

FUNCTIONAL SYSTEM LENGTH - 2016

MILES BY MEASURED PAVEMENT ROUGHNESS / PRESENT SERVICEABILITY RATING

OCTOBER 2017

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	MD	0	19	1	1	0	0	0	20	8	2	1	0	0	11	21	10	8	2	2	2	43	38	18	18	6	1	81
Aberdeen, TX	TX	7	14	1	0	0	0	0	15	14	1	2	0	0	18	20	9	14	7	6	56	74	37	25	18	14	167	
Aguadilla--Isabela--San Sebastian, PR	PR	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	0	
Akron, OH	OH	0	11	2	2	0	0	0	16	8	1	2	1	0	12	6	2	5	2	5	20	69	47	35	65	109	325	
Albany, GA	GA	40	0	0	0	0	0	0	40	5	1	1	0	0	7	30	4	3	1	0	38	9	9	5	2	1	26	
Albany, OR	OR	0	3	4	1	0	0	0	8	0	0	0	0	0	0	8	4	3	1	0	16	43	24	21	8	1	97	
Albany--Schenectady, NY	NY	38	62	12	7	4	2	86	13	4	3	1	1	22	67	45	50	21	13	196	19	11	11	9	3	52		
Albuquerque, NM	NM	2	59	4	3	1	0	67	0	0	0	0	0	0	99	35	75	43	33	285	10	30	65	30	37	172		
Alexandria, LA	LA	2	5	3	2	0	0	11	4	1	2	1	2	10	16	8	6	2	3	36	7	11	19	8	8	53		
Allentown, PA--NJ	NJ	0	5	0	0	0	0	5	0	0	0	0	0	0	0	0	1	3	1	2	7	6	4	19	8	4	42	
Allentown, PA--NJ	PA	3	23	14	7	3	2	49	22	5	6	3	0	35	43	38	53	30	20	183	32	42	50	30	35	189		
Alton, IL--MO	IL	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	0	
Alton, IL--MO	MO	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	0	
Altoona, PA	PA	0	12	1	1	0	0	14	0	0	0	0	0	0	15	10	8	3	3	38	10	9	6	4	5	34		
Amarillo, TX	TX	4	18	4	5	1	0	27	6	0	0	0	0	7	40	15	13	4	1	73	203	35	16	0	28	282		
Ames, IA	IA	5	2	0	0	0	0	2	0	0	0	0	0	0	2	1	2	1	2	8	0	0	0	0	0	0	0	
Anchorage, AK	AK	4	17	1	1	0	0	20	0	0	0	0	0	0	8	7	9	4	3	31	11	9	11	7	5	43		
Anderson, IN	IN	4	10	3	4	2	1	19	0	0	0	0	0	0	21	6	7	4	3	41	25	19	18	13	7	83		
Anderson, SC	SC	2	0	0	0	0	0	0	0	0	0	0	0	0	5	5	7	1	0	18	2	15	19	14	6	57		
Ann Arbor, MI	MI	74	23	2	1	0	0	26	19	2	2	1	0	24	20	13	18	11	14	76	0	0	0	0	0	0	0	
Anniston--Oxford, AL	AL	0	13	0	0	0	0	14	0	0	0	0	0	0	33	3	2	0	0	38	37	12	21	13	17	101		
Antioch, CA	CA	0	0	0	0	0	0	0	7	6	5	1	1	20	1	2	13	15	16	46	0	2	18	14	25	60		
Appleton, WI	WI	0	13	1	8	2	0	25	0	3	8	2	1	14	10	13	20	11	12	65	11	3	51	22	52	139		
Arecibo, PR	PR	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	0	
Arroyo Grande--Grover Beach, CA	CA	0	0	0	0	0	0	0	10	2	1	0	0	14	2	2	3	2	1	9	9	8	11	1	9	37		
Asheville, NC	NC	5	55	7	10	3	1	75	19	2	1	0	1	23	46	30	20	6	9	111	35	25	24	13	16	113		
Athens--Clarke County, GA	GA	24	0	0	0	0	0	0	9	4	3	0	0	17	29	7	3	1	1	40	22	6	12	1	2	44		
Atlanta, GA	GA	295	248	28	18	5	2	301	52	8	7	3	1	70	381	83	75	25	17	581	371	110	91	34	36	642		
Atlantic City, NJ	NJ	0	0	0	0	0	0	0	9	2	2	1	0	13	4	3	5	4	7	22	89	21	92	43	37	284		
Auburn, AL	AL	0	16	0	0	0	0	16	0	0	0	0	0	0	19	5	5	2	1	32	21	20	31	8	7	88		
Augusta--Richmond County, GA--SC	GA	80	22	4	2	1	0	29	2	1	3	1	0	6	49	9	7	2	2	69	19	10	4	1	0	35		
Augusta--Richmond County, GA--SC	SC	1	4	1	3	1	1	10	0	0	0	0	0	0	5	4	3	1	0	13	15	28	23	5	9	80		
Austin, TX	TX	14	48	3	1	0	0	52	85	28	15	1	0	128	133	33	32	21	45	263	496	83	510	122	90	1,302		
Avondale--Goodyear, AZ	AZ	44	15	1	1	0	0	17	0	0	0	0	0	0	9	3	0	0	0	12	31	22	33	4	0	90		
Bakersfield, CA	CA	0	0	0	0	0	0	0	22	6	7	2	1	37	37	36	48	21	17	158	49	30	51	37	24	192		
Baltimore, MD	MD	2	103	12	12	6	3	136	104	17	17	6	3	147	79	36	73	57	106	351	72	114	197	96	190	670		
Bangor, ME	ME	0	10	0	0	0	4	0	15	0	0	0	0	0	1	9	4	2	6	21	5	9	16	12	3	46		
Barnstable Town, MA	MA	0	9	0	0	0	0	10	10	4	3	0	0	17	3	3	3	2	1	13	0	0	0	0	0	0	0	
Baton Rouge, LA	LA	17	25	13	11	3	2	54	0	0	0	0	0	0	69	30	61	43	36	238	14	33	66	50	64	228		
Battle Creek, MI	MI	26	14	1	1	0	0	16	0	0	0	0	0	0	8	6	8	5	3	30	0	0	0	0	0	0	0	
Bay City, MI	MI	30	6	1	0	0	0	7	5	2	1	0	0	7	9	4	6	6	5	29	0	0	0	0	0	0	0	
Beaumont, TX	TX	4	9	4	3	0	0	17	9	2	3	1	0	15	12	6	14	8	11	52	35	0	52	14	48	149		
Beckley, WV	WV	2	8	1	1	0	0	9	0	0	0	0	0	0	13	6	4	1	1	25	56	9	46	13	10	133		
Bellingham, WA	WA	0	7	4	6	1	0	18	0	0	0	0	0	2	1	2	2	2	10	6	12	24	17	20	78			
Beloit, WI--IL	IL	0	3	0	0	0	0	3	0	0	0	0	0	0	1	5	6	0	0	12	6	0	10	0	1	17		
Beloit, WI--IL	WI	0	6	0	1	0	0	7	0	0	0	0	0	0	2	2	7	4	5	20	0	6	12	13	5	37		
Bend, OR	OR	0	0	0	0	0	0	0	0	0	0	0	0	0	16	5	6	1	1	30	87	15	14	0	0	117		
Benton Harbor--St. Joseph--Fair Plain, MI	MI	14	9	4	4	1	1	19	0	0	0	0	0	0	10	6	8	5	4	33	0	0	0	1	0	2		
Billings, MT	MT	0	4	0	1	0	0	5	0	0	0	0	0	0	2	2	2	2	4	12	18	8	13	7	5	51		
Brighampton, NY--PA	NY	26	20	1	2	2	1	26	3	1	2	2	0	7	6	3	2	1	0	12	39	39	40	18	11	146		
Brighampton, NY--PA	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	0	
Birmingham, AL	AL	3	106	12	20	10	2	150	0	1	0	0	0	2	114	22	21	14	8	178	157	81	100	47	61	445		
Bismarck, ND	ND	15	14	0	1	0	0	16	0	0	0	0	0	0	9	4	5	3	2	22	0	0	0	0	0	0	0	
Blacksburg, VA	VA	0	3	1	0	0	0	5	11	1	0	0	0	12	6	3	4	2	1	16	9	8	11	3	1	31		
Bloomington, IN	IN	1	0	0	0	0	0	0	0	0	0	0	0	0	16	2	2	1	1	20	6	4	2	4	4	20		
Bloomington--Normal, IL	IL	0	25	8	0	0	0	32	3	0	0	0	0	3	13	8	5	5	1	33	17	4	44	24	25	114		
Bloomsburg--Berwick, PA	PA	0	11	1	1	0	0	13	0	0	0	0	0	0	20	4	3	1	0	29	14	0	3	11	8	35		
Boise City, ID	ID	11	18	3	1	0	0	22	5	0	0	0	0	6	57	24	25	9	7	122	237	9	76	29	10	360		
Bonita Springs, FL	FL	0	14	0	0	0	0	14	0	0	0	0	0	0	15	1	1	0	0	18	112	10	24	2	1	149		
Boston, MA--NH--RI	MA	9	240	11	13	5	6	275	58	9	6	1	1	75	7	13	30	25	24	99	0	0	0	0	0	0	0	
Boston, MA--NH--RI	NH	0	8	0	0	0	0	8	1	0	0	0	0	1	6	2	2	2	1	13	18	7	14	6	4	48		
Boston, MA--NH--RI	RI	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	0	
Boulder, CO	CO	0	0	0	0	0	0	0	7	3	3	1	1	14	7	3	6	5	4	24	4	6	10	10	16	46		
Bowling Green, KY	KY	1	7	0	0	0	0																					

FUNCTIONAL SYSTEM LENGTH - 2016

MILES BY MEASURED PAVEMENT ROUGHNESS / PRESENT SERVICEABILITY RATING

TABLE HM-73

SHEET 2 OF 8

OCTOBER 2017

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	TOTAL REPORTED
Bristol-Bristol, TN--VA	VA	0	23	1	0	0	0	24	0	0	0	0	0	0	3	2	5	2	0	12	10	8	8	3	2	31
Brownsville, TX	TX	18	13	2	2	0	0	16	6	1	2	0	0	8	28	14	15	6	7	70	62	25	73	11	189	
Brunswick, GA	GA	36	10	1	1	0	0	12	0	0	0	0	0	13	5	4	1	0	24	8	1	1	1	0	11	
Buffalo, NY	NY	50	42	11	11	4	0	68	27	9	14	10	3	63	95	68	72	24	18	276	189	96	128	26	491	
Burlington, NC	NC	0	18	1	0	0	0	19	0	0	0	0	0	0	4	6	8	4	4	26	13	15	18	7	6	
Burlington, VT	VT	4	23	2	1	0	0	26	4	1	2	0	0	8	9	7	8	3	5	32	19	13	14	4	52	
Campanillo, CA	CA	0	0	0	0	0	0	0	1	2	2	1	0	7	1	4	6	6	2	18	14	1	9	1	6	
Canton, OH	OH	0	10	0	1	0	0	11	8	2	2	1	0	13	13	2	4	3	5	27	108	21	28	17	268	
Cape Coral, FL	FL	0	11	0	0	0	0	12	2	1	0	0	0	4	29	5	3	1	0	38	126	4	161	14	313	
Cape Girardeau, MO--IL	IL	0	0	0	0	0	0	0	2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	
Cape Girardeau, MO--IL	MO	3	11	0	0	0	0	11	0	1	0	0	0	2	3	1	0	1	0	5	0	0	0	0	1	
Carbondale, IL	IL	0	4	0	0	0	0	4	0	0	0	0	0	0	24	8	4	2	0	39	4	0	36	0	49	
Carson City, NV	NV	0	3	0	0	0	0	3	2	0	0	0	0	2	6	0	0	0	0	6	13	7	5	1	28	
Cartersville, GA	GA	12	10	0	0	0	0	11	0	0	0	0	0	0	22	3	1	1	1	28	30	11	8	2	52	
Casa Grande, AZ	AZ	12	10	1	2	0	0	13	0	0	0	0	0	0	0	0	0	0	0	1	8	6	4	1	20	
Casper, WY	WY	7	9	0	2	1	0	12	2	1	0	0	0	3	15	6	6	3	2	32	82	16	19	1	120	
Cedar Rapids, IA	IA	22	17	0	0	0	0	18	0	0	0	0	0	0	13	7	11	5	6	42	0	0	0	0	0	
Chambersburg, PA	PA	0	11	0	0	0	0	12	0	0	0	0	0	0	17	3	5	1	1	27	0	0	0	0	0	
Champaign, IL	IL	0	22	1	0	0	0	23	0	0	0	0	0	0	10	10	14	6	3	42	8	5	23	4	17	
Charleston, WV	WV	2	24	2	2	0	1	29	0	0	0	0	0	0	33	10	10	3	1	59	38	26	23	11	125	
Charleston-North Charleston, SC	SC	3	15	3	2	0	0	21	4	1	1	0	0	7	13	5	5	1	1	25	49	26	42	9	136	
Charlotte, NC--SC	NC	14	101	21	16	3	1	142	4	1	1	1	1	8	70	50	51	18	23	212	59	87	91	64	311	
Charlotte, NC--SC	SC	0	7	0	0	0	0	7	0	0	0	0	0	0	1	4	8	3	1	17	6	7	8	5	3	
Charlottesville, VA	VA	0	7	0	0	0	0	8	3	2	1	0	0	6	6	4	6	4	1	22	4	4	13	6	4	
Chattanooga, TN--GA	GA	22	8	1	1	1	0	10	0	0	0	0	0	0	13	1	1	0	0	16	11	11	12	4	40	
Chattanooga, TN--GA	TN	9	12	1	1	0	0	14	14	1	2	1	1	19	13	7	5	1	2	27	132	93	123	53	440	
Cheyenne, WY	WY	1	20	7	4	2	1	33	0	0	0	0	0	0	18	5	4	3	2	33	92	13	16	14	148	
Chicago, IL--IN	IL	0	237	80	51	3	2	373	13	9	9	2	0	33	323	338	480	220	185	1,546	292	157	953	562	2,077	
Chicago, IL--IN	IN	14	22	10	8	2	1	42	2	0	1	0	0	4	96	29	40	22	16	203	10	27	65	40	172	
Chicago, CA	CA	0	0	0	0	0	0	0	0	0	0	0	0	0	12	4	6	5	6	33	21	3	11	6	44	
Cincinnati, OH--KY--IN	IN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1	0	
Cincinnati, OH--KY--IN	KY	1	33	2	3	1	0	40	1	0	0	0	0	1	12	8	9	5	7	40	43	18	37	24	11	
Cincinnati, OH--KY--IN	OH	0	14	2	3	1	0	20	10	2	2	1	0	16	5	4	8	3	4	25	268	111	204	88	117	
Clarksville, TN--KY	KY	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3	0	0	0	0	0	
Clarksville, TN--KY	TN	1	9	0	0	0	0	9	0	0	0	0	0	0	15	1	1	0	0	18	85	13	12	15	3	
Cleveland, OH	OH	0	21	4	3	1	0	29	11	3	1	1	0	17	4	4	6	6	8	29	129	49	215	121	292	
Cleveland, TN	TN	0	8	0	0	0	0	8	4	0	0	0	0	4	14	2	0	0	0	17	57	68	18	1	0	
Coeur d'Alene, ID	ID	7	13	1	1	0	0	16	0	0	0	0	0	0	12	2	2	1	1	18	90	28	36	10	6	
College Station-Bryan, TX	TX	1	0	0	0	0	0	0	17	2	1	0	0	19	28	12	18	8	2	67	43	21	51	60	49	
Colorado Springs, CO	CO	0	23	5	5	1	0	35	21	11	11	5	1	48	37	29	51	36	32	186	20	32	53	49	54	
Columbia, MO	MO	2	7	0	1	0	0	8	8	0	0	0	0	8	4	2	2	1	0	9	6	7	21	11	7	
Columbia, SC	SC	0	8	4	6	1	1	21	2	1	1	0	0	5	5	4	6	2	1	18	55	56	85	32	16	
Columbus, GA--AL	AL	0	0	0	0	0	0	0	2	0	0	0	0	2	18	2	2	1	0	23	16	4	9	7	4	
Columbus, GA--AL	GA	59	9	2	2	0	0	12	10	3	3	0	0	16	26	5	6	2	1	41	15	2	3	0	20	
Columbus, IN	IN	4	13	1	1	0	0	14	0	0	0	0	0	0	15	4	3	1	0	23	22	5	8	3	1	
Columbus, OH	OH	0	10	2	4	2	0	17	12	1	2	0	0	15	20	7	7	3	3	41	257	95	174	112	66	
Concord, CA	CA	0	17	9	8	4	3	40	6	4	4	3	2	19	0	5	26	29	39	100	3	15	50	54	54	
Concord, NC	NC	5	22	6	5	1	1	34	0	0	0	0	0	0	34	20	10	2	4	70	42	30	23	12	5	
Conroe-The Woodlands, TX	TX	4	13	8	4	0	0	25	0	0	0	0	0	0	15	12	12	5	5	47	137	12	75	33	29	
Conway, AR	AR	4	17	0	1	0	0	18	0	0	0	0	0	0	6	3	4	1	2	17	32	35	82	20	5	
Corpus Christi, TX	TX	14	17	1	1	0	0	19	26	3	6	0	0	36	14	10	13	8	25	69	156	57	45	9	13	
Corvallis, OR	OR	0	0	0	0	0	0	0	0	0	0	0	0	0	13	4	5	2	1	25	55	12	24	0	0	
Cumberland, MD--WV--PA	MD	0	10	1	2	1	0	14	0	0	0	0	0	0	14	4	2	1	0	21	15	9	14	6	4	
Cumberland, MD--WV--PA	PA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1	0	
Cumberland, MD--WV--PA	WV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Dallas-Fort Worth-Arlington, TX	TX	41	136	65	79	21	4	305	125	84	92	21	4	326	98	126	287	205	265	981	1,294	900	1,370	373	337	
Dalton, GA	GA	27	15	0	0	0	0	16	0	0	0	0	0	0	17	4	3	1	1	26	31	5	4	0	0	
Danbury, CT--NY	CT	0	7	1	2	0	0	10	4	0	0	0	0	5	2	3	2	1	0	9	19	20	27	28	21	
Danbury, CT--NY	NY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Danville, IL	IL	0	5	4	0	0	0	8	0	0	0	0	0	0	9	11	5	3	0	29	3	4	3	4	2	
Daphne-Fairhope, AL	AL	0	9	0	0	0	0	9	0	0	0	0	0	0	18	1	1	0	0	19	43	18	11	5	2	
Davenport, IA--IL	IL	0	37	3	0	0	0	40	0	3	0	0	0	3	24	14	15	7	4	64	18	2	19	26	19	
Davenport, IA--IL	IA	21	25	2	2	0	0	30	0	0	0	0	0	0	4	3	4	2	4	16	0	0	0	0	0	
Davis, CA	CA	0	4	0	0	0	0	5	4	0	0	0	0	5	0	0	2	1	1	5	0	1	12	10	8	
Dayton, OH	OH	0	15	5	2	0	0	22	9	1	1	0	0	12	14	8	10	5	3	39	88	127	124	95	56	
Decatur, AL	AL	0	7	0	0	0	0	7	0	0	0	0	0	0	40	4	3	2	1	51	5	14	16	9	10	
Decatur, IL	IL	0	13	0	0	0	0	13	4	0	1	4	0	9	16	8	21	6	1							

FUNCTIONAL SYSTEM LENGTH - 2016

MILES BY MEASURED PAVEMENT ROUGHNESS / PRESENT SERVICEABILITY RATING

OCTOBER 2017

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					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	
Delano, CA	CA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32	
Deltona, FL	FL	0	9	1	0	0	0	10	0	0	0	0	0	0	0	16	49	2	83	1	1	1	1	1	136	
Denton-Lewisville, TX	TX	9	13	7	10	3	1	34	1	2	2	1	0	6	14	12	26	15	6	73	226	71	72	14	26	409
Denver-Aurora, CO	CO	0	58	27	28	5	1	119	87	33	28	7	3	158	72	80	160	96	88	497	41	63	191	162	207	664
Des Moines, IA	IA	32	38	9	6	1	0	55	0	0	0	0	0	0	11	11	19	9	7	58	1	0	0	0	0	1
Detroit, MI	MI	242	144	39	36	11	4	235	54	16	10	2	1	83	169	177	296	216	240	1,099	7	0	1	3	0	11
Dothan, AL	AL	0	0	0	0	0	0	0	0	0	0	0	0	0	48	4	4	2	2	59	46	19	26	12	12	114
Dover, DE	DE	0	0	0	0	0	0	0	6	1	1	0	0	8	4	1	0	0	0	5	31	11	10	2	2	56
Dover-Rochester, NH-ME	ME	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
Dover-Rochester, NH-ME	NH	0	0	0	0	0	0	0	17	0	0	0	0	17	3	11	1	1	1	6	27	20	13	10	5	75
Dubuque, IA-IL	IL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	0	0	0	6	0	0	3	0	3
Dubuque, IA-IL	IA	13	0	0	0	0	0	0	0	0	0	0	0	0	1	2	7	2	3	15	0	0	0	0	1	1
Duluth, MN-WI	MN	1	4	1	2	1	2	10	0	0	0	0	0	0	16	7	7	2	1	33	4	1	4	1	1	11
Duluth, MN-WI	WI	0	0	0	0	0	0	0	0	2	1	0	0	0	3	1	1	5	3	12	5	0	2	8	8	23
Durham, NC	NC	9	40	3	0	0	0	43	20	8	3	1	1	33	18	17	23	12	16	86	28	37	35	14	13	127
East Stroudsburg, PA-NJ	NJ	0	1	1	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
East Stroudsburg, PA-NJ	PA	0	10	1	1	0	1	13	0	0	0	0	0	0	1	1	3	1	1	8	0	8	11	7	14	40
Eau Claire, WI	WI	0	7	5	1	0	0	13	14	7	3	1	0	26	9	6	7	3	2	26	12	2	25	32	5	78
El Centro-Calexico, CA	CA	0	5	0	0	0	0	5	0	0	0	0	0	0	8	6	12	7	10	43	21	5	7	1	10	44
Elizabethtown-Radcliff, KY	KY	14	3	0	0	0	0	3	1	0	0	0	0	1	15	3	1	0	0	19	6	2	3	0	0	12
Elkhart, IN-MI	IN	17	0	0	0	0	0	0	2	5	2	0	0	9	43	14	17	8	6	88	13	19	22	8	5	68
Elkhart, IN-MI	MI	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Elmira, NY	NY	7	10	2	1	1	1	14	3	0	0	0	0	0	22	5	4	3	2	36	12	10	13	5	1	30
El Paso, TX-NM	NM	0	6	0	0	0	0	6	0	0	0	0	0	0	10	2	1	1	1	14	13	4	7	4	1	30
El Paso, TX-NM	TX	16	19	11	10	2	0	41	40	12	7	1	0	60	39	29	57	38	30	192	77	17	179	149	59	481
El Paso de Robles (Paso Robles)-Atascadero, CA	CA	0	0	0	0	0	0	0	18	1	0	0	0	20	5	2	3	2	1	14	8	7	18	20	14	68
Erie, PA	PA	0	12	0	0	0	0	12	0	0	0	0	0	0	23	11	17	6	6	64	40	19	22	8	20	110
Eugene, OR	OR	0	13	1	0	0	0	15	11	4	1	0	0	16	16	9	9	4	2	39	213	43	20	11	4	292
Evansville, IN-KY	IN	4	8	6	3	1	0	18	0	0	0	0	0	0	20	10	14	6	2	52	17	15	18	7	3	60
Evansville, IN-KY	KY	1	0	0	0	0	0	0	3	0	0	0	1	0	4	6	2	4	3	1	16	9	4	4	2	20
Fairbanks, AK	AK	1	9	7	4	1	0	21	0	0	0	0	0	0	6	4	3	1	1	15	8	7	9	8	6	37
Fairfield, CA	CA	0	15	1	1	0	0	17	2	0	1	0	0	3	0	3	9	6	9	28	8	4	13	2	12	39
Fajardo, PR	PR	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
Fargo, ND-MN	MN	0	6	0	0	0	0	6	0	0	0	0	0	0	4	3	3	1	1	11	11	1	0	1	0	13
Fargo, ND-MN	ND	12	13	2	0	0	0	16	0	0	0	0	0	0	1	2	5	5	2	1	11	0	16	1	0	32
Farmington, NM	NM	0	0	0	0	0	0	0	0	0	0	0	0	0	9	5	9	3	3	30	2	7	9	6	8	23
Fayetteville, NC	NC	7	10	1	0	0	0	11	18	3	2	0	0	23	49	19	21	6	8	103	60	42	40	12	6	159
Fayetteville-Springdale-Rogers, AR-MO	AR	19	27	4	2	1	0	34	2	1	1	0	0	3	22	22	18	8	9	78	0	64	73	86	41	263
Fayetteville-Springdale-Rogers, AR-MO	MO	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
Flagstaff, AZ	AZ	14	11	5	3	1	0	20	0	0	0	0	0	0	5	1	1	0	1	8	3	1	1	0	1	6
Flint, MI	MI	47	42	4	8	5	2	62	9	4	2	0	0	15	16	19	32	19	31	117	0	0	0	0	0	1
Florence, AL	AL	0	0	0	0	0	0	0	0	0	0	0	0	0	41	3	3	2	1	50	12	9	16	14	18	69
Florence, SC	SC	0	8	2	2	0	0	12	1	1	1	0	0	2	5	2	1	0	0	7	10	21	31	9	8	78
Florida-Imberty-Barceloneta, PR	PR	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
Fond du Lac, WI	WI	0	6	2	1	0	0	8	0	1	2	0	0	3	2	4	6	3	6	20	30	12	5	8	11	66
Fort Collins, CO	CO	0	14	2	2	1	0	19	1	1	3	0	0	6	20	6	9	5	3	43	55	37	50	26	20	187
Fort Smith, AR-OK	AR	6	22	6	4	1	0	32	4	1	1	0	0	6	3	2	14	12	9	41	28	3	81	63	9	183
Fort Smith, AR-OK	OK	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	1	0	0	4	0	0	0	0	0	6
Fort Walton Beach-Navarre-Wright, FL	FL	0	0	0	0	0	0	0	0	0	0	0	0	0	17	2	0	0	0	19	44	7	9	0	0	60
Fort Wayne, IN	IN	4	19	3	4	3	1	30	5	0	1	0	0	6	20	7	9	5	4	45	22	18	21	16	32	110
Frederick, MD	MD	0	23	1	1	0	0	25	15	0	1	0	0	16	10	2	2	1	0	16	7	8	16	11	10	51
Fredericksburg, VA	VA	0	12	0	0	0	0	13	0	0	0	0	0	0	15	9	10	3	1	38	12	5	10	6	3	36
Fresno, CA	CA	0	0	0	0	0	0	0	30	12	8	1	0	50	22	18	37	22	21	120	20	41	91	90	52	294
Gadsden, AL	AL	0	11	2	0	0	0	15	0	0	0	0	0	0	50	4	4	1	1	59	25	12	15	5	5	62
Gainesville, FL	FL	0	7	1	0	0	0	8	0	0	0	0	0	0	11	2	2	0	0	15	38	7	72	0	0	118
Gainesville, GA	GA	13	14	1	1	0	0	15	1	0	0	0	0	1	39	8	7	3	1	58	37	16	12	2	3	70
Gastonia, NC-SC	NC	1	22	1	0	0	0	24	8	0	0	0	0	8	12	16	24	9	8	69	22	34	59	21	14	149
Gastonia, NC-SC	SC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Gilroy-Morgan Hill, CA	CA	0	0	0	0	0	0	0	3	3	3	4	3	15	1	4	5	4	5	18	1	4	4	14	18	42
Glens Falls, NY	NY	9	17	0	0	0	0	18	0	0	0	0	0	0	19	11	8	3	1	42	1	3	6	7	3	20
Goatsboro, NC	NC	10	8	0	0	0	0	8	3	1	0	0	0	11	10	2	3	1	1	17	25	19	20	6	8	78
Grand Forks, ND-MN	MN	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	5	1	2	1	1	1	5
Grand Forks, ND-MN	ND	7	3	1	1	0	0	5	0	0	0	0	0	0	3	2	2	1	1	9	0	0	5	0	0	5
Grand Island, NE	NE	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
Grand Junction, CO	CO	0	23	1	1	0	0	25	0	0	0	0	0</													

FUNCTIONAL SYSTEM LENGTH - 2016

MILES BY MEASURED PAVEMENT ROUGHNESS / PRESENT SERVICEABILITY RATING

OCTOBER 2017

TABLE HM-73
SHEET 4 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 <=2.0	TOTAL REPORTED
Greeley, CO	CO	0	0	0	0	0	0	16	4	4	1	1	27	3	5	7	3	1	18	16	11	24	17	16	85	
Green Bay, WI	WI	0	20	2	1	0	0	23	16	7	5	2	0	30	9	7	14	8	19	57	32	5	33	34	156	
Greensboro, NC	NC	9	36	14	5	0	0	55	27	7	3	0	0	38	18	15	18	6	6	63	34	35	75	31	190	
Greenville, NC	NC	2	0	0	0	0	0	0	8	0	0	0	0	9	18	4	7	2	3	34	6	8	21	11	51	
Greenville, SC	SC	2	15	3	1	1	0	19	2	3	2	0	1	8	4	3	4	2	1	15	64	65	98	31	279	
Guayama, PR	PR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Gulfport, MS	MS	0	30	1	1	0	0	33	1	0	1	0	0	2	32	10	10	3	2	57	31	23	36	17	132	
Hagerstown, MD--WV--PA	MD	1	20	1	2	1	0	23	0	0	0	0	0	0	13	4	4	2	1	24	26	6	16	9	63	
Hagerstown, MD--WV--PA	PA	0	5	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	0	0	0	0	
Hagerstown, MD--WV--PA	WV	0	9	1	0	0	0	11	0	0	0	0	0	0	3	2	3	2	1	11	7	10	12	3	39	
Hammond, LA	LA	1	28	2	2	1	0	32	0	0	0	0	0	0	7	2	3	3	2	16	12	23	10	3	52	
Hanford, CA	CA	0	0	0	0	0	0	0	12	1	0	0	0	14	6	3	4	2	1	15	21	6	11	3	9	
Hanover, PA	PA	0	0	0	0	0	0	0	2	4	1	0	0	7	20	6	5	2	1	34	5	1	4	5	18	
Hartford, CT	CT	0	21	2	1	0	0	23	18	2	3	0	0	23	10	7	11	4	4	37	65	77	150	90	458	
Hattiesburg, MS	MS	0	8	1	1	0	0	10	0	0	0	0	0	0	16	2	3	2	2	25	10	10	14	12	64	
Hazleton, PA	PA	0	5	3	2	0	0	10	0	0	0	0	0	0	6	3	4	2	2	18	14	7	2	6	32	
Hemet, CA	CA	0	0	0	0	0	0	0	0	0	0	0	0	0	3	5	8	5	4	25	10	7	14	2	37	
Hickory, NC	NC	5	36	2	1	0	0	39	8	0	0	0	0	8	45	27	22	7	9	110	74	55	38	14	190	
High Point, NC	NC	6	17	3	8	1	0	29	14	2	0	0	0	16	7	12	15	5	8	48	27	12	60	16	134	
Hilton Head Island, SC	SC	4	0	0	0	0	0	0	0	0	0	0	0	0	5	2	0	0	0	7	1	3	6	2	13	
Hinesville, GA	GA	9	0	0	0	0	0	0	0	0	0	0	0	0	11	0	1	0	0	12	12	3	4	1	19	
Holland, MI	MI	44	11	0	0	0	0	11	0	0	1	1	0	3	11	4	5	3	2	25	0	0	0	0	0	
Homosassa Springs--Beverly Hills--Citrus Springs, F	FL	0	0	0	0	0	0	0	0	0	0	0	0	0	13	2	0	0	0	15	39	1	15	1	57	
Hot Springs, AR	AR	3	0	0	0	0	0	0	5	5	4	1	1	16	1	3	10	11	10	35	3	4	35	54	7	103
Houma, LA	LA	10	0	0	0	0	0	0	7	3	3	1	0	13	12	11	10	4	4	47	57	19	16	17	127	
Houston, TX	TX	63	68	57	62	15	4	206	93	74	99	31	8	306	153	111	173	114	179	729	1,625	312	1,114	392	477	3,919
Huntington, WV--KY--OH	KY	1	0	0	0	0	0	0	0	0	0	0	0	0	30	4	3	1	0	38	9	6	7	2	1	25
Huntington, WV--KY--OH	OH	0	0	0	0	0	0	0	9	1	1	0	0	11	7	1	0	0	0	9	18	1	3	1	2	25
Huntington, WV--KY--OH	WV	1	9	1	1	0	0	11	0	0	0	0	0	1	20	10	12	5	3	50	21	9	26	23	4	83
Huntsville, AL	AL	0	13	0	0	0	0	14	9	1	1	0	0	13	63	9	7	1	1	81	27	37	36	22	15	138
Idaho Falls, ID	ID	4	4	0	0	0	0	5	7	1	1	0	0	8	10	6	6	4	4	30	59	24	36	8	0	127
Indianapolis, IN	IN	83	92	23	19	6	3	143	14	3	2	1	0	20	108	42	52	30	35	267	243	91	167	101	60	662
Indio--Cathedral City, CA	CA	0	22	4	1	0	0	27	6	0	0	0	0	6	13	12	17	21	9	73	38	20	38	22	19	137
Iowa City, IA	IA	7	13	1	1	0	0	14	0	0	0	0	0	0	8	1	1	1	1	12	0	0	0	0	0	0
Ithaca, NY	NY	1	0	0	0	0	0	0	5	0	1	0	0	6	5	2	2	2	1	12	2	6	19	11	8	47
Jackson, MI	MI	24	3	3	3	1	0	10	10	4	1	0	0	14	8	6	7	6	8	35	0	0	0	0	0	0
Jackson, MS	MS	0	40	5	6	2	1	53	0	0	0	0	0	0	31	17	17	12	18	95	45	31	63	61	104	304
Jackson, TN	TN	3	5	1	1	0	0	6	0	0	0	0	0	0	6	3	4	1	1	15	31	6	51	27	0	115
Jacksonville, FL	FL	2	24	1	1	0	0	27	11	1	2	1	0	15	25	5	5	2	1	38	255	41	180	9	11	496
Jacksonville, NC	NC	1	0	0	0	0	0	0	6	0	0	0	0	0	7	19	5	3	0	1	28	9	5	14	4	34
Janesville, WI	WI	0	5	0	1	0	0	6	1	4	2	0	0	7	8	5	9	5	6	33	9	2	11	23	16	61
Jefferson City, MO	MO	0	0	0	0	0	0	0	16	2	1	0	0	19	1	0	0	0	0	2	6	8	29	11	15	69
Johnson City, TN	TN	0	3	1	3	1	0	8	0	0	0	0	0	0	14	1	2	0	0	17	71	34	122	5	3	235
Johnstown, PA	PA	0	0	0	0	0	0	0	6	0	0	0	0	0	7	9	8	7	5	4	33	10	13	12	8	47
Jonesboro, AR	AR	19	12	1	0	0	0	13	1	2	1	1	0	5	19	8	7	3	2	39	3	20	6	4	0	34
Joplin, MO	MO	0	6	0	0	0	0	8	5	0	0	0	0	5	15	1	1	0	0	18	10	13	30	11	9	73
Juana Diaz, PR	PR	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
Kahului, HI	HI	0	0	0	0	0	0	0	0	0	0	0	0	0	14	5	7	3	1	30	2	2	2	1	0	7
Kailua (Honolulu County)--Kaneohe, HI	HI	0	3	1	3	0	0	7	1	2	2	1	1	6	6	6	9	5	3	28	0	0	1	2	1	5
Kalamazoo, MI	MI	47	19	2	0	0	0	21	8	6	3	0	0	18	16	14	24	13	9	75	0	0	0	0	0	0
Kankakee, IL	IL	0	18	2	0	0	0	19	0	0	0	0	0	0	8	3	5	7	0	23	10	11	10	8	9	47
Kansas City, MO--KS	KS	10	61	9	6	1	0	77	41	6	3	1	0	51	24	8	7	1	0	40	94	86	114	66	31	390
Kansas City, MO--KS	MO	5	45	5	4	1	0	55	47	6	6	2	1	61	35	9	12	4	1	61	47	98	203	134	106	587
Kennewick--Pasco, WA	WA	0	20	7	2	0	0	29	24	5	2	1	1	32	6	7	7	3	2	24	63	21	26	9	9	128
Kenosha, WI--IL	IL	0	1	2	2	0	0	5	0	0	0	0	0	0	14	9	13	9	6	51	5	4	20	4	37	71
Kenosha, WI--IL	WI	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
Killeen, TX	TX	8	0	0	0	0	0	0	21	1	0	0	0	22	26	8	9	2	0	47	73	36	54	32	21	215
Kingsport, TN--VA	TN	1	11	0	0	0	0	11	3	0	0	0	0	4	14	1	1	0	0	16	43	22	77	42	0	183
Kingsport, TN--VA	VA	0	0	0	0	0	0	0	1	1	0	0	0	0	3	1	4	4	0	0	2	1	1	0	0	10
Kingston, NY	NY	13	34	2	1	0	0	37	1	1	2	1	0	4	12	10	12	6	4	43	0	0	0	0	1	1
Kissimmee, FL	FL	0	0	0	0	0	0	0	19	1	1	0	0	21	21	5	2	1	0	29	66	4	12	5	3	90
Knoxville, TN	TN	0	27	2	1	1	0	31	0	0	1	0	0	2	34	4	4	2	3	45	331	194	390	58	5	978
Kokomo, IN	IN	4	0	0	0	0	0	0	9	0	0	0	0	10	8	2	1	1	1	13	3	2	21	9	3	38
La Crosse, WI--MN	WI	0	0	0	0	0	0	0	7	0	0	0	0	0	2	1	0	0	0	4	0	0	0	0	0	1
La Crosse, WI--MN	MN	0	6	5	0	0	0	11	0	1	2	1	0	11	5	4	12	8	10	39	9	2	11	7	19	50

For footnotes, see Footnotes Page.

FUNCTIONAL SYSTEM LENGTH - 2016

MILES BY MEASURED PAVEMENT ROUGHNESS / PRESENT SERVICEABILITY RATING

TABLE HM-73

SHEET 6 OF 8

OCTOBER 2017

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	
Midland, TX	TX	4	18	0	0	0	0	18	13	1	1	0	0	17	16	12	14	8	8	58	11	31	76	49	27	193	
Milwaukee, WI	WI	0	66	17	11	7	1	102	19	7	11	3	1	42	112	90	173	102	133	609	47	64	89	172	417	788	
Minneapolis-St. Paul, MN-WI	MN	576	4	0	0	0	0	4	0	0	0	0	0	0	8	1	1	0	0	11	0	0	0	0	0	0	
Minneapolis-St. Paul, MN-WI	WI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	
Mission Viejo-Lake Forest-San Clemente, CA	CA	1	9	5	6	2	0	22	8	4	3	1	0	15	9	24	48	22	12	115	6	3	8	19	7	43	
Missoula, MT	MT	0	13	1	1	0	0	16	0	0	0	0	0	0	4	1	4	2	1	11	10	4	6	3	9	31	
Mobile, AL	AL	0	37	2	1	0	0	41	0	0	0	0	0	0	81	23	21	8	5	138	82	30	37	19	25	193	
Modesto, CA	CA	0	0	0	0	0	0	0	16	0	0	0	0	0	16	18	14	21	12	13	77	3	11	36	23	21	95
Monessen-California, PA	PA	0	9	1	2	1	0	11	4	0	9	0	0	13	16	8	4	1	1	30	18	11	18	9	1	57	
Monroe, LA	LA	2	11	1	0	0	11	13	0	0	0	0	0	16	3	5	6	8	38	14	11	36	22	18	101		
Monroe, MI	MI	29	3	1	2	4	2	12	0	0	0	0	0	0	7	2	3	1	0	14	0	0	0	0	0	0	
Montgomery, AL	AL	3	31	2	2	0	0	35	5	0	0	0	0	5	80	10	12	7	6	95	70	22	38	16	12	158	
Morgantown, WV	WV	0	11	2	0	0	0	13	0	0	0	0	0	0	3	4	5	5	3	21	5	2	9	6	5	28	
Morrisville, TN	TN	0	1	0	0	0	0	1	0	0	0	0	0	0	9	1	1	0	0	11	24	5	41	36	7	113	
Mount Vernon, WA	WA	0	6	0	1	0	0	7	0	0	0	0	0	0	4	3	2	1	2	12	18	7	14	5	10	54	
Muncie, IN	IN	7	0	0	0	0	0	0	3	2	1	0	0	7	20	7	12	5	7	51	18	13	23	11	18	83	
Murfreesboro, TN	TN	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	
Murrieta-Temecula-Menifee, CA	CA	0	28	7	5	1	0	41	0	0	0	0	0	0	3	5	12	5	4	29	11	22	32	23	17	105	
Muskegon, MI	MI	55	9	0	0	0	0	9	17	1	0	0	0	19	12	8	18	10	7	54	0	0	0	0	0	0	
Myrtle Beach-Socastee, SC-NC	NC	0	0	0	0	0	0	0	0	0	0	0	0	0	15	1	1	0	0	16	0	0	0	0	0	0	
Myrtle Beach-Socastee, SC-NC	SC	2	0	0	0	0	0	0	12	2	1	0	0	15	7	5	4	2	0	17	2	19	46	27	19	113	
Nampa, ID	ID	0	9	4	4	1	0	19	0	0	0	0	0	0	27	13	17	12	13	63	74	25	12	54	13	178	
Napa, CA	CA	0	0	0	0	0	0	0	3	2	3	1	0	9	2	3	3	4	0	20	2	2	4	8	1	17	
Nashua, NH-MA	MA	0	10	1	0	0	0	11	16	0	0	0	0	17	12	5	5	3	4	29	0	0	0	0	0	0	
Nashua, NH-MA	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	0	
Nashville-Davidson, TN	TN	2	40	2	1	0	0	43	20	3	2	0	0	25	26	6	8	1	2	44	592	163	346	70	32	1,204	
Newark, OH	OH	0	3	0	0	0	0	3	6	0	1	0	0	7	6	2	2	1	1	11	8	5	7	9	28	57	
New Bedford, MA	MA	1	14	0	0	0	0	15	8	1	0	0	0	9	1	0	0	0	0	1	0	0	0	0	0	0	
New Bern, NC	NC	2	0	0	0	0	0	0	5	1	1	0	0	7	16	4	3	2	1	28	2	3	3	2	0	10	
New Haven, CT	CT	0	20	1	0	1	0	22	16	2	0	0	0	19	3	5	7	2	3	20	64	46	82	75	40	306	
New Orleans, LA	LA	16	20	3	18	3	1	44	0	0	2	1	1	3	63	28	46	23	27	188	67	45	55	42	104	313	
New York-Newark, NY-NJ-CT	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, NY-NJ-CT	NJ	0	43	5	5	2	2	56	35	3	4	2	2	47	31	8	13	6	9	66	712	437	684	671	462	2,966	
New York-Newark, NY-NJ-CT	NY	197	96	42	36	17	17	209	86	76	121	88	66	436	98	152	317	282	504	1,353	8	61	239	245	474	1,028	
Norman, OK	OK	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	
North Port-Port Charlotte, FL	FL	0	8	0	0	0	0	9	0	0	0	0	0	0	15	4	2	0	0	22	79	3	79	0	3	164	
Norwich-New London, CT-RI	CT	0	22	1	0	0	0	23	3	1	1	0	0	5	6	3	3	1	1	14	17	22	42	12	10	103	
Norwich-New London, CT-RI	RI	0	0	0	0	0	0	0	1	1	2	0	0	4	2	1	2	3	2	11	3	3	5	4	2	18	
Ocala, FL	FL	0	14	0	0	0	0	14	0	0	0	0	0	0	20	3	1	1	0	25	91	8	18	9	4	130	
Odessa, TX	TX	12	21	1	1	0	0	22	6	0	0	0	0	6	49	8	10	8	10	85	18	27	48	96	49	237	
Ogden-Layton, UT	UT	0	53	7	4	1	0	65	11	0	0	0	0	11	72	27	24	7	1	131	37	98	41	15	7	199	
Oklahoma City, OK	OK	3	29	5	5	4	1	43	17	2	1	1	0	21	10	9	15	6	8	48	117	77	241	146	149	730	
Olympia-Lacey, WA	WA	0	15	2	1	0	0	17	6	1	0	0	0	7	3	4	2	1	1	11	38	37	28	15	6	124	
Omaha, NE-IA	IA	6	4	4	4	2	1	15	0	0	0	0	0	0	0	1	1	1	3	5	0	0	0	0	0	0	
Omaha, NE-IA	NE	71	24	5	3	1	0	33	26	7	7	4	6	50	8	9	29	23	34	103	182	47	73	87	44	433	
Orlando, FL	FL	0	10	1	1	0	0	12	41	2	2	0	0	45	31	6	5	2	2	45	593	31	48	8	192	871	
Oshkosh, WI	WI	0	5	4	1	0	0	11	0	0	1	0	0	2	6	4	7	5	6	27	8	0	12	3	17	39	
Owensboro, KY	KY	20	0	0	0	0	0	0	9	1	0	0	0	10	4	2	3	2	2	12	3	2	5	3	2	15	
Oxnard, CA	CA	0	0	0	0	0	0	0	3	5	6	8	4	23	11	14	34	23	23	105	6	5	26	18	77	177	
Palm Bay-Melbourne, FL	FL	0	13	0	0	0	0	13	9	0	0	0	0	10	25	7	4	1	0	37	126	11	68	26	25	256	
Palm Coast-Daytona Beach-Port Orange, FL	FL	0	32	2	0	0	0	34	0	0	0	0	0	0	34	6	4	1	0	45	55	15	116	29	11	225	
Panama City, FL	FL	0	0	0	0	0	0	0	0	0	0	0	0	0	13	3	1	0	0	17	64	8	7	1	1	80	
Parkersburg, WV-OH	OH	0	0	0	0	0	0	0	0	0	0	0	0	0	4	1	1	0	0	6	3	2	2	0	1	8	
Parkersburg, WV-OH	WV	0	1	0	0	0	0	1	0	0	0	0	0	0	13	6	6	2	1	28	11	13	13	16	6	60	
Pascagoula, MS	MS	0	2	0	0	0	0	2	0	0	0	0	0	0	18	3	2	1	1	24	11	5	5	5	2	27	
Pensacola, FL-AL	AL	0	0	0	0	0	0	0	0	0	0	0	0	0	4	1	1	0	0	5	4	1	0	0	0	5	
Pensacola, FL-AL	FL	0	16	0	0	0	0	17	0	0	0	0	0	0	13	5	2	1	1	22	187	32	66	6	7	299	
Peoria, IL	IL	0	34	0	1	0	0	35	1	0	5	3	0	10	25	15	23	14	4	81	43	14	35	41	27	161	
Petaluma, CA	CA	0	0	0	0	0	0	0	5	2	1	0	0	8	0	0	1	1	4	27	3	1	4	1	3	15	
Philadelphia, PA-NJ-DE-MD	DE	0	12	3	2	1	0	16	3	1	0	0	0	5	9	3	4	4	1	3	26	17	25	19	20	107	
Philadelphia, PA-NJ-DE-MD	MD	0	8	0	0	0	0	8	0	0	0	0	0	0	18	4	2	0	0	24	16	7	9	3	38	77	
Philadelphia, PA-NJ-DE-MD	NJ	0	13	3	2	1	0	19	16	2	1	0	0	20	12	7	9	4	6	39	150	88	285	146	125	794	
Philadelphia, PA-NJ-DE-MD	PA	9	94	19	29	5	2	148	65	27	33	10	3	138	80	120	284	196	205	885	42	69	246	374	284	1,014	
Phoenix-Mesa, AZ	AZ	260	63	4	1	0	0	68	126	12	11	1	0	151	69	43	79	37	22	251	54	172	244	129			

**FUNCTIONAL SYSTEM LENGTH - 2016
MILES BY MEASURED PAVEMENT ROUGHNESS / PRESENT SERVICEABILITY RATING**

TABLE HM-73
SHEET # OF 8

OCTOBER 2017

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	REPORTED	< 95	95-119	120-169	170-220	> 220	REPORTED	< 95	95-119	120-169	170-220	> 220	REPORTED	< 95	95-119	120-169	170-220	> 220	TOTAL		
Scranton, PA	PA	0	47	14	9	3	1	75	12	3	3	2	0	20	19	22	37	21	19	40	38	43	40	44	58	225		
Seaside-Monterey, CA	CA	0	0	0	0	0	0	0	0	0	0	0	0	11	10	6	10	6	7	39	2	4	14	6	10	35		
Seattle, WA	WA	0	79	13	14	4	3	113	87	22	15	4	4	131	63	52	64	31	38	248	83	187	206	276	316	1,163		
Sebastian-Vero Beach South-Florida Ridge, FL	FL	0	1	0	0	0	0	0	0	0	0	0	0	13	4	4	1	0	21	46	13	33	4	1	95			
Sebring-Avon Park, FL	FL	0	0	0	0	0	0	0	0	0	0	0	0	0	10	1	1	0	0	12	6	1	24	1	0	32		
Sheboygan, WI	WI	0	8	1	0	0	0	9	3	0	0	0	0	3	3	1	5	3	3	14	11	0	13	2	30	55		
Sherman, TX	TX	13	0	0	0	0	0	0	8	2	7	4	2	23	3	5	7	3	0	19	7	31	43	7	2	90		
Shreveport, LA	LA	11	16	9	18	10	2	54	1	1	2	4	2	10	18	13	27	18	13	90	46	30	49	35	42	202		
Sierra Vista, AZ	AZ	5	0	0	0	0	0	0	0	0	0	0	0	4	3	2	0	0	10	3	3	3	3	0	1	10		
Simi Valley, CA	CA	0	0	0	0	0	0	0	7	1	1	1	0	0	9	2	1	4	4	2	13	5	4	14	14	49		
Sioux City, IA-NE-SD	IA	10	7	1	0	0	0	9	0	0	0	0	0	0	4	3	4	2	3	16	0	0	0	0	0	1		
Sioux City, IA-NE-SD	NE	7	1	0	0	0	0	1	0	0	2	1	2	4	0	0	1	1	0	2	1	4	5	2	1	23		
Sioux City, IA-NE-SD	SD	5	2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	6	2	1	1	1	1	12		
Sioux Falls, SD	SD	10	19	4	4	1	0	28	1	1	0	0	0	3	3	5	5	16	42	35	16	16	47	42	35	157		
Slidell, LA	LA	2	25	2	1	0	0	29	0	0	0	0	0	6	6	5	1	2	20	14	7	7	5	5	38			
South Bend, IN-MI	IN	20	0	0	0	0	0	0	10	7	4	1	0	23	18	6	14	11	9	98	29	22	15	9	19	94		
South Bend, IN-MI	MI	17	0	0	0	0	0	0	1	0	0	2	1	4	1	6	5	1	14	0	0	0	0	0	0	0		
South Lyon-Howell, MI	MI	58	16	1	1	2	1	20	12	1	1	0	0	14	12	7	7	3	0	28	0	0	0	0	0	0		
Spartanburg, SC	SC	1	13	3	3	1	0	20	7	1	0	0	0	9	3	3	4	1	0	11	30	23	30	12	12	107		
Spokane, WA	WA	0	21	3	1	1	0	26	13	3	1	0	0	17	23	7	8	6	11	55	29	30	77	39	41	216		
Springfield, IL	IL	0	36	0	0	0	0	36	0	0	0	0	0	0	32	17	10	7	2	68	10	14	59	14	21	118		
Springfield, MA-CT	CT	0	7	0	0	0	0	7	4	0	0	0	0	4	4	3	5	1	0	13	12	12	22	11	6	62		
Springfield, MA-CT	MA	3	59	2	4	3	2	70	2	0	0	0	0	2	10	6	4	2	2	20	0	0	0	0	0	0		
Springfield, MO	MO	2	12	0	0	0	0	12	38	4	2	1	0	46	15	3	4	1	0	25	15	24	35	21	18	116		
Springfield, OH	OH	0	6	0	0	0	0	6	8	1	0	0	0	7	3	1	4	1	1	10	19	20	19	23	19	100		
Stam Hill, FL	FL	0	0	0	0	0	0	0	11	0	0	0	0	11	21	2	0	0	0	23	48	8	9	26	15	97		
State College, PA	PA	0	6	1	1	0	0	8	4	0	0	1	0	0	5	12	4	8	4	1	4	29	5	10	8	0	1	24
Staunton-Waynesboro, VA	VA	0	10	0	0	0	0	13	6	1	0	0	0	7	8	4	3	1	0	16	22	13	10	3	1	49		
Stockton, CA	CA	0	12	2	3	2	0	18	11	2	4	1	1	18	10	13	20	19	28	86	14	7	13	17	16	88		
Sumter, SC	SC	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	0	
Syracuse, NY	NY	3	52	12	6	1	0	71	24	3	3	1	0	31	28	16	19	11	11	83	78	32	54	31	17	233		
Tallahassee, FL	FL	0	12	0	0	0	0	12	0	0	0	0	0	0	16	2	1	0	0	20	82	18	41	11	6	158		
Temps-St. Petersburg, FL	FL	4	40	1	1	0	0	42	12	2	1	0	0	16	37	5	6	2	1	48	470	99	4	24	54	882		
Tempe, TX	TX	15	10	3	3	1	0	17	4	0	0	0	0	4	14	8	7	2	1	30	51	11	47	7	24	140		
Terre Haute, IN	IN	10	10	1	1	0	0	11	0	0	0	0	0	0	34	5	9	2	4	54	12	7	15	4	11	49		
Texarkana-Texarkana, TX-AR	AR	5	12	3	2	0	0	17	0	1	1	0	0	2	6	1	1	1	1	8	13	2	1	2	10	72		
Texarkana-Texarkana, TX-AR	TX	2	10	1	1	0	0	11	0	1	2	0	0	3	11	5	8	6	4	23	87	12	22	17	2	119		
Texas City, TX	TX	18	9	2	2	1	0	14	1	0	1	3	0	5	33	9	8	4	3	56	66	9	24	25	34	159		
Thousand Oaks, CA	CA	0	0	0	0	0	0	0	7	3	8	6	3	26	2	5	21	14	10	52	10	11	35	20	9	86		
Thousand Oaks, CA	TX	0	0	0	0	0	0	0	10	2	0	0	0	2	10	2	1	0	0	14	19	3	14	3	1	42		
Toledo, OH-MI	MI	35	1	0	0	0	0	1	0	1	0	0	0	2	3	3	1	0	0	7	0	0	0	0	0	0	0	
Toledo, OH-MI	OH	0	20	1	2	1	0	24	3	2	0	0	0	3	6	6	2	2	19	144	48	62	30	38	322			
Topeka, KS	KS	2	16	6	3	1	0	18	2	1	1	0	0	22	4	8	1	0	0	6	15	48	15	48	15	67		
Tracy, CA	CA	0	6	1	1	0	0	7	0	0	0	0	0	0	5	4	8	6	7	29	5	3	4	4	23			
Trenton, NJ	NJ	0	12	1	1	0	0	14	5	2	1	0	0	4	3	1	3	5	5	17	39	27	77	34	46	227		
Tucson, AZ	AZ	10	36	5	0	0	0	42	1	1	2	0	0	4	46	34	48	24	20	173	49	100	42	10	41	327		
Tulsa, OK	OK	9	15	5	4	1	0	24	28	7	8	5	1	47	3	2	7	4	8	23	143	42	313	156	150	804		
Tullock, CA	CA	0	0	0	0	0	0	0	11	2	2	0	0	15	1	1	4	4	4	14	5	1	10	4	3	24		
Tuscaloosa, AL	AL	0	10	2	1	0	0	14	0	0	0	0	0	0	33	15	12	4	1	86	11	10	28	26	33	108		
Tom Rivers-Hightstown, NJ	NJ	0	2	0	0	0	0	2	0	0	1	0	0	0	0	0	0	0	0	2	25	1	2	25	1	83		
Tyler, TX	TX	16	0	0	0	0	0	0	0	0	0	0	0	0	55	17	15	6	2	95	26	18	63	55	58	217		
Uniontown-Cornellville, PA	PA	0	0	0	0	0	0	0	18	6	4	9	0	0	25	16	5	6	2	1	30	3	5	9	2	0	19	
Urban Honolulu, HI	HI	1	10	7	13	8	3	40	4	4	9	0	0	4	4	8	19	2	2	19	27	2	4	19	33	79		
Utica, NY	NY	2	16	6	4	0	0	27	33	8	7	3	0	50	38	15	15	8	5	81	41	29	37	9	3	115		
Vacaville, CA	CA	0	10	2	1	1	0	13	0	0	0	0	0	0	1	4	7	6	4	23	0	1	8	4	5	17		
Vadnaisa, GA	GA	11	11	2	0	0	0	23	0	0	0	0	0	0	26	3	0	0	0	28	51	10	5	0	0	68		
Vailero, CA	CA	0	13	2	1	0	0	16	2	1	1	1	0	5	6	4	12	13	20	54	0	3	7	28	15	53		
Victoria, TX	TX	1	0	0	0	0	0	0	20	2	1	0	0	23	21	7	7	4	1	38	43	7	9	6	8	73		
Victorville-Hesperia, CA	CA	0	12	3	2	1	0	18	0	0	0	0	0	0	19	14	13	7	2	56	22	34	77	56	74	263		
Ville, NJ	NJ	0	0	0	0	0	0	0	0	3	1	1	0	0	0	11	11	1	2	0	32	14	1	1	1	97		
Vineland, NJ	NJ	0	0	0	0	0	0	0	6	0	1	0	0	0	8	2	1	2	1	7	7	20	55	30	22	135		
Virginia Beach, VA	VA	6	82	18	10	2	1	93	21	9	8	2	1	39	67	58	108	62	30	325	46	64	141	105	80	435		
Vista, CA	CA	0	0	0	0	0	0	0	18	5	6	1	1	31	14	10	16	7	5	52	33	15	25	28	18	112		
Waco, TX	TX	2	15	4	2	1	0	22	10	2	1	1	1	15	21	18	14	4	2	58	36	75	56	39	82	283		
Waldorf, MD	MD	0	0	0	0	0	0	0	5	0	0	0	0	0	5	38	2	2	1	0	43	13	7	11				

FUNCTIONAL SYSTEM LENGTH - 2016

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 2016 data. Massachusetts Minor Arterial data not usable.
- (4) Column contains unreported IRI/PSR data for all displayed functional systems.
- (5) Estimated from sample data.