

FUNCTIONAL SYSTEM LENGTH - 2015

MILES BY MEASURED PAVEMENT ROUGHNESS / PRESENT SERVICEABILITY RATING

DECEMBER 2016

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	<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	
Aberdeen--Bel Air South--Bel Air North	MD	3	10	1	1	0	0	12	4	1	1	0	0	7	12	3	2	1	0	17	13	43	22	14	9	71	
Abilene	TX	7	8	0	0	0	0	8	11	1	1	0	0	13	2	3	5	3	3	17	61	40	23	25	23	172	
Akron	OH	0	11	2	3	0	0	15	7	2	3	1	0	12	7	2	6	3	3	21	60	50	65	43	59	277	
Albany	GA	0	0	0	0	0	0	0	6	1	1	1	0	9	45	7	3	1	1	57	11	7	4	1	0	23	
Albany	OR	0	4	3	1	0	0	8	0	0	0	0	0	0	8	5	3	1	1	16	41	22	24	8	1	97	
Albany--Schenectady	NY	0	34	4	3	3	1	44	8	1	1	1	4	15	14	10	10	3	3	40	61	55	66	35	38	256	
Albuquerque	NM	4	19	1	1	0	0	21	0	0	0	0	0	0	23	6	11	5	3	49	44	25	46	38	33	187	
Alexandria	LA	1	5	3	2	0	0	11	4	1	1	1	2	10	16	7	7	2	3	36	9	10	19	7	8	54	
Allentown	NJ	0	4	1	0	0	0	5	0	0	0	0	0	0	1	1	3	2	2	7	6	4	20	7	4	41	
Allentown	PA	0	23	13	7	3	1	47	6	2	3	1	0	11	6	5	6	3	4	23	25	35	63	29	36	187	
Altoona	PA	0	12	1	1	0	0	14	0	0	0	0	0	0	4	3	3	0	0	11	12	6	7	4	4	34	
Amarillo	TX	2	18	3	1	0	0	22	5	0	0	0	0	5	12	7	6	2	1	28	152	35	46	8	8	250	
Ames	IA	3	1	1	0	0	0	2	0	0	0	0	0	0	8	2	3	2	2	17	2	1	9	4	9	26	
Anchorage	AK	1	17	1	2	1	1	21	0	0	0	0	0	0	19	13	20	13	10	75	10	10	15	6	8	49	
Anderson	IN	20	11	3	4	1	1	19	0	0	0	0	0	0	20	4	5	1	1	32	27	9	4	1	0	42	
Anderson	SC	0	0	0	0	0	0	0	0	0	0	0	0	0	4	5	7	1	0	16	11	12	20	9	7	60	
Ann Arbor	MI	0	17	1	1	0	0	20	19	3	2	0	0	24	6	4	2	7	6	8	32	149	2	146	6	48	351
Anniston--Oxford	AL	14	13	0	0	0	0	14	0	0	0	0	0	0	11	1	1	0	0	13	13	0	0	0	1	14	
Antioch	CA	0	0	0	0	0	0	0	5	2	4	1	0	13	0	1	4	4	4	13	0	0	0	0	0	61	
Appleton	WI	1	9	2	6	2	0	18	0	1	1	1	0	3	2	2	4	1	3	12	21	10	15	35	30	112	
Arroyo Grande--Grover Beach	CA	0	0	0	0	0	0	0	2	0	0	0	0	2	2	1	3	1	1	8	1	1	8	0	23	33	
Asheville	NC	5	57	8	8	2	0	75	18	2	1	0	0	21	51	27	19	5	8	112	40	25	37	16	23	140	
Athens-Clarke County	GA	0	0	0	0	0	0	0	10	4	4	1	0	19	35	7	2	1	1	46	14	1	5	1	1	23	
Atlanta	GA	0	281	33	19	6	3	341	54	9	8	3	1	75	404	72	60	20	24	580	328	101	75	29	40	573	
Atlantic City	NJ	0	0	0	0	0	0	0	9	2	1	1	0	13	3	3	5	3	7	22	83	27	94	43	38	284	
Auburn	AL	15	12	3	2	0	0	16	0	0	0	0	0	0	5	1	0	0	0	6	5	0	0	0	0	6	
Augusta-Richmond County	GA	0	25	4	2	1	0	31	0	0	2	0	0	3	76	13	10	3	4	106	6	3	1	0	1	11	
Augusta-Richmond County	SC	0	5	0	5	0	0	10	0	0	0	0	0	0	4	3	7	1	0	15	8	26	43	1	3	81	
Austin	TX	9	16	1	1	0	0	18	38	10	5	0	0	53	22	5	7	4	4	43	361	115	491	102	102	1,171	
Avondale--Goodyear	AZ	40	15	1	1	0	0	17	0	0	0	0	0	0	6	2	3	0	0	12	26	17	40	17	1	101	
Bakersfield	CA	0	0	0	0	0	0	0	14	5	4	0	0	23	8	7	8	3	3	28	33	20	79	16	47	194	
Baltimore	MD	4	24	3	3	1	1	32	20	3	3	1	1	28	19	4	4	2	8	37	75	99	160	116	151	601	
Bangor	ME	0	9	1	2	1	1	13	0	0	0	0	0	0	10	2	4	2	3	21	22	8	9	4	3	46	
Barnstable Town	MA	0	0	0	0	0	0	0	11	4	3	0	0	18	3	3	3	2	2	13	4	33	511	14	9	561	
Baton Rouge	LA	24	25	14	10	3	2	54	0	0	0	0	0	0	72	28	55	41	43	240	17	33	60	49	63	222	
Battle Creek	MI	2	14	1	1	1	0	16	0	0	0	0	0	0	2	1	3	2	1	8	44	1	71	2	20	138	
Bay City	MI	0	6	1	0	0	0	7	5	1	0	0	0	7	5	2	3	4	5	18	37	1	43	2	41	123	
Beaumont	TX	2	5	2	1	0	0	8	7	1	1	1	0	9	5	1	3	2	2	12	37	0	52	20	69	178	
Beckley	WV	3	18	4	4	0	0	26	0	0	0	0	0	0	16	6	3	1	1	27	47	12	35	2	3	100	
Bellingham	WA	1	8	7	3	0	0	18	0	0	0	0	0	0	2	1	2	2	2	9	8	3	17	29	13	69	
Beloit	IL	0	3	0	0	0	0	3	0	0	0	0	0	0	1	5	6	0	0	12	6	0	13	2	1	22	
Beloit	WI	0	4	0	0	0	0	5	0	0	0	0	0	0	0	1	2	2	1	6	6	8	7	5	10	36	
Bend	OR	0	0	0	0	0	0	0	0	0	0	0	0	0	19	4	4	1	2	29	52	19	37	5	5	117	
Benton Harbor--St. Joseph--Fair Plain	MI	0	9	4	2	2	1	17	0	0	0	0	0	0	3	2	3	3	3	15	64	1	28	4	5	102	
Billings	MT	1	4	1	1	0	0	5	0	0	0	0	0	0	2	2	2	2	3	12	17	4	11	9	7	48	
Binghamton	NY	3	12	1	1	1	1	16	14	5	4	1	0	24	4	2	0	0	0	7	30	19	63	25	12	149	
Binghamton	PA	0	2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Birmingham	AL	46	105	12	18	10	6	151	0	1	0	0	0	1	28	5	4	2	1	40	57	19	14	0	3	94	
Bismarck	ND	0	14	1	1	0	0	16	0	0	0	0	0	0	8	6	5	2	2	23	4	9	15	6	13	47	
Blacksburg	VA	0	3	1	1	0	0	5	9	2	1	0	0	12	5	4	5	2	1	17	5	8	14	6	1	35	
Bloomington	IN	37	0	0	0	0	0	0	14	0	0	0	0	0	15	1	1	1	0	19	0	2	0	0	0	3	
Bloomington--Normal	IL	0	31	1	0	0	0	32	0	0	2	0	0	3	13	11	9	3	0	37	28	3	37	15	37	118	
Bloomsburg--Berwick	PA	0	12	1	1	0	0	13	0	0	0	0	0	0	1	1	0	0	0	2	14	0	3	11	8	35	
Boise City	ID	6	20	3	1	0	0	23	0	0	0	0	0	0	36	10	8	3	1	59	263	15	80	23	9	389	
Bonita Springs	FL	3	14	0	0	0	0	14	0	0	0	0	0	0	13	2	1	0	0	16	115	12	37	3	2	170	
Boston	MA	0	250	10	9	5	6	279	57	9	6	1	1	75	9	13	33	26	22	104	51	97	3,411	206	138	3,903	
Boston	NH	0	8	0	0	0	0	8	1	0	0	0	0	1	6	2	2	1	1	13	9	56	83	1	0	148	
Boulder	CO	0	0	0	0	0	0	0	6	1	1	1	0	9	2	0	4	2	1	9	4	5	12	10	15	46	
Bowling Green	KY	9	7	0	0	0	0	7	9	0	0	0	0	9	15	2	1	0	0	17	14	3	3	1	1	21	
Bremerton	WA	1	0	0	0	0	0	0	38	3	2	0	0	43	9	5	5	3	3	25	26	2	55	21	42	146	
Bridgeport--Stamford	CT	0	10	2	1	0	0	14	14	3	2	0	0	19	1	3	8	6	13	31	23	45	79	60	217	424	
Bristol--Bristol	TN	5	7	0	0	0	0	7	0	0	0	0	0	0	10	2	2	0	0	14	4	5	5	2	1	18	
Bristol--Bristol	VA	2	23	1	0	0	0	24	0	0	0	0	0	0	9	10	12	2	1	35	11	6	8	4	2	31	
Brownsville	TX	12	5	0	1	0	0	6	1	0	1	0	0	2	10	6	7	2	2	27	88	40	38	7	17	190	
Brunswick	GA	0	13	1	0	0	0	14	0	0	0	0	0	0	18	7	5	2	1	33	12	3	4	1	1	20	
Buffalo	NY	1	27	3	3	1	0	34	21																		

FUNCTIONAL SYSTEM LENGTH - 2015

MILES BY MEASURED PAVEMENT ROUGHNESS / PRESENT SERVICEABILITY RATING

TABLE HM-73
SHEET 2 OF 8

DECEMBER 2016

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	95-119	120-169	170-220	> 220	
Gambrillo	CA	0	0	0	0	0	0	0	0	0	0	0	6	0	1	1	1	1	4	19	1	2	0	12	33	
Canton	OH	0	10	0	1	0	0	11	9	2	0	0	13	10	5	4	4	3	27	57	23	34	41	77	232	
Cape Coral	FL	1	13	0	0	0	0	13	3	1	0	0	3	32	5	2	1	0	40	113	27	104	4	1	249	
Cape Girardeau	IL	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	
Cape Girardeau	MO	3	10	1	0	0	0	11	1	1	0	0	2	3	1	1	0	0	5	0	0	0	0	1	1	
Carbondale	IL	0	3	1	0	0	0	4	0	0	0	0	0	29	6	3	2	0	40	4	2	25	4	6	41	
Carson City	NV	0	2	0	0	0	0	3	2	0	0	0	2	6	0	0	0	0	6	13	7	5	1	2	28	
Cartersville	GA	0	11	0	0	0	0	12	0	0	0	0	0	23	1	1	0	1	27	13	0	0	0	1	15	
Casa Grande	AZ	12	10	1	2	0	0	13	0	0	0	0	0	0	0	0	0	0	1	7	6	6	1	2	22	
Casper	WY	2	9	0	1	1	1	12	2	0	0	0	0	3	14	6	8	5	37	45	7	8	3	3	66	
Cedar Rapids	IA	22	17	1	0	0	0	18	0	0	0	0	0	19	11	14	8	10	61	0	0	0	0	0	0	
Chambersburg	PA	0	11	1	0	0	0	12	0	0	0	0	0	0	1	0	0	0	2	0	0	0	0	0	0	
Champaign	IL	0	20	0	0	3	0	23	0	0	0	0	0	14	11	13	3	3	43	2	6	35	18	11	71	
Charleston	WV	8	22	3	2	1	1	28	0	0	0	0	0	27	12	16	6	3	63	62	7	57	14	5	144	
Charleston--North Charleston	SC	0	15	3	1	1	0	19	2	0	1	0	0	3	13	11	8	1	34	20	51	42	24	6	143	
Charlotte	NC	14	101	24	12	4	1	142	3	1	2	1	1	7	72	43	50	17	24	206	59	82	152	70	11	374
Charlotte	SC	0	6	1	0	0	0	7	0	0	0	0	0	0	10	7	1	0	19	4	8	8	0	0	28	
Charlottesville	VA	2	7	1	0	0	0	8	3	1	1	0	0	6	5	6	4	1	22	2	4	9	0	6	26	
Chattanooga	GA	0	9	1	0	0	0	10	0	0	0	0	0	16	1	1	1	1	19	9	8	8	1	2	27	
Chattanooga	TN	44	12	1	0	0	0	14	15	1	2	1	0	19	14	8	4	1	29	39	7	14	6	22	88	
Cheyenne	WY	2	19	8	4	2	1	33	0	0	0	0	0	17	9	8	3	3	39	54	11	15	5	19	105	
Chicago	IL	0	245	69	56	2	2	373	17	2	12	2	2	33	329	329	524	233	1,609	336	195	779	638	389	2,336	
Chicago	IN	108	17	10	6	2	0	36	2	1	1	0	0	4	86	26	35	20	17	185	3	2	0	0	5	
Chico	CA	0	0	0	0	0	0	0	0	0	0	0	0	7	2	2	2	1	14	2	5	12	10	15	45	
Cincinnati	IN	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cincinnati	KY	2	36	2	2	0	0	40	1	0	0	0	0	1	14	8	9	5	7	43	39	20	35	25	12	130
Cincinnati	OH	0	15	2	3	1	0	20	9	3	3	1	0	16	6	5	6	3	25	90	67	189	79	98	524	
Clarksville	KY	2	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3	0	0	0	0	0	0	
Clarksville	TN	7	9	0	0	0	0	9	0	0	0	0	0	15	2	1	1	0	18	28	6	5	1	0	41	
Cleveland	OH	0	22	3	2	1	0	29	11	3	2	1	0	17	3	3	8	6	29	91	68	153	135	236	683	
Cleveland	TN	9	8	0	0	0	0	8	4	0	0	0	0	4	12	2	1	0	0	15	11	14	8	0	32	
Coeur d'Alene	ID	5	14	1	1	0	0	16	0	0	0	0	0	0	12	1	2	1	1	16	117	25	30	12	5	189
College Station--Bryan	TX	7	0	0	0	0	0	0	13	1	1	0	0	16	9	4	6	3	1	23	40	21	51	64	25	201
Colorado Springs	CO	0	18	4	3	1	0	26	10	3	3	2	0	19	4	4	17	11	4	40	55	21	83	55	33	247
Columbia	MO	1	7	0	1	0	0	8	8	0	0	0	0	8	5	2	2	1	0	9	6	19	8	9	51	
Columbia	SC	0	14	9	9	3	0	34	6	0	1	0	0	7	3	11	9	2	1	26	41	65	106	24	10	245
Columbus	AL	14	0	0	0	0	0	0	2	0	0	0	0	2	7	0	0	0	7	3	0	0	0	0	3	
Columbus	GA	0	10	2	2	0	0	14	11	3	4	1	0	18	32	9	10	6	4	60	8	4	3	1	0	15
Columbus	IN	10	13	1	1	0	0	14	0	0	0	0	0	0	17	4	1	1	1	23	19	1	1	0	0	21
Columbus	OH	0	11	3	3	1	0	18	12	1	1	0	0	15	21	6	7	3	3	41	186	118	166	78	95	642
Concord	CA	0	8	2	1	1	0	11	3	3	1	1	0	9	0	1	3	2	7	13	48	5	42	51	47	193
Concord	NC	2	26	4	2	0	0	32	0	0	0	0	0	0	37	18	9	3	3	70	55	22	37	19	4	137
Conroe--The Woodlands	TX	19	11	4	2	0	0	16	0	0	0	0	0	0	9	7	4	4	3	27	127	20	70	29	12	268
Conway	AR	16	6	0	0	0	0	6	0	0	0	0	0	0	2	1	1	1	0	5	5	50	14	2	3	73
Corpus Christi	TX	11	10	1	0	0	0	11	11	3	2	0	0	16	10	4	8	5	9	35	171	65	40	5	0	282
Corvallis	OR	0	0	0	0	0	0	0	0	0	0	0	0	0	13	4	5	1	2	25	55	14	22	1	0	91
Cumberland	MD	0	8	1	0	0	0	9	0	0	0	0	0	0	9	3	1	0	1	15	7	7	11	5	6	36
Cumberland	WV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1	0	6
Dallas--Fort Worth--Arlington	TX	9	30	11	8	3	1	52	31	20	22	6	3	82	10	11	20	13	18	73	1,496	724	1,306	364	366	4,256
Dallas	GA	0	15	0	0	0	0	15	0	0	0	0	0	0	16	4	3	1	1	26	44	10	3	0	1	58
Danbury	CT	0	7	1	2	0	0	10	4	0	0	0	0	5	1	2	2	1	2	9	5	10	31	24	46	116
Danville	IL	0	8	0	0	0	0	8	0	0	0	0	0	0	20	1	7	1	0	29	4	0	3	5	3	16
Daphne--Fairhope	AL	22	9	1	0	0	0	10	0	0	0	0	0	0	9	0	0	0	0	10	26	9	3	0	0	39
Davenport	IL	0	39	0	0	0	0	40	0	3	0	0	0	3	24	14	14	7	4	64	18	6	30	30	22	105
Davenport	IA	18	25	3	2	1	0	31	0	0	0	0	0	0	9	7	13	5	6	40	6	0	1	3	1	11
Davis	CA	0	1	0	0	0	0	1	3	0	0	0	0	3	0	0	0	1	1	2	3	9	8	3	7	31
Dayton	OH	0	15	3	3	1	0	22	9	1	1	0	0	12	13	8	11	5	3	39	45	38	111	68	50	312
Decatur	AL	13	7	0	0	0	0	7	0	0	0	0	0	0	7	0	0	0	0	8	0					

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Harlingen	TX	11	13	1	1	0	0	15	0	0	0	0	0	8	5	3	2	1	19	107	15	71	14	39	245	
Harrisburg	PA	0	78	6	6	2	1	93	3	2	3	1	0	9	4	5	5	2	2	17	47	38	60	22	15	181
Harrisonburg	VA	5	35	3	1	0	0	39	0	0	0	0	0	11	7	6	1	0	26	6	5	6	2	2	22	
Hartford	CT	0	21	1	1	0	0	23	16	3	2	1	1	24	4	8	12	5	9	37	24	47	116	98	174	457
Hattiesburg	MS	0	8	1	1	0	0	10	0	0	0	0	0	15	2	4	2	3	25	11	11	14	12	16	64	
Hazleton	PA	0	1	2	2	0	0	5	0	0	0	0	0	2	1	2	1	1	7	8	8	3	5	2	25	
Hermet	CA	0	0	0	0	0	0	0	0	0	0	0	0	3	4	6	2	1	15	0	2	16	5	15	38	
Hickory	NC	6	36	2	1	0	0	39	6	1	1	0	0	8	47	26	21	7	6	107	87	54	33	15	7	196
High Point	NC	2	17	3	8	1	0	29	15	1	0	0	0	16	12	12	14	7	4	48	31	23	65	15	22	156
Hilton Head Island	SC	0	0	0	0	0	0	0	0	0	0	0	0	5	0	1	0	0	6	0	0	0	0	0	18	
Hinesville	GA	0	0	0	0	0	0	0	0	0	0	0	0	11	2	2	1	1	15	18	3	3	0	0	25	
Holland	MI	0	11	0	0	0	0	12	0	0	1	1	0	3	11	4	6	3	3	27	38	0	38	0	55	131
Homosassa Springs--Beverly Hills--Citrus Springs	FL	0	0	0	0	0	0	0	0	0	0	0	0	13	2	0	0	0	15	46	2	29	65	0	142	
Hot Springs	AR	0	0	0	0	0	0	0	5	2	1	0	0	8	2	3	4	2	1	12	4	26	18	46	11	105
Houma	LA	8	0	0	0	0	0	8	3	1	1	1	0	13	6	5	9	4	6	30	61	15	15	18	19	128
Houston	TX	9	15	10	12	4	1	42	22	15	20	7	1	66	37	13	14	9	19	92	1,128	492	1,182	493	403	3,699
Huntington	KY	33	0	0	0	0	0	0	0	0	0	0	0	15	3	3	1	0	22	0	0	0	0	0	0	0
Huntington	OH	0	0	0	0	0	0	0	10	1	0	0	0	11	6	1	1	0	0	9	9	2	4	2	4	20
Huntington	WV	5	9	1	1	0	0	11	0	0	0	0	0	1	16	13	11	5	2	47	28	10	13	2	23	76
Huntsville	AL	49	13	0	0	0	0	13	6	1	0	0	0	7	24	2	1	0	0	26	4	1	0	0	0	6
Idaho Falls	ID	4	5	0	0	0	0	9	0	0	0	0	0	0	16	4	4	3	2	28	57	23	41	10	0	131
Indianapolis	IN	296	97	21	17	6	3	144	2	0	0	0	0	3	85	18	17	5	4	129	173	18	29	3	1	223
Indio--Cathedral City	CA	0	16	1	0	0	0	17	5	1	0	0	0	6	1	2	3	3	12	6	1	24	53	15	43	138
Iowa City	IA	0	13	1	1	0	0	14	0	0	0	0	0	0	16	3	2	1	4	26	6	3	12	9	31	61
Ithaca	NY	0	0	0	0	0	0	0	4	0	1	0	0	5	2	1	2	1	7	4	12	14	8	9	47	
Jackson	MI	0	4	3	2	1	0	9	9	3	1	0	0	14	4	3	4	3	4	17	15	1	91	0	42	149
Jackson	MS	0	41	5	5	1	1	53	0	0	0	0	0	0	28	19	16	11	19	92	45	26	69	57	107	304
Jackson	TN	11	5	1	0	0	0	6	0	0	0	0	0	0	6	3	4	1	1	14	8	1	2	0	0	12
Jacksonville	FL	10	22	1	1	0	0	23	9	1	2	1	0	13	23	5	4	2	0	34	366	55	124	19	13	577
Jacksonville	NC	1	0	0	0	0	0	0	6	0	0	0	0	7	19	5	2	1	1	28	9	5	14	3	3	34
Janesville	WI	0	3	0	1	0	0	4	0	1	1	0	0	3	6	3	3	1	2	14	8	3	11	24	16	62
Jefferson City	MO	0	0	0	0	0	0	0	14	1	1	0	0	16	4	0	0	0	0	5	7	10	26	11	16	69
Johnson City	TN	10	3	1	3	1	0	8	0	0	0	0	0	0	13	1	1	0	0	15	23	3	2	1	1	31
Johnstown	PA	0	0	0	0	0	0	0	3	0	0	0	0	4	2	2	3	1	2	9	5	14	16	6	6	47
Jonesboro	AR	7	0	0	0	0	0	7	7	1	0	0	0	9	7	4	2	1	0	14	16	30	13	10	1	70
Joplin	MO	0	8	0	0	0	0	8	5	0	0	0	0	5	15	1	1	0	0	18	10	15	26	10	14	75
Kahului	HI	0	0	0	0	0	0	0	0	0	0	0	0	0	14	4	8	3	1	29	3	2	2	1	0	7
Kailua (Honolulu County)--Kaneohe	HI	0	3	1	3	0	0	7	1	2	2	0	0	6	6	8	8	4	2	28	0	0	2	2	0	0
Kalamazoo	MI	0	14	1	0	0	0	15	9	5	3	1	0	18	7	5	8	5	4	30	101	0	110	0	94	305
Kankakee	IL	0	16	3	0	0	0	19	0	0	0	0	0	0	10	8	9	7	0	34	0	10	9	9	15	42
Kansas City	KS	3	27	3	2	1	1	33	19	2	1	1	0	24	12	4	3	1	0	21	94	80	116	67	32	389
Kansas City	MO	5	46	5	4	1	0	55	48	5	5	2	0	61	37	10	11	3	1	61	48	98	198	128	106	577
Kennewick--Pasco	WA	8	18	9	2	0	0	29	23	5	3	1	1	32	5	6	6	3	4	24	32	32	17	8	19	108
Kenosha	WI	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	4	4	3	17	0	0	2	6	20	27
Killeen	TX	3	0	0	0	0	0	0	13	1	2	0	0	16	15	4	4	1	0	24	59	33	44	46	27	209
Kingsport	TN	19	11	0	0	0	0	11	4	1	0	0	0	5	14	1	1	0	0	16	22	11	2	0	0	36
Kingsport	VA	0	0	0	0	0	0	0	2	1	0	0	0	3	4	4	1	0	0	9	2	2	4	1	0	10
Kingston	NY	0	13	1	1	0	0	16	1	1	2	0	0	4	3	1	4	2	1	11	17	12	14	7	4	54
Kissimmee	FL	0	0	0	0	0	0	0	20	0	1	0	0	21	21	6	2	0	0	29	157	4	50	1	1	212
Knoville	TN	28	29	2	1	0	0	31	0	0	0	0	0	1	32	6	3	1	2	44	79	20	19	4	1	123
Kokomo	IN	15	0	0	0	0	0	0	9	0	0	0	0	10	10	2	2	0	0	14	0	0	0	0	0	0
La Crosse	MN	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	3	0	0	1	0	0	2
La Crosse	WI	1	5	4	0	0	0	8	5	1	1	0	0	7	2	2	2	2	3	10	12	4	9	7	17	48
Lady Lake--The Villages	FL	0	0	0	0	0	0	0	1	0	0	0	0	1	18	1	0	0	0	20	115	10	36	9	1	170
Lafayette	IN	32	5	0	1	0	0	6	0	0	0	0	0	0	9	2	7	3	2	22	24	1	3	4	3	34
Lafayette	LA	6	14	3	4	2	0	24	0	0	0	0	0	0	16	13	18	20	28	95	32	24	28	20	37	140
Lafayette--Louisville--Erie	CO	0	0	0	0	0	0	0	2	1	1	1	0	5	2	3	4	1	2	11	6	8	20	6	4	45
Lake Charles	LA	1	9	4	5	3	1	23	0	0	0	0	0	0	15	3	6	5	3	32	34	17	14	9	22	96
Lake Havasu City	AZ	15	0	0	0	0	0	0	0	0	0	0	0	0	12	1	0	0	1	14	0	0	0	0	0	0
Lake Jackson--Angleton	TX	3	0	0	0	0	0	3	1	1	1	0	0	6	10	2	3	3	1	0	59	7	7	40	10	163
Lakeland	FL	1	4	1	0	0	0	6	5	0	0	0	0	6	13	2	1	0	0	15	105	6	109	1	4	223
Lancaster	PA	0	16	1	0	0	0	17	7	2	2	0	0	11	5	2	3	1	1	13	36	44	50	32	38	199
Lancaster--Palmdale	CA	0	0	0	0	0	0	0	6	0	3	1	0	11	14	7	5	3	3	31	28	48	110	10	94	289
Lansing	MI	1	14	7	3	1	0	25	9	3	1	0	0	13	9	4	6	2	3	25	112	2	164	6	76	361
Laredo	TX	10	7	1	1	0	0	9	0	0	0	0	0	0	6	5	8	4	5	27	17	14	70	45	11	158
Las Cruces	NM	6	11	2	1	0	0	14	6	1	0	0	0	7	5	2	3	1	1	12	31	22	27	18	17	114
Las Vegas--Henderson	NV	2																								

FUNCTIONAL SYSTEM LENGTH - 2015

MILES BY MEASURED PAVEMENT ROUGHNESS / PRESENT SERVICEABILITY RATING

DECEMBER 2016

TABLE HM-73
SHEET 5 OF 8

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	OTHER FREEWAYS & EXPRESSWAYS					TOTAL	OTHER PRINCIPAL ARTERIAL					TOTAL	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		<=2.0	>2.0	TOTAL			
Lawton	OK	1	5	1	1	0	0	8	2	1	0	0	1	5	4	0	5	4	5	18	5	2	3	9	14	32
Lebanon	PA	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	2	0	1	6	0	3	6	7	10	25
Leesburg-Eustis-Tavares	FL	0	0	0	0	0	0	0	0	0	0	0	0	0	15	2	1	1	0	18	72	2	68	34	0	175
Leominster-Fitchburg	MA	0	0	0	0	0	0	0	2	0	0	0	0	2	6	3	4	3	4	19	0	0	213	1	3	216
Lewiston	ID	4	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	5	35	11	20	4	1	71	
Lewiston	WA	0	0	0	0	0	0	0	2	0	0	0	0	2	1	0	1	1	0	3	9	7	4	1	2	22
Lewiston	ME	0	7	3	1	0	0	12	0	0	1	0	0	1	16	5	5	3	8	37	7	8	8	4	5	31
Lexington-Fayette	KY	37	13	0	0	0	0	13	10	1	2	1	0	13	21	6	7	3	2	39	8	4	4	2	1	18
Lexington Park-California-Chesapeake Ranch Estates	MD	1	0	0	0	0	0	0	1	0	0	0	0	1	5	1	0	0	6	7	3	2	1	0	13	
Lima	OH	0	5	0	1	0	0	6	0	0	0	0	0	2	2	3	2	1	9	29	12	3	2	6	52	
Lincoln	NE	31	12	3	2	0	0	17	15	2	2	0	0	19	7	4	8	6	8	32	103	26	55	21	7	213
Little Rock	AR	20	10	3	2	0	0	15	4	2	4	2	0	12	2	2	7	3	1	15	44	184	158	192	77	655
Livermore	CA	0	6	0	0	0	0	6	0	0	0	0	0	0	1	1	1	2	1	5	0	2	6	6	19	33
Lodi	CA	0	0	0	0	0	0	0	1	0	0	0	0	1	3	1	2	0	6	11	8	10	4	4	27	
Logan	UT	0	0	0	0	0	0	0	0	0	0	0	0	24	3	2	1	1	0	30	5	4	2	0	0	11
Lompoc	CA	0	0	0	0	0	0	0	0	0	0	0	0	4	3	2	1	0	10	0	4	2	3	4	13	
Longmont	CO	0	0	1	0	0	0	2	3	2	2	1	1	8	2	1	3	0	0	7	3	5	24	15	6	53
Longview	TX	6	5	0	0	0	0	5	0	0	0	0	0	8	3	4	1	0	15	65	8	35	17	3	128	
Longview	OR	0	0	0	0	0	0	0	0	0	0	0	0	2	1	2	0	0	6	4	3	0	1	0	8	
Longview	WA	2	8	0	0	0	0	8	2	0	0	0	0	3	5	4	3	2	4	18	6	2	9	4	20	42
Lorain-Elyria	OH	0	6	1	1	0	0	9	9	1	0	0	0	10	3	2	2	2	1	10	44	30	20	19	27	140
Los Angeles-Long Beach-Anaheim	CA	0	7	1	1	2	0	11	19	5	5	3	2	35	1	4	11	7	10	33	13	16	35	1,274	1,781	3,119
Los Lunas	NM	0	4	0	0	0	0	4	0	0	0	0	0	3	2	3	2	0	10	19	7	4	2	1	32	
Los Lunas	IN	53	20	4	3	1	0	28	1	1	2	0	0	5	3	1	0	0	5	23	2	5	4	1	0	30
Louisville/Jefferson County	KY	411	78	10	10	4	1	101	2	4	5	2	0	13	25	23	32	10	5	95	62	68	101	48	26	306
Lubbock	TX	26	3	3	4	1	0	11	9	3	5	2	0	19	23	8	7	4	3	45	64	9	61	33	98	265
Lynchburg	VA	6	0	0	0	0	0	0	25	6	1	0	0	32	19	8	7	2	2	38	29	19	27	19	12	106
McAllen	TX	5	23	2	2	0	0	27	4	0	0	0	0	5	20	6	7	2	2	36	328	57	291	72	117	865
McKinney	TX	8	0	0	0	0	0	0	7	4	4	0	0	15	13	3	3	1	1	20	116	6	84	9	3	219
Macon	GA	0	30	7	7	3	1	47	0	0	0	0	0	16	6	7	3	2	5	35	17	5	3	5	3	32
Madera	CA	0	0	0	0	0	0	0	3	0	0	0	0	3	0	0	0	1	2	2	3	16	8	32	61	
Madison	WI	1	5	3	5	1	0	15	9	3	7	2	1	22	5	3	6	3	4	22	6	25	62	23	55	171
Manchester	NH	0	25	0	0	0	0	25	8	0	0	0	0	8	12	3	6	2	4	27	12	3	7	3	7	155
Manchester-Covington	LA	4	17	0	0	0	0	18	3	0	0	0	0	3	11	6	4	2	0	23	22	27	7	3	4	45
Manhattan	KS	0	0	0	0	0	0	0	8	1	0	0	0	9	7	1	2	1	0	11	5	3	7	3	5	24
Mankato	MN	2	0	0	0	0	0	0	3	3	3	1	0	10	10	4	2	1	0	17	14	0	7	0	5	28
Mansfield	OH	0	4	0	0	0	0	5	9	1	1	0	0	12	7	2	2	1	1	13	45	14	16	8	5	87
Manteca	CA	0	0	0	0	0	0	0	2	0	0	0	0	2	0	1	2	1	0	4	3	4	12	2	1	21
Marysville	WA	1	7	1	0	0	0	9	18	5	2	1	1	27	0	2	7	1	1	12	12	2	49	6	1	71
Mauldin-Simpsonville	SC	0	11	1	1	0	0	13	1	2	0	0	0	2	0	3	6	0	0	10	6	11	19	12	0	48
Medford	OR	0	25	2	0	0	0	27	0	0	0	0	0	0	26	11	9	4	4	53	116	74	87	6	30	313
Memphis	AR	2	4	1	1	0	0	5	0	0	0	0	0	0	0	1	2	0	0	4	8	16	20	1	12	57
Memphis	MS	0	13	1	1	0	0	15	12	1	0	0	0	13	15	7	6	3	2	32	10	17	21	12	14	74
Memphis	TN	32	18	2	2	0	0	23	8	1	2	1	1	13	6	5	6	5	4	26	37	11	28	34	22	133
Merced	CA	0	0	0	0	0	0	0	1	1	2	1	0	5	1	1	3	1	3	8	0	0	0	11	68	83
Miami	FL	8	23	2	1	0	0	26	42	3	2	0	0	47	34	9	10	3	2	58	721	125	466	182	96	1,560
Michigan City-La Porte	IN	21	1	1	1	0	0	3	0	0	0	0	0	0	17	5	4	3	2	32	5	10	4	1	0	20
Michigan City-La Porte	MI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2
Middletown	OH	0	4	0	0	0	0	4	0	0	0	0	0	0	4	3	4	1	2	14	6	9	9	7	5	36
Midland	MI	4	0	0	0	0	0	0	19	1	1	0	0	22	2	1	5	2	3	12	8	0	66	0	48	122
Midland	TX	2	13	0	0	0	0	13	3	1	1	0	0	5	5	2	5	3	2	16	19	30	101	18	19	187
Milwaukee	WI	0	32	7	2	3	1	45	7	3	4	1	1	16	9	6	9	6	12	42	13	49	81	96	366	605
Minneapolis-St. Paul	MN	5	127	42	30	8	3	209	84	21	15	6	3	129	114	28	19	4	4	169	551	303	359	393	137	1,743
Mission Viejo-Lake Forest-San Clemente	CA	0	5	2	2	0	0	8	5	1	1	0	0	8	1	1	3	3	3	10	0	0	0	80	49	128
Missoula	MT	0	10	1	1	0	0	12	0	0	0	0	0	0	3	2	2	2	1	11	5	9	5	4	7	31
Mobile	AL	48	36	2	3	1	0	43	0	0	0	0	0	0	13	2	2	1	1	19	21	3	1	0	0	25
Modesto	CA	0	0	0	0	0	0	0	9	0	0	0	0	9	2	2	4	3	3	15	1	1	27	41	28	98
Monessen-California	PA	0	9	2	1	1	0	11	4	0	9	0	0	13	4	2	3	1	0	10	15	11	23	13	5	67
Monroe	LA	3	11	1	0	0	1	13	0	0	0	0	0	0	15	3	7	5	7	37	12	10	36	23	20	101
Monroe	MI	0	3	1	3	3	2	11	0	0	0	0	0	0	6	2	2	1	0	12	21	3	29	1	40	95
Montgomery	AL	31	29	4	2	1	0	36	4	0	0	0	0	4	15	2	2	0	0	20	23	7	5	1	0	36
Morgantown	WV	1	12	1	0	0	0	13	0	0	0	0	0	0	3	3	6	5	3	20	26	2	15	12	14	69
Morrisstown	TN	3	0	0	0	0	0	0	0	0	0	0	0	0	9	1	1	0	2	11	20	1	3	1	3	27
Mount Vernon	WA	1	6	1	0	0	0	7	0	0	0	0	0	0	3	2	4	1	2	12	16	2	8	10	42	48
Munster	IN	36	0	0	0	0	0	0	4	1	2	0	0	7	18	4	3	0	0	26	5	2	2	1	1	13
Murrieta-Temecula-Menifee	CA	0	6	3	3	1	0	13	0	0	0	0	0	0	1	1	4	2	3	0	14	11	27	10	45	107
Muskegon	MI	0	5	0	0	0	0	5	18	0	1	0	0	18	8	5	9	5	5	32	95	2	118	0		

FUNCTIONAL SYSTEM LENGTH - 2015

MILES BY MEASURED PAVEMENT ROUGHNESS / PRESENT SERVICEABILITY RATING

TABLE HM-73

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DECEMBER 2016

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	
Myrtle Beach--Socastee	SC	0	0	0	0	0	0	8	0	1	0	0	9	13	11	15	1	0	41	22	0	58	41	3	124	
Nampa	ID	3	8	4	4	1	0	18	0	0	0	0	0	19	10	11	6	4	51	117	11	16	50	17	210	
Napa	CA	0	0	0	0	0	0	4	2	2	1	0	8	1	2	2	1	1	7	0	2	3	1	12	18	
Nashua	NH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Nashua	NH	0	10	1	0	0	0	11	16	0	0	0	0	17	13	3	5	3	27	16	67	147	8	4	240	
Nashville-Davidson	TN	29	37	1	0	0	0	39	22	3	2	1	0	28	32	7	5	1	1	46	162	34	41	9	6	252
Newark	OH	0	3	0	0	0	0	3	6	0	0	0	0	7	7	2	2	1	0	11	13	6	10	3	4	37
New Bedford	MA	0	37	1	1	0	0	39	10	1	0	0	0	12	1	1	1	1	4	8	4	211	8	5	237	
New Bern	NC	2	0	0	0	0	0	0	5	1	0	0	0	7	14	2	3	1	1	20	6	4	4	1	1	17
New Haven	CT	0	18	2	1	1	0	22	15	2	1	0	0	19	2	3	7	3	6	20	11	36	58	35	167	306
New Orleans	LA	21	20	3	5	1	0	29	0	0	2	1	1	3	56	24	39	19	30	168	65	40	56	42	102	305
New York--Newark	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New York--Newark	NJ	0	44	4	4	2	2	56	37	4	5	2	2	50	22	11	16	7	13	68	676	474	910	569	499	3,129
New York--Newark	NY	2	26	12	9	4	2	53	21	15	25	20	15	95	7	5	13	12	20	57	207	275	844	532	670	2,528
North Port--Port Charlotte	FL	4	5	1	0	0	0	6	0	0	0	0	0	0	16	3	2	0	0	21	42	10	24	4	0	80
Norwich--New London	CT	0	19	3	1	0	0	23	3	1	1	0	1	5	5	2	3	2	2	14	3	9	40	25	26	104
Norwich--New London	RI	0	0	0	0	0	0	0	0	0	2	1	1	4	2	1	2	1	1	7	1	4	7	4	3	18
Ocala	FL	3	12	0	0	0	0	12	0	0	0	0	0	0	18	3	1	0	0	22	172	11	17	8	2	210
Odessa	TX	5	19	0	0	0	0	20	7	0	0	0	0	0	19	6	5	7	3	36	19	36	64	74	14	206
Ogden--Layton	UT	7	53	7	4	1	0	65	11	0	0	0	0	11	71	22	19	6	2	121	17	14	18	4	1	65
Oklahoma City	OK	3	26	7	5	4	2	43	17	3	1	0	1	21	10	10	16	5	7	49	44	52	294	184	126	699
Olympia--Lacey	WA	0	16	1	0	0	0	17	6	1	0	0	0	7	4	4	2	1	1	11	16	31	49	18	8	123
Omaha	IA	9	8	4	3	1	0	15	0	0	0	0	0	0	1	2	3	3	5	14	0	2	0	0	2	4
Omaha	NE	46	22	4	3	1	0	30	34	8	4	5	5	56	12	13	35	27	40	127	165	93	82	119	8	466
Orlando	FL	7	9	1	0	0	0	10	38	2	1	0	0	41	25	7	6	2	2	42	401	79	63	49	76	669
Oshkosh	WI	0	2	4	1	0	0	7	0	0	0	0	0	0	1	1	3	1	2	8	6	6	5	10	16	43
Owensboro	KY	29	0	0	0	0	0	0	9	1	0	0	0	10	4	2	3	3	2	13	2	1	1	1	0	6
Oxnard	CA	0	0	0	0	0	0	0	6	1	6	1	0	14	7	3	7	5	4	25	23	8	14	11	23	78
Palm Bay--Melbourne	FL	0	12	0	0	0	0	13	9	1	0	0	0	10	26	7	4	1	0	38	81	23	87	34	13	238
Palm Coast--Daytona Beach--Port Orange	FL	12	23	1	0	0	0	24	0	0	0	0	0	0	33	7	3	0	0	43	68	12	55	50	11	197
Panama City	FL	0	0	0	0	0	0	0	0	0	0	0	0	0	14	2	1	0	0	17	90	7	6	4	0	107
Parkersburg	OH	0	0	0	0	0	0	0	0	0	0	0	0	0	4	1	1	0	0	6	4	2	1	0	7	7
Parkersburg	WV	6	1	0	0	0	0	1	0	0	0	0	0	0	12	7	7	2	1	29	4	4	2	13	4	29
Pascagoula	MS	0	2	0	0	0	0	2	0	0	0	0	0	0	19	2	1	1	0	24	10	5	7	4	1	27
Pensacola	AL	0	0	0	0	0	0	0	0	0	0	0	0	0	4	1	0	0	0	5	4	0	0	0	0	5
Pensacola	FL	0	16	1	0	0	0	17	0	0	0	0	0	0	14	5	2	0	1	22	150	35	43	5	4	236
Peoria	IL	0	31	3	0	0	0	35	2	0	5	3	0	10	37	24	20	15	4	99	33	11	28	52	51	174
Petaluma	CA	0	0	0	0	0	0	0	4	0	0	0	0	4	0	0	1	1	1	3	0	11	3	1	0	16
Philadelphia	DE	1	12	3	1	0	0	17	4	1	0	0	0	5	10	3	3	1	2	19	26	17	23	20	17	103
Philadelphia	MD	0	4	0	0	0	0	5	2	0	0	0	0	2	11	1	1	1	1	15	19	8	8	2	1	39
Philadelphia	NJ	0	13	3	2	1	0	19	16	2	1	0	0	20	12	8	8	4	6	38	165	70	283	154	140	812
Philadelphia	PA	0	96	18	27	5	2	148	8	3	5	2	0	19	2	6	14	9	8	39	34	73	240	384	261	992
Phoenix--Mesa	AZ	217	63	5	1	0	0	68	144	16	10	1	0	171	87	56	68	29	23	262	122	151	271	119	69	732
Pine Bluff	AR	5	1	0	1	1	0	3	0	0	0	0	0	0	1	1	2	1	1	6	5	31	26	23	11	96
Pittsburgh	PA	0	149	21	16	4	0	189	15	9	4	1	0	29	9	4	4	2	1	21	183	146	204	203	202	938
Pittsfield	MA	0	0	0	0	0	0	0	0	0	0	0	0	0	10	4	3	1	1	19	7	1	94	0	0	102
Pocatello	ID	1	13	2	1	0	0	16	0	0	0	0	0	0	10	3	5	3	2	22	33	14	18	14	0	79
Port Arthur	TX	12	2	1	0	0	0	3	7	2	1	0	0	10	11	5	5	2	2	26	41	2	33	7	32	114
Porterville	CA	0	0	0	0	0	0	0	0	0	0	0	0	0	6	2	0	0	0	8	5	6	7	1	8	28
Port Huron	MI	1	9	1	0	0	0	11	1	0	0	0	0	2	8	6	6	2	1	23	98	4	37	1	7	147
Portland	ME	0	28	1	1	0	0	28	5	0	1	0	0	7	7	7	7	7	5	33	29	14	10	24	17	80
Portland	OR	1	54	7	2	1	0	66	23	1	1	1	0	27	63	43	61	36	41	249	787	358	124	55	12	1,336
Portland	WA	1	16	3	2	0	0	21	25	3	2	1	0	32	8	6	6	3	5	28	16	18	38	29	55	155
Port St. Lucie	FL	1	13	0	0	0	0	13	17	0	0	0	0	18	11	11	9	2	1	33	170	25	103	10	13	321
Portsmouth	ME	0	2	0	0	0	0	2	0	0	0	0	0	1	1	0	1	1	0	2	4	2	3	1	1	11
Portsmouth	NH	0	11	0	0	0	0	12	13	1	1	0	0	15	4	3	3	1	1	12	2	25	95	1	1	124
Pottstown	PA	0	0	0	0	0	0	0	0	1	0	0	0	1	3	4	3	1	1	13	10	7	10	5	2	34
Poughkeepsie--Newburgh	NY	0	36	2	2	1	1	40	24	3	4	2	0	33	15	9	12	5	2	43	53	53	93	39	20	258
Prescott Valley--Prescott	AZ	23	0	0	0	0	0	0	7	0	0	0	0	7	14	3	1	0	0	19	7	2	1	0	0	10
Providence	MA	0	4	0	0	0	0	4	2	1	0	0	0	3	1	4	5	3	1	15	8	11	298	13	17	346
Providence	RI	0	41	4	2	1	0	50	25	9	7	2	1	43	9	8	28	20	18	83	17	27	96	91	101	332
Provo--Orem	UT	9	32	6	1	0	0	39	0	0	0	0	0	0	55	20	15	6	2	98	9	3	4	1	0	18
Pueblo	CO	0	11	1	1	0	0	13	11	3	3	1	0	18	1	2	2	2	1	7	11	5	59	18	62	156
Racine	WI	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	5	3	4	17	4	3	7	8	34	57
Raleigh	NC	5	61	12	5	1	0	78	36	4	4	0	1	44	99	30	23	7	9	168	156	141	115	38	17	466
Rapid City	SD	0	19																							

FUNCTIONAL SYSTEM LENGTH - 2015
MILES BY MEASURED PAVEMENT ROUGHNESS / PRESENT SERVICEABILITY RATING

TABLE HM-73

SHEET 7 OF 8

DECEMBER 2016

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								
																		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													
Reno	NV	0	10	4	3	0	0	17	11	1	0	0	13	11	3	3	2	21	51	25	68	30	22	197			
Richmond	VA	9	103	41	32	8	1	186	24	11	13	4	2	54	85	61	93	40	20	298	32	83	203	128	91	536	
Riverside-San Bernardino	CA	0	15	3	3	0	0	22	11	5	5	2	1	24	2	4	6	4	5	20	65	193	174	84	187	704	
Roanoke	VA	4	32	5	2	0	0	39	3	0	0	0	0	3	25	12	15	6	3	61	23	23	41	17	3	107	
Rochester	MN	2	0	0	0	0	0	0	4	4	2	0	0	10	7	4	3	1	0	16	12	17	7	7	17	71	
Rochester	NY	0	23	5	3	1	0	32	19	6	4	1	0	30	10	8	7	2	1	27	185	106	69	41	24	425	
Rockford	IL	0	20	8	3	0	0	31	10	2	0	0	0	12	42	22	22	46	15	148	3	23	71	38	37	172	
Rock Hill	SC	0	5	0	0	0	0	6	0	1	2	2	0	4	2	7	3	1	0	13	4	11	11	22	9	56	
Rocky Mount	NC	1	3	0	0	0	0	4	12	0	0	0	0	13	17	5	6	3	4	35	31	9	16	7	5	68	
Rome	GA	0	0	0	0	0	0	0	0	0	0	0	0	0	40	5	3	2	2	52	19	2	2	0	0	24	
Round Lake Beach-McHenry-Grayslake	WI	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2	0	0	0	0	0	0	
Sacramento	CA	0	8	1	1	0	0	10	18	2	1	1	0	22	2	1	4	2	4	14	27	40	190	49	107	414	
Saginaw	MI	0	5	3	7	1	0	15	0	0	0	0	0	0	3	6	7	5	24	54	0	38	0	0	78	169	
St. Augustine	FL	0	0	0	0	0	0	0	0	0	0	0	0	0	11	1	1	0	0	13	13	11	15	5	3	47	
St. Cloud	MN	1	5	0	0	0	0	5	0	0	0	0	0	0	29	3	2	0	1	35	15	20	24	15	13	87	
St. George	UT	10	13	1	0	0	0	14	9	1	0	0	0	10	0	1	2	0	0	3	5	6	0	0	0	11	
St. Joseph	KS	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	4	3	1	2	2	0	8	
St. Joseph	MO	1	8	1	1	0	0	10	1	0	1	0	0	3	9	3	2	1	1	16	4	4	5	10	9	13	41
St. Louis	IL	0	60	0	21	0	0	81	14	6	2	0	0	22	111	69	53	7	6	247	49	33	153	69	19	323	
St. Louis	MO	5	49	5	3	1	0	58	26	6	4	1	0	37	13	6	11	6	4	41	75	63	131	80	112	460	
Salem	OR	0	12	2	0	0	0	15	10	1	0	0	0	11	17	13	13	7	8	58	142	32	49	13	8	244	
Salinas	CA	0	0	0	0	0	0	0	5	3	2	0	0	10	4	2	2	1	1	9	16	4	7	2	1	30	
Salisbury	DE	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	0	0	0	4	2	0	1	1	0	3	
Salisbury	MD	1	0	0	0	0	0	0	6	0	0	0	0	7	12	0	1	0	1	15	8	10	11	3	5	37	
Salt Lake City-West Valley City	UT	40	29	16	16	3	0	65	0	0	0	0	0	0	82	34	42	14	7	179	62	4	1	3	2	72	
San Angelo	TX	2	0	0	0	0	0	0	6	2	2	1	0	11	13	2	1	1	0	18	7	0	6	54	26	93	
San Antonio	TX	2	39	4	2	0	0	45	18	8	5	1	0	31	14	8	11	5	8	45	183	135	682	264	321	1,585	
San Diego	CA	0	17	1	0	0	0	18	9	4	4	1	0	18	2	4	5	5	7	22	34	5	126	180	437	783	
San Francisco-Oakland	CA	0	2	1	1	0	0	5	6	3	4	1	2	16	1	2	4	5	11	22	56	33	162	187	410	848	
San Jose	CA	0	5	1	1	0	0	7	8	5	4	1	0	18	7	3	5	4	6	24	0	0	66	26	281	373	
San Luis Obispo	CA	0	0	0	0	0	0	0	3	0	0	0	0	3	1	0	2	1	0	5	0	1	6	11	10	27	
San Marcos	TX	2	6	0	1	0	0	7	0	0	0	0	0	0	5	2	1	1	1	10	5	16	26	7	12	66	
Santa Barbara	CA	0	0	0	0	0	0	0	12	2	1	0	0	15	3	3	5	2	3	16	1	14	13	5	32	64	
Santa Clara	CA	0	3	2	3	1	0	8	4	0	0	0	0	5	3	3	1	1	1	9	1	5	4	16	11	37	
Santa Cruz	CA	0	0	0	0	0	0	0	5	2	0	0	0	7	0	1	1	1	2	11	4	22	17	14	16	73	
Santa Fe	NM	4	7	0	0	0	0	8	0	0	0	0	0	0	9	2	1	0	0	12	6	10	31	5	11	64	
Santa Maria	CA	0	0	0	0	0	0	0	7	0	0	0	0	7	5	1	1	1	0	8	24	8	11	11	8	62	
Santa Rosa	CA	0	0	0	0	0	0	0	10	4	2	0	0	16	6	2	3	2	3	16	0	16	21	19	61	117	
Sarasota-Bradenton	FL	0	11	0	0	0	0	12	0	0	0	0	0	0	21	6	3	1	0	31	48	24	129	33	16	250	
Saratoga Springs	NY	1	14	4	1	0	0	19	0	1	0	0	0	2	3	1	2	2	2	9	5	7	10	4	0	26	
Savannah	GA	0	40	5	3	1	0	49	0	1	2	0	0	3	45	11	11	5	7	80	12	5	9	4	2	33	
Scranton	PA	0	40	10	7	2	2	60	4	1	1	1	0	7	4	3	7	5	3	21	15	31	43	48	70	207	
Seaside-Monterey	CA	0	0	0	0	0	0	0	2	2	1	0	0	6	2	1	4	2	3	12	1	2	16	14	3	36	
Seattle	WA	4	78	13	12	7	3	113	88	22	14	3	3	131	64	56	61	30	37	248	65	80	378	276	286	1,085	
Sebastian-Vero Beach South-Florida R	FL	1	0	0	0	0	0	0	0	0	0	0	0	0	13	3	3	0	0	19	96	16	54	5	4	175	
Sebring-Avon Park	FL	0	0	0	0	0	0	0	0	0	0	0	0	0	10	2	0	0	0	12	22	0	37	0	0	60	
Sheboygan	WI	0	6	0	0	0	0	6	1	0	0	0	0	1	1	1	1	1	1	5	0	2	2	4	30	38	
Sherman	TX	13	0	0	0	0	0	0	7	2	4	2	1	16	3	2	5	2	0	12	10	27	48	10	4	99	
Shreveport	LA	14	16	8	17	9	3	53	1	1	3	4	2	10	20	13	26	18	13	90	31	31	47	38	45	193	
Sierra Vista	AZ	6	0	0	0	0	0	0	0	0	0	0	0	0	5	3	2	0	0	10	6	5	2	0	0	14	
Sioux Valley	CA	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	5	10	29	0	0	44	53	
Sioux City	IA	6	9	2	1	1	0	12	0	0	0	0	0	0	11	10	9	3	4	37	0	0	0	9	0	10	
Sioux City	NE	4	2	0	0	0	0	3	0	1	2	1	1	4	0	0	2	2	1	5	11	5	5	1	0	22	
Sioux City	SD	0	4	1	1	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	2	1	7	
Sioux Falls	SD	0	20	6	6	1	0	33	2	1	0	0	0	3	4	7	7	7	14	38	13	26	40	42	40	162	
Slidell	LA	2	23	3	2	1	0	29	0	0	0	0	0	0	7	6	4	1	2								

FUNCTIONAL SYSTEM LENGTH - 2015

MILES BY MEASURED PAVEMENT ROUGHNESS / PRESENT SERVICEABILITY RATING

TABLE HM-73

SHEET 8 OF 8

DECEMBER 2016

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)								
			TOTAL REPORTED					TOTAL REPORTED					TOTAL REPORTED							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	95-119	120-169	170-220	> 220	< 95	95-119	120-169	170-220	> 220	
Stanton--Waynesboro	VA	0	15	0	0	0	0	16	6	1	0	0	0	0	7	6	4	4	1	0	16	23	20	14	7	3	67	
Stockton	CA	0	4	0	0	0	0	5	3	1	1	1	1	1	6	4	3	2	1	3	13	13	4	20	11	21	70	
Sumter	SC	0	0	0	0	0	0	0	3	0	0	0	0	0	3	4	1	6	2	1	14	3	19	9	18	7	56	
Syracuse	NY	0	27	3	2	0	0	32	21	2	2	1	0	0	26	5	3	4	3	3	18	77	36	49	28	40	230	
Tallahassee	FL	1	12	0	0	0	0	12	0	0	0	0	0	0	14	3	1	0	0	18	103	13	30	6	2	154		
Tampa--St. Petersburg	FL	15	37	1	1	0	0	39	10	2	1	0	0	0	13	33	6	3	1	0	44	458	79	323	245	114	1,219	
Temple	TX	12	9	2	2	1	0	14	3	0	1	0	0	0	4	9	4	3	1	1	19	54	9	31	16	19	129	
Terre Haute	IN	33	8	0	1	0	0	9	0	0	0	0	0	0	30	5	6	3	2	46	12	5	0	0	1	18		
Texarkana--Texarkana	AR	1	6	2	1	0	0	9	0	1	0	0	0	0	1	3	1	1	2	7	1	7	22	30	3	62		
Texarkana--Texarkana	TX	5	6	0	0	0	0	7	0	1	0	0	0	0	2	6	1	1	1	0	9	56	7	24	19	0	106	
Texas City	TX	16	7	2	1	1	0	12	1	0	2	1	0	0	5	10	3	2	2	1	18	61	9	29	34	21	153	
Thousand Oaks	CA	0	0	0	0	0	0	0	2	1	4	1	0	0	7	1	1	3	4	2	11	47	5	6	3	20	81	
Titusville	FL	4	7	0	0	0	0	7	2	0	0	0	0	0	2	9	3	1	0	0	14	9	3	1	2	8	23	
Toledo	MI	0	1	0	0	0	0	1	0	1	0	0	0	0	2	2	2	1	0	0	6	8	2	21	0	31	62	
Toledo	OH	0	19	3	2	0	0	24	5	0	0	0	0	0	5	4	5	6	2	2	19	85	57	69	42	76	328	
Topeka	KS	3	11	5	5	1	0	21	11	2	2	1	0	0	15	3	1	2	1	1	9	7	16	45	27	68	163	
Tracy	CA	0	1	0	0	0	0	1	0	0	0	0	0	0	2	1	2	2	2	7	1	1	0	6	16	25		
Trenton	NJ	0	12	1	1	0	0	14	5	2	1	0	0	0	9	3	2	3	4	5	17	32	30	82	33	46	224	
Tucson	AZ	19	35	5	2	0	0	42	1	0	2	0	0	0	4	38	27	45	29	29	168	42	36	81	72	104	336	
Tulsa	OK	1	15	5	4	1	0	25	31	7	10	4	1	0	53	4	2	8	5	6	26	14	60	274	164	134	645	
Turlock	CA	0	0	0	0	0	0	0	2	2	1	0	0	0	5	0	0	0	1	1	3	0	2	4	5	7	18	
Tuscaloosa	AL	10	10	2	1	0	1	14	0	0	0	0	0	0	0	9	3	2	0	0	15	7	0	3	3	1	14	
Twin Rivers--Hightstown	NJ	0	1	0	0	0	0	2	0	1	0	0	0	0	2	3	2	1	1	0	7	19	3	20	22	15	79	
Tyler	TX	5	0	0	0	0	0	0	8	2	1	0	0	0	10	12	4	3	2	1	21	44	52	59	47	8	211	
Uniontown--Connellsville	PA	0	0	0	0	0	0	0	9	4	0	0	0	0	13	4	2	1	0	0	8	6	7	15	2	3	33	
Urban Honolulu	HI	0	9	5	11	7	3	35	3	4	10	5	5	27	4	9	20	20	23	77	2	7	30	16	24	80		
Utica	NY	0	21	2	1	0	0	25	18	5	5	2	0	0	29	8	4	6	2	1	21	37	27	37	9	7	116	
Vacaville	CA	0	4	0	0	0	0	5	0	0	0	0	0	0	0	1	1	1	1	5	0	0	0	0	17	17		
Valdosta	GA	0	20	1	0	0	0	20	0	0	0	0	0	0	29	5	6	2	2	43	6	3	2	0	0	11		
Vallejo	CA	0	4	3	2	0	0	9	1	1	1	0	0	0	3	1	2	6	3	2	14	0	0	3	5	49	56	
Victoria	TX	1	0	0	0	0	0	0	9	2	1	0	0	0	12	6	3	2	1	1	12	39	7	13	9	7	74	
Victorville--Hesperia	CA	0	10	2	1	0	0	14	0	0	0	0	0	0	8	4	2	3	0	17	24	20	131	88	67	329		
Villas	NJ	0	0	0	0	0	0	0	3	1	0	0	0	0	5	1	1	2	1	2	6	7	11	34	13	1	66	
Vineland	NJ	0	0	0	0	0	0	0	4	1	1	0	0	1	8	1	1	1	1	5	4	17	52	31	15	119		
Virginia Beach	VA	16	52	22	14	4	1	84	19	11	6	2	1	1	40	120	73	108	63	35	399	49	59	133	108	66	414	
Visalia	CA	0	0	0	0	0	0	0	6	3	4	1	0	0	14	5	4	5	1	2	17	28	18	41	16	22	125	
Waco	TX	1	10	2	1	1	0	14	8	1	1	1	1	1	11	8	3	2	0	1	14	30	61	62	47	82	282	
Waldorf	MD	1	0	0	0	0	0	0	4	0	0	0	0	0	5	21	3	2	1	0	26	16	9	11	3	2	41	
Walla Walla	OR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	1	0	0	0	7	13	2	1	0	0	17	
Walla Walla	WA	4	0	0	0	0	0	0	7	0	0	0	0	0	8	3	0	1	1	4	10	2	4	6	9	8	28	
Warner Robins	GA	0	10	3	4	1	0	18	0	0	0	0	0	0	0	28	8	5	1	1	43	26	1	2	2	1	33	
Washington	DC	0	0	0	6	1	1	8	0	0	6	2	2	2	10	0	0	2	1	33	36	2	0	2	159	164		
Washington	MD	0	24	2	1	1	1	29	10	3	2	0	1	1	16	22	9	9	4	4	47	39	96	134	74	45	387	
Washington	VA	7	68	17	10	2	0	98	73	15	13	3	1	104	74	51	67	44	38	274	66	109	195	85	80	535		
Waterbury	CT	0	3	1	1	0	1	6	3	1	1	0	0	0	5	0	1	2	2	3	7	2	9	20	21	41	94	
Waterloo	IA	19	6	0	0	0	0	6	0	0	0	0	0	0	0	15	12	19	5	6	57	0	0	0	0	8	8	
Watertown	NY	0	7	0	0	0	0	8	0	0	0	0	0	0	0	4	2	1	1	1	9	37	10	8	2	0	56	
Watsonville	CA	0	0	0	0	0	0	0	3	0	0	0	0	0	4	0	0	1	1	1	4	4	1	4	3	2	14	
Wausau	WI	0	6	1	0	0	0	7	5	2	1	0	0	0	8	2	0	1	1	1	5	0	13	15	16	19	63	
Weirton--Steubenville	OH	0	0	0	0	0	0	0	12	1	1	0	0	0	13	4	2	4	0	1	11	6	3	5	10	9	32	
Weirton--Steubenville	PA	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Weirton--Steubenville	WV	6	0	0	0	0	0	0	1	1	2	1	0	0	5	10	4	3	1	0	20	8	1	8	8	9	34	
Wenatchee	WA	0	0	0	0	0	0	0	16	1	1	0	0	0	18	10	3	3	1	1	18	16	8	19	8	7	59	
West Bend	WI	0	0	0	0	0	0	0	1	1	1	1	1	0	3	0	0	1	0	1	3	1	0	0	19	14	34	
Westminster--Eidersburg	MD	1	0	0	0	0	0	0	0	0	0	0	0	0	0	11	2	3	1	1	18	6	9	3	1	6	25	
Wheeling	OH	0	10	1	0	0	0	11	4	1	1	0	0	0	7	2	1	1	0	0	5	4	3	3	5	6	20	
Wheeling	WV	4	6	0	0	0	0	7	0	0	0	0	0	1	2	8	5	6	5	3	27	1	2	14	2	21	40	
Wichita	KS	5	32	2	2	1	0	36	21	3	6	3	0	0	34	8	1	1	1	0	11	64	14	89	39	25	230	
Wichita Falls	TX	1	3	1	2	0	0	6	4	2	2	0	0	0	8	9	5	4	2	1	21	23	4	43	42	36	148	
Williamsburg	VA	0	11	2	4	0	0	17	0	0	0	0	0	0	0	20	9	6	2	0	37	11	9	11	7	3	43	
Williamsport	PA	0	8	0	1	0	0	10	2	0	0	0	0	0	3	2	0	1	1	1	5	17	8	10	4	2	41	
Wilmington	NC	2	8	2	1	0	0	11	8	2	3	1	0	0	14	27	22	28	12	6	95	27	18	21	10	7	83	
Winchester	VA	1	16	0	0	0	0	16	8	0	0	0	0	0	9	27	7	8	4	1	47	6	8	4	1	1	20	
Winston-Salem	NC	8	32	7	4	1	0	44	37	18	15	2	1	74	18	14	10	3	2	46	65	41	45</					

FUNCTIONAL SYSTEM LENGTH - 2015

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 2014 data.
- (4) Column contains unreported IRI/PSR data for all displayed functional systems.
- (5) Estimated from sample data.