39	68	74	63	436	
Topeka	KS	11	8	-	11	0	-	19	6	1	2	0	-	9	0	0	5	6	2	14	6	-	7	68	48	130	
Tracy	CA	0	1	0	-	-	-	1	-	-	-	-	-	0	1	1	3	-	0	5	-	-	3	-	5	8	
Trenton	NJ	2	12	2	1	0	-	15	5	1	2	1	0	9	3	2	4	3	2	15	20	53	53	16	54	196	
Tucson	AZ	24	33	3	1	0	-	37	0	1	3	2	2	8	39	32	59	38	45	214	27	69	100	36	33	265	
Tulsa	OK	3	7	12	2	1	-	22	26	15	4	2	-	47	1	1	7	3	7	19	-	20	167	110	176	473	
Turlock	CA	0	-	-	-	-	-	0	3	2	0	0	-	5	0	0	-	-	-	0	2	1	11	6	2	21	
Tuscaloosa	AL	3	7	1	0	0	-	9	-	-	-	-	-	0	19	4	5	1	0	30	4	10	30	19	23	87	
Twin River-Hightstown	NJ	0	1	0	1	-	-	2	-	0	0	0	-	1	4	1	1	0	0	7	19	3	15	14	15	66	
Tyler	TX	1	-	-	-	-	-	0	-	-	-	-	-	0	21	7	4	2	1	35	63	18	51	20	8	160	
Uniontown-Connellsville	PA	0	-	-	-	-	-	0	18	3	1	-	-	22	8	6	8	3	-	25	6	3	18	1	4	32	
Utica	NY	0	22	3	0	-	0	25	18	9	3	0	-	29	7	7	4	1	0	19	50	34	26	10	1	122	
Vacaville	CA	6	5	2	0	0	0	8	-	-	-	-	-	0	-	-	0	5	5	4	1	10	14	4	34		
Valdosta	GA	1	8	-	-	-	-	8	-	-	-	-	-	0	5	3	2	-	-	10	17	17	24	13	17	87	
Vallejo	CA	5	3	6	4	0	-	14	-	0	1	-	-	1	1	2	11	4	4	22	29	46	34	2	-	111	
Vero Beach-Sebastian	FL	0	1	0	-	-	-	2	-	-	-	-	-	0	5	1	1	0	0	6	4	3	3	-	1	11	
Victoria	TX	0	-	-	-	-	-	0	14	5	1	-	0	19	16	4	3	0	-	22	15	9	12	21	8	65	
Victorville-Hesperia-Apple Valley	CA	7	8	5	1	0	-	14	-	-	-	-	-	0	9	19	8	-	0	36	56	16	100	57	64	293	
Villas	NJ	0	-	-	-	-	-	0	3	1	1	-	-	5	0	1	1	2	2	5	7	11	35	5	2	60	
Vineyard	NJ	0	-	-	-	-	-	0	6	1	1	0	0	8	-	2	2	1	1	5	2	16	57	24	16	115	

For footnotes, see Footnotes Page.

FUNCTIONAL SYSTEM LENGTH - 2012

MILES BY MEASURED PAVEMENT ROUGHNESS / PRESENT SERVICEABILITY RATING

TABLE HM-73
SHEET 8 OF 8

OCTOBER 1, 2013

FEDERAL-AID URBANIZED AREA (3)	STATE	UN- REPORTED (4)	INTERNATIONAL ROUGHNESS INDEX (RI) (1)													INTERNATIONAL ROUGHNESS INDEX (1) / PRESENT SERVICEABILITY RATING (PSR) (2)											
			INTERSTATE					OTHER FREEWAYS & EXPRESSWAYS					OTHER PRINCIPAL ARTERIAL					MINOR ARTERIAL (5)									
			< 95	95-119	120-169	170-220	> 220	TOTAL REPORTED	< 95	95-119	120-169	170-220	> 220	TOTAL REPORTED	< 95	95-119	120-169	170-220	> 220	TOTAL REPORTED	<=3.5	95-119 3.1-3.4	120-169 2.6-3.0	170-220 2.1-2.5	>220 <=2.0	TOTAL REPORTED	
Virginia Beach	VA	45	31	32	28	6	0	98	39	10	3	0	0	52	85	55	95	65	23	323	346	121	248	48	7	771	
Visalia	CA	2	-	-	-	-	-	0	6	3	5	0	-	13	4	5	10	1	0	20	17	10	40	17	10	95	
Waco	TX	1	10	3	1	1	-	14	9	3	1	2	0	16	10	6	5	2	1	25	45	43	88	65	24	265	
Warner Robins	GA	0	2	-	-	-	-	2	-	-	-	-	-	0	10	4	2	0	-	17	49	3	29	3	19	104	
Washington	DC	0	-	1	6	-	3	11	-	-	1	5	6	12	-	-	2	2	31	35	1	-	1	8	156		
Washington	MD	2	16	2	1	1	1	21	9	3	2	1	0	15	14	8	10	5	4	40	34	68	124	82	56	364	
Washington	VA	17	47	23	14	0	0	84	18	3	1	0	-	23	78	69	90	48	17	302	185	147	271	55	8	667	
Waterbury	CT	0	2	1	1	0	1	5	4	0	1	0	0	5	-	1	2	2	2	8	5	9	17	28	31	90	
Waterloo	IA	0	-	-	0	1	-	1	-	-	-	-	-	0	1	4	2	1	1	9	9	21	32	34	18	115	
Watsonville	CA	2	-	-	-	-	-	0	2	0	0	-	-	3	0	1	1	1	2	6	13	5	10	0	7	35	
Wausau	WI	0	8	1	-	-	-	9	11	8	3	0	0	23	1	3	8	18	2	32	3	13	16	11	20	62	
Weirton	OH	0	-	-	-	-	-	0	8	2	1	0	0	11	0	5	1	2	1	9	15	6	2	9	20	52	
Weirton	PA	0	-	-	-	-	-	0	2	-	-	-	-	2	-	-	-	-	-	0	-	-	-	-	-	0	
Weirton	WV	0	-	-	-	-	-	0	0	-	5	0	0	5	5	4	4	1	0	15	0	6	11	5	5	28	
Wenatchee	WA	0	-	-	-	-	-	0	7	1	1	0	0	9	3	2	3	3	1	12	11	4	28	10	7	59	
West Bend	WI	0	-	-	-	-	-	0	5	3	3	0	-	12	4	4	4	14	5	4	31	1	-	8	6	25	40
Westminster	MD	1	-	-	-	-	-	0	-	-	-	-	-	0	11	3	3	1	1	18	2	6	3	3	3	18	
Wheeling	OH	0	2	3	-	-	-	4	3	1	3	0	1	8	2	3	0	0	-	5	3	2	23	12	22	62	
Wheeling	WV	0	5	4	1	1	0	12	-	-	-	1	2	3	9	5	8	5	3	29	0	10	6	4	6	26	
Wichita	KS	10	14	7	6	0	-	28	20	6	6	2	-	34	5	3	17	15	2	43	43	26	124	86	31	291	
Wichita Falls	TX	2	4	1	1	1	-	7	6	4	4	0	-	14	8	11	9	3	3	35	9	12	45	36	42	144	
Williamsport	PA	6	15	0	-	-	-	15	4	1	1	-	-	5	29	5	2	1	1	38	21	14	2	4	-	41	
Wilmington	NC	0	10	1	0	0	0	11	7	3	2	0	0	13	7	7	7	4	2	27	15	23	27	14	5	84	
Winchester	VA	5	11	-	-	-	-	11	9	-	-	-	-	9	8	4	2	2	1	16	23	-	0	-	1	24	
Winston-Salem	NC	1	17	7	3	1	-	28	14	4	4	1	0	23	1	2	3	1	2	9	28	33	35	11	13	120	
Winter Haven	FL	0	-	-	-	-	-	0	-	-	-	-	-	0	10	2	1	0	0	13	41	2	126	0	1	169	
Worcester	CT	0	1	1	0	-	-	2	-	-	-	-	-	0	-	0	1	1	1	3	2	2	5	3	2	15	
Worcester	MA	0	64	6	5	4	2	82	9	0	0	0	0	9	1	2	5	3	4	14	23	25	462	68	72	651	
Yakima	WA	0	13	1	0	-	-	14	9	1	0	0	0	10	0	3	2	4	2	10	-	13	32	20	27	91	
York	PA	11	14	1	1	-	-	16	5	4	1	-	-	10	11	10	11	5	2	39	7	20	32	19	9	87	
Youngstown	OH	0	19	5	0	0	-	24	14	0	1	0	0	15	11	9	8	2	1	29	75	32	82	35	113	337	
Youngstown	PA	2	5	1	-	-	-	6	3	1	1	-	0	5	7	3	3	1	0	15	17	2	7	5	-	32	
Yuba City	CA	1	-	-	-	-	-	0	15	2	3	-	-	20	2	0	1	2	0	4	2	8	30	36	9	85	
Yuma	AZ	30	7	-	0	0	-	7	3	-	-	0	-	3	0	-	-	-	-	0	10	3	9	3	-	26	
Yuma	CA	0	-	1	0	-	-	2	-	-	-	-	-	0	-	-	-	-	-	0	-	-	0	-	-	0	
Zephyrhills	FL	0	-	-	-	-	-	0	-	-	-	-	-	0	8	1	0	0	-	9	-	-	0	-	-	0	
TOTAL	-	2,697	5,369	1,267	945	284	99	7,964	2,979	1,051	947	266	101	5,344	4,733	2,949	4,737	2,964	2,236	17,619	25,150	13,748	35,529	17,563	15,779	107,770	

For footnotes, see Footnotes Page.

FUNCTIONAL SYSTEM LENGTH - 2012

MILES BY MEASURED PAVEMENT ROUGHNESS / PRESENT SERVICEABILITY RATING

HM-73 Footnotes Page:

- (1) Data are reported as the International Roughness Index (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. Excludes structures and unpaved roadways.
- (2) 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. Excludes structures and unpaved roadways.
- (3) A "Federal-Aid Urbanized Area" is an area with 50,000 or more persons that at a minimum encompasses the land area delineated as the urbanized area by the Bureau of the Census. Urbanized areas or data may be missing or unreported in some States. Puerto Rico did not report 2012 data.
- (4) Column represents unreported IRI/PSR data for all displayed functional systems.
- (5) Estimated from sample data.