

FUNCTIONAL SYSTEM LENGTH - 2020 MILES BY MEASURED PAVEMENT ROUGHNESS / PRESENT SERVICEABILITY RATING

TABLE HM-73
SHEET 1 OF 8

October 26, 2021

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	18	1	1	0	0	20	8	2	1	0	0	12	20	8	8	2	2	2	43	35	17	24	4	2	82
Abilene, TX	TX	0	9	3	3	1	0	15	15	1	2	0	0	19	21	10	14	11	6	62	19	10	22	19	12	83	
Aguadilla--Isabela--San Sebastian, PR	RQ	1	2	5	9	6	3	24	0	0	0	0	0	0	0	3	17	11	12	44	0	0	13	25	64	102	
Akron, OH	OH	2	41	8	8	3	1	62	16	3	4	2	1	25	50	25	31	18	32	156	52	49	64	42	62	256	
Albany, GA	GA	0	0	0	0	0	0	0	6	1	1	0	0	8	46	10	5	1	0	62	42	28	27	5	4	106	
Albany, OR	OR	0	5	2	1	0	0	8	0	0	0	0	0	0	7	5	4	1	0	16	40	21	28	5	1	35	
Albany--Schenectady, NY	NY	6	56	18	9	4	2	90	12	4	3	2	1	22	62	45	46	23	21	198	96	52	66	24	15	254	
Albuquerque, NM	NM	2	53	5	8	2	0	69	0	0	0	0	0	0	95	33	60	50	51	290	4	16	37	37	55	149	
Alexandria, LA	LA	0	6	3	3	0	0	12	5	1	2	1	2	10	15	7	8	3	3	36	16	7	14	6	9	45	
Allentown, PA--NJ	PA	1	24	9	6	2	1	42	26	9	3	1	0	39	45	36	49	27	19	176	45	30	42	37	28	182	
Allentown, PA--NJ	NJ	0	6	0	0	0	0	7	0	0	0	0	0	0	3	1	3	2	2	12	10	4	16	8	4	27	
Alton, IL--MO	MO	0	0	0	0	0	0	0	1	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	
Altoona, PA	PA	0	13	1	0	0	0	14	1	1	0	0	0	1	16	9	8	2	2	37	11	5	6	5	5	33	
Amarillo, TX	TX	0	18	3	4	1	0	26	6	0	1	0	0	7	43	12	11	3	2	71	25	26	36	21	22	130	
Ames, IA	IA	0	2	0	0	0	0	2	0	0	0	0	0	0	9	3	3	2	2	20	0	0	0	0	0	0	
Anchorage, AK	AK	0	18	2	1	0	0	21	0	0	0	0	0	0	30	17	20	7	4	78	13	7	14	6	5	45	
Anderson, IN	IN	0	17	1	1	0	0	19	0	0	0	0	0	0	20	9	9	3	2	42	39	10	24	15	5	92	
Anderson, SC	SC	3	0	0	0	0	0	0	0	0	0	0	0	0	20	10	14	5	2	50	12	7	4	0	1	23	
Ann Arbor, MI	MI	0	23	1	2	1	0	26	15	4	3	1	1	24	18	13	19	11	14	76	40	35	64	25	43	207	
Anniston--Oxford, AL	AL	0	14	0	0	0	0	14	0	0	0	0	0	0	35	2	1	0	0	39	47	20	23	11	12	112	
Antioch, CA	CA	0	0	0	0	0	0	0	5	2	8	3	1	20	1	1	7	14	24	47	0	1	3	18	5	27	
Appleton, WI	WI	1	15	1	6	2	0	25	3	1	5	4	0	14	15	9	29	12	9	73	11	20	29	31	45	135	
Arecibo, PR	RQ	0	4	2	5	5	3	19	0	0	0	0	0	0	2	3	7	4	4	19	0	0	0	6	18	25	
Arroyo Grande--Grover Beach, CA	CA	0	0	0	0	0	0	0	10	0	0	0	0	10	0	0	1	1	1	3	2	5	9	6	5	27	
Asheville, NC	NC	1	62	7	6	2	1	77	21	1	1	0	0	24	54	30	23	6	5	119	62	33	31	17	10	154	
Athens-Clarke County, GA	GA	0	0	0	0	0	0	0	10	3	5	1	0	18	37	8	3	1	0	49	62	30	19	8	2	122	
Atlanta, GA	GA	0	291	24	18	3	1	336	69	5	7	2	1	84	527	107	92	32	16	774	831	525	509	167	102	2134	
Atlantic City, NJ	NJ	0	0	0	0	0	0	0	35	4	3	1	1	43	22	15	21	15	19	92	114	30	77	36	32	197	
Auburn, AL	AL	0	16	0	0	0	0	16	0	0	0	0	0	0	20	5	5	1	1	32	20	23	33	7	5	88	
Augusta-Richmond County, GA--SC	GA	0	25	3	2	0	0	31	6	1	1	0	0	7	81	20	16	5	2	124	107	32	25	9	9	183	
Augusta-Richmond County, GA--SC	SC	0	13	0	0	0	0	14	0	0	0	0	0	0	31	13	12	4	2	61	19	9	27	7	0	63	
Austin, TX	TX	2	48	2	2	0	0	53	81	30	10	1	0	122	135	36	38	27	45	280	133	52	79	39	17	320	
Avondale--Goodyear, AZ	AZ	0	17	0	0	0	0	17	10	1	0	0	0	11	2	5	3	1	1	11	49	33	48	24	6	160	
Bakersfield, CA	CA	8	0	0	0	0	0	0	25	3	4	2	2	36	23	28	59	28	29	166	31	19	19	21	3	93	
Baltimore, MD	MD	3	106	15	9	3	3	135	110	16	12	4	2	146	75	38	67	58	129	368	85	80	174	117	224	679	
Bangor, ME	ME	2	13	1	0	0	0	15	0	0	0	0	0	0	7	2	5	2	4	19	20	7	9	5	6	46	
Barnstable Town, MA	MA	0	8	0	0	0	0	9	58	4	2	1	0	64	26	29	48	25	14	142	52	20	29	5	6	112	
Baton Rouge, LA	LA	26	23	14	9	4	2	51	0	0	0	0	0	0	71	28	51	39	36	224	61	59	90	26	35	231	
Battle Creek, MI	MI	2	11	3	1	1	0	16	0	0	0	0	0	0	12	5	7	4	4	32	23	16	29	15	11	80	
Bay City, MI	MI	0	6	1	0	0	0	7	4	2	1	0	0	7	9	5	5	5	5	29	13	10	21	15	19	76	
Beaumont, TX	TX	1	12	3	2	1	0	17	10	2	2	1	0	15	17	9	13	7	10	56	34	10	21	17	26	108	
Beckley, WV	WV	0	15	4	7	3	3	31	0	0	0	0	0	0	20	5	2	0	0	28	14	8	20	8	11	62	
Bellingham, WA	WA	0	7	5	6	1	0	18	0	0	0	0	0	0	3	2	5	4	4	18	12	11	21	13	20	77	
Beloit, WI--IL	IL	0	2	0	0	0	0	3	0	0	0	0	0	0	1	2	6	2	1	12	6	4	3	2	2	16	
Beloit, WI--IL	WI	2	2	5	0	1	0	8	0	0	0	0	0	0	0	0	8	9	3	21	0	0	15	13	7	35	
Bend, OR	OR	1	0	0	0	0	0	0	0	0	0	0	0	0	18	4	6	2	1	30	112	0	7	0	0	62	
Benton Harbor--St. Joseph--Fair Plain, MI	MI	0	10	3	3	2	2	19	0	0	0	0	0	0	7	7	8	5	7	33	10	11	16	14	9	61	
Billings, MT	MT	0	14	1	1	0	0	16	0	0	0	0	0	0	12	8	15	9	15	60	16	8	11	4	12	51	
Binghamton, NY--PA	NY	4	13	3	3	2	0	22	11	7	7	5	1	32	4	3	4	1	1	12	59	20	0	0	0	78	
Binghamton, NY--PA	PA	0	0	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Birmingham, AL	AL	2	107	15	17	9	7	154	0	1	1	0	0	2	118	24	22	8	5	178	176	88	127	54	48	493	
Bismarck, ND	ND	1	15	1	0	0	0	16	0	0	0	0	0	0	18	9	15	9	8	60	4	11	18	12	11	57	
Blacksburg, VA	VA	0	5	0	0	0	0	6	11	1	0	0	0	12	8	7	5	3	1	23	7	10	3	1	30	70	
Bloomington, IN	IN	0	9	0	0	0	0	9	1	0	0	0	0	1	16	2	2	1	0	20	13	5	5	4	5	32	
Bloomington--Normal, IL	IL	0	29	1	2	0	0	32	3	0	0	0	0	3	15	5	6	4	3	33	23	17	21	21	32	113	
Bloomsburg--Berwick, PA	PA	0	12	1	0	0	0	13	0	0	0	0	0	0	18	4	4	2	0	29	18	7	8	3	4	39	
Boise City, ID	ID	11	20	0	0	0	0	21	5	0	0	0	0	6	61	17	14	8	18	118	4	1	2	1	2	10	
Bonita Springs, FL	FL	0	21	1	0	0	0	22	0	0	0	0	0	0	30	5	2	1	0	38	77	19	8	2	2	102	
Boston, MA--NH--RI	MA	13	236	11	10	4	1	262	124	12	11	5	6	158	131	123	289	226	332	1102	97	113	179	157	120	666	
Boston, MA--NH--RI	NH	0	8	0	0	0	0	8	1	0	0	0	0	1	19	4	4	2	2	30	24	11	7	4	1	48	
Boulder, CO	CO	0	0	0	0	0	0	0	10	2	1	1	1	14	7	2	8	4	4	24	4	4	13	10	14	45	
Bowling Green, KY	KY	0	14	1	0	0	0	15	2	0	0	0	0	2	19	3	2	0	0	25	15	6	5	0	0	26	
Bremerton, WA	WA	0	0	0	0	0	0	0	38	2	1	0	0	43	13	5	7	4	5	34	45	36	44	16	14	155	
Bridgeport--Stamford, CT--NY	CT	4	33	7	5	1	0	46	54	8	6	0	0	70	33	32	47	20	15	148	61	76	114	75	107	426	
Bristol--Bristol, TN--VA	TN	0	7	0	0	0	0	8	0	0	0	0	0	0	27	5</											

FUNCTIONAL SYSTEM LENGTH - 2020
MILES BY MEASURED PAVEMENT ROUGHNESS / PRESENT SERVICEABILITY RATING

TABLE HM-73
 SHEET 3 OF 8

October 26, 2021

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			
Des Moines, IA	IA	3	41	9	7	1	0	59	0	0	0	0	0	0	0	43	30	34	19	15	140	0	0	0	0	0	0	0
Detroit, MI	MI	3	144	41	31	11	5	233	49	17	13	3	1	83	175	176	297	206	254	1108	157	175	387	384	504		1434	
Dothan, AL	AL	0	0	0	0	0	0	0	0	0	0	0	0	0	49	5	4	1	0	59	49	26	26	11	7		120	
Dover, DE	DE	0	0	0	0	0	0	0	15	3	2	0	0	20	6	4	2	0	0	12	42	12	6	2	2		63	
Dover--Rochester, NH--ME	NH	0	0	0	0	0	0	0	18	0	0	0	0	19	12	2	3	1	0	17	27	11	19	7	5		70	
Dover--Rochester, NH--ME	ME	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	1	0	0		6	
Dubuque, IA--IL	IA	6	0	0	0	0	0	0	0	0	0	0	0	0	8	5	8	2	2	26	0	0	0	0	1		1	
Dubuque, IA--IL	IL	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	0	6	0	0	1	0	1		3	
Duluth, MN--WI	WI	0	0	0	0	0	0	0	2	1	0	0	0	3	0	1	11	3	0	15	0	4	9	2	8		23	
Duluth, MN--WI	MN	0	4	2	3	1	0	9	0	0	3	0	0	0	17	7	7	1	1	33	38	3	13	8	24		87	
Durham, NC	NC	1	43	1	0	0	0	44	20	8	4	1	0	33	20	14	29	16	11	91	24	38	44	16	11		133	
East Stroudsburg, PA--NJ	PA	0	9	2	1	1	0	13	2	0	1	0	0	3	2	0	1	1	0	5	6	13	12	7	4		42	
East Stroudsburg, PA--NJ	NJ	0	4	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0		0	
Eau Claire, WI	WI	1	11	1	1	0	0	13	11	12	2	0	0	26	9	13	19	6	3	50	6	31	36	2	3		78	
El Centro--Calexico, CA	CA	4	3	0	0	0	0	4	0	0	0	0	0	0	6	5	12	6	11	40	11	2	8	0	7		28	
El Paso de Robles (Paso Robles)--Alascadero, CA	CA	0	0	0	0	0	0	0	18	1	1	0	0	20	6	1	2	3	2	14	5	2	3	0	0		10	
El Paso, TX--NM	NM	0	6	0	0	0	0	6	0	0	0	0	0	0	7	4	2	1	1	14	7	6	7	3	2		25	
El Paso, TX--NM	TX	8	18	11	9	2	0	41	39	10	9	2	0	60	40	34	67	41	34	215	29	17	44	49	56		194	
Elizabethtown--Radcliff, KY	KY	0	3	0	0	0	0	3	1	0	0	0	0	1	16	3	2	1	0	21	20	16	12	5	3		56	
Elkhart, IN--MI	MI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0		3	
Elkhart, IN--MI	IN	3	11	2	2	0	0	16	2	3	4	0	0	9	54	17	20	10	7	107	3	9	28	18	7		65	
Elmira, NY	NY	2	12	1	1	0	0	14	0	0	1	0	0	0	22	6	6	3	3	39	5	8	26	6	4		49	
Erie, PA	PA	0	12	0	0	0	0	12	0	0	0	0	0	0	26	13	15	6	4	64	48	18	18	12	16		111	
Eugene, OR	OR	1	13	1	1	0	0	15	15	1	1	0	0	17	15	8	8	5	2	39	226	33	23	4	6		119	
Evansville, IN--KY	KY	0	0	0	0	0	0	0	1	2	1	0	0	4	4	5	6	2	0	16	5	3	5	2	0		14	
Evansville, IN--KY	IN	1	6	2	2	0	0	11	0	0	2	0	0	0	31	7	11	4	1	54	40	13	21	11	3		89	
Fairbanks, AK	AK	0	16	5	3	0	0	24	0	0	0	0	0	0	10	5	4	1	0	22	18	4	7	4	4		37	
Fairfield, CA	CA	0	14	2	1	0	0	18	2	1	0	0	0	3	2	1	7	6	12	29	0	0	0	0	0		0	
Fajardo, PR	RO	0	1	1	2	5	12	20	0	0	0	0	0	0	0	0	1	3	4	0	0	0	4	2	5		11	
Fargo, ND--MN	ND	0	17	3	1	0	0	22	0	0	0	0	0	0	4	7	11	4	2	28	25	18	24	18	12		96	
Fargo, ND--MN	MN	0	5	1	0	0	0	6	0	0	0	0	0	0	3	3	2	1	1	11	13	3	5	3	5		29	
Farmington, NM	NM	0	0	0	0	0	0	0	0	0	0	0	0	0	9	6	9	4	5	33	1	3	15	4	9		37	
Fayetteville, NC	NC	8	21	0	1	0	0	22	14	1	1	0	0	16	52	23	21	6	3	105	56	34	30	14	5		139	
Fayetteville--Springdale--Rogers, AR--MO	AR	0	31	2	1	0	0	34	3	0	0	0	0	3	49	17	13	3	7	89	182	244	340	51	17		299	
Fayetteville--Springdale--Rogers, AR--MO	MO	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0		0	
Flagstaff, AZ	AZ	2	11	3	4	2	0	19	0	0	0	0	0	0	5	2	3	1	0	11	5	9	10	5	2		30	
Flint, MI	MI	0	43	5	8	5	1	62	10	4	1	0	0	15	24	19	29	18	21	111	65	27	51	51	112		306	
Florence, AL	AL	2	0	0	0	0	0	0	0	0	0	0	0	0	41	4	3	1	0	48	9	14	20	16	11		69	
Florence, SC	SC	2	13	0	0	0	0	14	1	0	0	0	0	2	13	5	8	4	2	32	2	6	14	4	1		27	
Florida--Imbery--Barceloneta, PR	RO	1	2	2	3	1	0	9	0	0	0	0	0	0	0	0	2	4	2	8	0	0	0	1	1		2	
Fond du Lac, WI	WI	0	6	2	1	0	0	9	0	0	3	0	0	3	5	3	8	3	6	25	16	3	12	10	12		54	
Fort Collins, CO	CO	0	12	3	3	1	1	20	1	2	2	0	0	6	25	8	6	2	2	43	60	45	46	23	20		193	
Fort Smith, AR--OK	AR	8	28	1	2	0	0	31	4	2	1	1	0	7	5	7	15	7	7	41	33	55	94	40	0		103	
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	1	3	1	0		6	
Fort Walton Beach--Navarre--Wright, FL	FL	0	0	0	0	0	0	0	0	0	0	0	0	0	67	6	3	1	0	77	30	7	2	1	0		38	
Fort Wayne, IN	IN	1	24	4	2	0	0	30	5	1	1	0	0	6	28	15	15	7	3	69	65	24	42	18	23		172	
Frederick, MD	MD	0	23	1	1	0	0	25	16	1	0	0	0	16	9	2	2	1	1	16	8	6	15	10	11		50	
Fredericksburg, VA	VA	0	12	1	0	0	0	13	0	0	0	0	0	0	15	10	10	3	1	38	11	5	12	7	1		35	
Fresno, CA	CA	10	0	0	0	0	0	0	27	8	14	0	0	49	10	12	16	7	9	54	5	29	43	37	33		147	
Gadsden, AL	AL	0	15	0	0	0	0	15	0	0	0	0	0	0	45	5	4	1	0	54	27	8	17	9	4		65	
Gainesville, FL	FL	0	9	0	0	0	0	9	0	0	0	0	0	0	40	7	5	1	0	54	43	10	9	1	1		63	
Gainesville, GA	GA	0	16	0	0	0	0	16	1	0	0	0	0	1	45	6	4	1	0	56	53	20	20	8	5		106	
Gastonia, NC--SC	NC	1	23	0	0	0	0	24	8	0	0	0	0	8	16	21	23	6	2	69	31	38	62	14	9		154	
Gastonia, NC--SC	SC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0		1	
Gilroy--Morgan Hill, CA	CA	1	0	0	0	0	0	0	4	2	4	3	2	16	1	4	5	1	3	15	0	0	0	0	0		0	
Glens Falls, NY	NY	1	16	2	1	0	0	18	0	0	0	0	0	0	17	9	11	5	2	44	18	0	2	26	30		77	
Goldsboro, NC	NC	0	8	0	0	0	0	8	18	1	1	0	0	20	13	2	2	0	0	17	24	18	26	6	2		76	
Grand Forks, ND--MN	ND	0	6	0	0	0	0	6	0	0	0	0	0	0	8	4	6	1	1	20	0	2	6	4	14		27	
Grand Forks, ND--MN	MN	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	1	5	2	1	1	1	3		8	
Grand Island, NE	NE	0	0	0	0	0	0	0	2	0	0	0	0	2	9	2	5	1	1	18	10	0	1	0	0		11	
Grand Junction, CO	CO	0	22	2	1	0	0	25	0	0	0	0	0	0	13	7	8	3	1	32	8	15	29	10	13		74	
Grand Rapids, MI	MI	15	33	8	5	1	0	48	37	6	3	1	0	47	62	26	42	19	12	162	106	64	125	78	59		423	
Grants Pass, OR	OR	0	23	1	0	0	0	24	0	0	0	0	0	0	14	4	4	1	0	23	125	2	13	2	0		42	
Great Falls, MT	MT	0	7	0	0	0	0	7																				

FUNCTIONAL SYSTEM LENGTH - 2020
MILES BY MEASURED PAVEMENT ROUGHNESS / PRESENT SERVICEABILITY RATING

TABLE HM-73
SHEET 4 OF 8

October 26, 2021

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
Greenville, SC	SC	0	36	3	1	0	0	41	8	3	3	0	14	43	17	23	8	4	95	37	25	52	31	12	158	
Guayama, PR	RQ	2	0	0	0	0	0	1	0	0	0	0	0	1	1	3	4	6	15	0	0	0	0	6	6	
Gulfport, MS	MS	0	35	1	1	0	0	38	0	0	1	0	2	59	9	14	5	2	89	24	23	44	20	22	132	
Hagerstown, MD--WV--PA	PA	0	22	1	1	0	0	23	0	0	0	0	0	11	4	5	3	1	26	23	9	18	11	4	65	
Hagerstown, MD--WV--PA	PA	0	5	0	0	0	0	6	0	0	0	0	0	2	0	0	0	0	2	0	0	0	1	0	2	
Hagerstown, MD--WV--PA	WV	0	18	3	4	1	1	26	0	0	0	0	0	6	3	3	2	1	14	5	8	15	6	4	39	
Hammond, LA	LA	1	28	2	2	1	0	33	0	0	0	0	0	5	2	3	2	2	15	10	13	24	13	7	58	
Hanford, CA	CA	0	0	0	0	0	0	0	9	2	2	0	0	3	3	3	1	2	11	0	7	0	1	12	20	
Hanover, PA	PA	0	0	0	0	0	0	0	3	4	0	0	0	7	27	10	11	3	52	6	5	6	3	2	21	
Harlingen, TX	TX	0	26	1	2	0	0	28	0	0	0	0	0	23	12	12	4	3	53	23	10	11	8	5	57	
Harrisburg, PA	PA	0	65	13	7	2	1	88	22	5	7	2	0	36	42	20	25	12	115	35	49	48	23	12	167	
Harrisonburg, VA	VA	0	11	1	0	0	0	12	0	0	0	0	0	13	7	5	1	0	26	9	4	6	5	1	25	
Hartford, CT	CT	3	66	6	5	1	0	77	50	7	5	2	0	64	57	54	61	30	227	57	79	169	98	58	456	
Hattiesburg, MS	MS	0	9	1	1	0	0	11	0	0	0	0	0	32	6	5	3	1	47	12	13	16	13	11	64	
Hazleton, PA	PA	1	5	1	3	0	0	10	0	0	0	0	0	7	3	4	2	2	17	11	6	7	4	3	32	
Hemet, CA	CA	0	0	0	0	0	0	0	0	0	0	0	0	1	2	8	6	6	23	0	2	2	0	0	5	
Hickory, NC	NC	1	37	1	1	0	0	39	8	0	0	0	0	8	52	29	21	6	3	111	72	55	49	12	7	195
High Point, NC	NC	0	27	1	2	1	0	30	15	1	0	0	0	16	12	14	15	5	48	33	21	71	14	19	158	
Hilton Head Island, SC	SC	0	0	0	0	0	0	0	0	0	0	0	0	11	7	4	1	0	23	1	3	4	0	0	8	
Hinesville, GA	GA	0	0	0	0	0	0	0	0	0	0	0	0	14	1	1	0	0	15	15	7	8	4	1	34	
Holland, MI	MI	0	9	1	1	0	0	12	0	0	1	1	1	3	11	4	4	2	25	24	17	20	11	12	84	
Homosassa Springs--Beverly Hills--Citrus Springs, FL	FL	0	0	0	0	0	0	0	0	0	0	0	0	54	7	4	1	0	67	26	7	7	0	0	28	
Hot Springs, AR	AR	0	0	0	0	0	0	0	11	3	2	0	0	16	6	8	13	9	44	18	31	64	4	0	32	
Houma, LA	LA	2	0	0	0	0	0	0	7	2	2	1	0	13	11	10	12	5	45	91	28	25	11	14	161	
Houston, TX	TX	14	93	56	43	9	1	203	136	69	79	20	3	307	230	142	208	148	238	966	181	174	340	337	622	1654
Huntington, WV--KY--OH	OH	0	0	0	0	0	0	0	15	2	3	1	0	22	8	1	1	0	10	8	3	4	2	6	18	
Huntington, WV--KY--OH	KY	1	0	0	0	0	0	0	0	0	0	0	0	0	29	5	3	1	0	38	8	6	8	2	1	25
Huntington, WV--KY--OH	WV	0	33	1	2	1	0	39	0	0	0	0	1	23	13	9	4	2	51	17	11	15	21	7	79	
Huntsville, AL	AL	1	13	1	0	0	0	14	12	2	0	0	0	15	66	8	5	1	80	68	40	39	8	4	159	
Idaho Falls, ID	ID	13	5	0	0	0	0	5	7	0	0	0	0	8	13	4	6	4	30	0	0	0	0	0	0	
Indianapolis, IN	IN	8	112	20	19	3	1	156	15	3	3	1	1	23	153	63	93	51	44	405	236	104	186	96	66	688
Indio--Cathedral City, CA	CA	31	20	2	3	1	0	26	0	0	0	0	0	0	14	8	14	10	9	55	1	5	5	6	23	
Iowa City, IA	IA	0	12	1	1	0	0	14	0	0	0	0	0	18	4	2	1	1	26	0	0	0	0	0	0	
Ithaca, NY	NY	0	0	0	0	0	0	0	4	0	1	1	0	6	4	2	2	2	13	0	1	8	10	8	27	
Jackson, MI	MI	1	5	1	3	1	0	9	10	3	1	0	0	14	6	6	8	7	34	13	12	17	13	30	80	
Jackson, MS	MS	0	69	4	4	1	0	79	0	0	0	0	0	87	56	64	39	59	304	36	35	93	71	80	315	
Jackson, TN	TN	1	8	1	1	0	0	11	0	0	0	0	0	15	8	8	3	2	37	0	0	0	0	0	0	
Jacksonville, FL	FL	0	88	7	5	1	0	101	45	6	7	2	0	60	123	22	15	5	4	168	136	36	67	12	11	245
Jacksonville, NC	NC	0	0	0	0	0	0	0	7	1	0	0	0	9	17	5	6	1	0	28	10	7	6	4	6	34
Janesville, WI	WI	0	5	1	0	0	0	7	4	2	1	0	0	7	2	9	11	7	6	35	2	1	12	27	13	56
Jefferson City, MO	MO	0	0	0	0	0	0	0	34	2	2	0	0	38	2	0	1	0	0	3	7	8	27	14	14	70
Johnson City, TN	TN	0	13	1	0	0	0	14	0	0	0	0	0	0	48	4	5	1	1	58	2	0	2	0	0	4
Johnstown, PA	PA	0	0	0	0	0	0	0	6	1	0	0	0	7	9	7	7	4	5	32	8	11	13	4	7	44
Jonesboro, AR	AR	1	12	0	0	0	0	13	1	1	1	1	0	5	28	7	5	1	2	43	25	35	112	23	0	86
Joplin, MO	MO	0	11	0	0	0	0	12	8	1	0	0	0	9	24	3	3	2	1	32	20	8	25	7	12	72
Juana Diaz, PR	RQ	0	3	1	1	0	0	6	0	0	0	0	0	0	0	1	1	4	7	0	0	1	0	2	3	
Kahului, HI	HI	0	0	0	0	0	0	0	0	0	0	0	0	13	5	8	3	0	30	2	2	2	1	0	7	
Kailua (Honolulu County)--Kaneohe, HI	HI	0	3	2	2	0	0	7	2	2	1	0	0	6	5	6	9	4	3	28	0	0	1	2	2	5
Kalamazoo, MI	MI	12	18	2	1	0	0	21	12	3	2	0	0	17	19	16	17	6	5	64	60	39	54	19	14	184
Kankakee, IL	IL	0	16	2	1	0	0	20	0	0	0	0	0	0	8	5	4	3	3	23	25	5	10	3	5	48
Kansas City, MO--KS	MO	0	125	9	9	2	0	146	81	14	15	5	3	118	63	25	33	15	9	145	62	68	193	153	123	600
Kansas City, MO--KS	KS	0	66	7	5	2	0	80	41	6	3	1	0	51	16	3	9	6	3	38	55	75	121	81	37	369
Kennewick--Pasco, WA	WA	0	22	7	1	0	0	29	22	5	4	1	1	32	17	10	17	5	4	52	53	29	29	8	9	129
Kenosha, WI--IL	WI	0	2	2	1	0	0	5	0	0	0	0	0	0	12	7	17	11	7	53	5	5	16	13	28	67
Killeen, TX	TX	0	18	1	1	0	0	20	1	0	0	0	0	1	37	9	10	3	1	61	14	8	15	15	11	63
Kingsport, TN--VA	TN	0	24	0	0	0	0	24	6	1	0	0	0	7	31	3	4	1	0	39	1	0	0	0	0	1
Kingsport, TN--VA	VA	0	0	0	0	0	0	0	3	0	0	0	0	3	2	4	3	0	0	9	1	3	4	1	0	9
Kingston, NY	NY	0	25	6	4	1	0	37	1	1	2	0	0	4	16	10	12	4	4	46	0	0	15	12	2	29
Kissimmee, FL	FL	0	0	0	0	0	0	0	31	1	1	0	0	33	55	16	7	2	1	81	38	13	14	5	3	66
Knoxville, TN	TN	11	62	5	4	1	0	72	3	2	1	0	0	7	142	31	22	9	5	209	0	0	0	0	0	0
Kokomo, IN	IN	0	0	0	0	0	0	0	8	2	0	0	0	10	15	2	2	0	1	20	12	16	23	7	7	66
La Crosse, WI--MN	WI	0	9	1	0	0	0	11	5	5	1	0	0	11	6	4	14	6	9	39	7	11	14	10	11	53
La Crosse, WI--MN	MN	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	4	1	0	0	0	0	1
Lady Lake--The Villages, FL	FL	0	0	0	0	0	0	0	4	0	0	0	0	4	37	4	2	1	0	44	20	3	1	0	0	19
Lafayette, IN	IN	1	7	1	0	0	0	9	0	0	0	0	0	0	28	6	11	3	1	46	23	12	27	24	11	96
Lafayette, LA	LA	9	18	3	4	1	0	27	2	0																

FUNCTIONAL SYSTEM LENGTH - 2020

MILES BY MEASURED PAVEMENT ROUGHNESS / PRESENT SERVICEABILITY RATING

TABLE HM-73
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October 26, 2021

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	95-119	120-169	170-220	> 220													
			REPORTED																																			
Lake Havasu City, AZ	AZ	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	0	0	0	0	0	0	0	0	0	0	0
Lake Jackson--Angleton, TX	TX	0	0	0	0	0	0	0	0	0	0	5	7	2	1	0	0	15	16	1	5	3	1	26	40	6	13	8	14	81								
Lakeland, FL	FL	0	10	2	0	0	0	0	12	9	1	1	0	0	0	11	50	7	5	1	1	63	35	8	8	2	1	50										
Lancaster, PA	PA	0	8	1	0	0	0	9	36	4	2	1	0	0	43	27	10	9	4	7	56	44	47	46	31	23	192											
Lancaster--Palmdale, CA	CA	4	0	0	0	0	0	0	9	2	2	0	0	0	13	16	28	20	11	16	91	0	66	16	10	6	98											
Lansing, MI	MI	1	23	11	10	4	2	50	10	3	2	0	0	0	16	19	16	24	12	15	86	42	29	56	42	60	228											
Laredo, TX	TX	3	8	0	1	0	0	10	0	0	0	0	0	0	0	20	13	16	13	17	79	3	3	9	14	25	54											
Las Cruces, NM	NM	0	25	1	1	0	0	27	3	3	4	1	0	0	11	8	7	12	6	8	42	3	10	51	19	26	109											
Las Vegas--Henderson, NV	NV	1	43	9	11	2	0	66	22	6	9	1	0	0	38	72	30	42	13	9	166	203	95	124	53	55	530											
Lawrence, KS	KS	0	7	0	0	0	0	7	14	2	0	0	0	0	17	1	1	3	2	1	8	16	4	17	9	19	64											
Lawton, OK	OK	41	8	2	1	0	0	11	3	1	0	1	1	6	7	1	1	2	2	2	14	0	0	0	0	0	0											
Lebanon, PA	PA	0	0	0	0	0	0	0	0	0	0	0	0	0	14	4	5	4	5	31	2	2	8	6	5	24												
Leesburg--Eustis--Tavares, FL	FL	0	0	0	0	0	0	0	3	0	0	0	0	0	3	43	5	3	0	0	52	22	7	7	2	1	35											
Leominster--Fitchburg, MA	MA	1	3	0	0	0	0	4	14	2	2	0	0	0	18	27	11	15	9	13	75	0	0	0	2	0	2											
Lewiston, ID--WA	ID	1	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0	1	0	1	8	0	0	0	0	0	0											
Lewiston, ID--WA	WA	0	0	0	0	0	0	0	2	0	0	0	0	0	2	1	2	1	0	0	4	9	5	5	2	2	23											
Lewiston, ME	ME	8	16	1	0	0	0	16	1	0	0	0	0	0	1	13	5	6	3	2	29	17	3	7	3	2	33											
Lexington Park--California--Chesapeake Ranch Estates, MD	MD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	2	1	0	0	17	9	4	1	1	0	16											
Lexington-Fayette, KY	KY	8	13	0	0	0	0	13	11	1	2	0	0	0	13	32	17	9	4	3	65	17	10	6	1	0	34											
Lima, OH	OH	1	10	3	0	0	0	13	0	0	0	0	0	0	10	6	8	3	2	29	20	3	6	1	1	29												
Lincoln, NE	NE	2	11	5	2	1	0	18	11	2	1	0	0	0	14	10	8	14	12	16	60	0	0	0	1	0	1											
Little Rock, AR	AR	0	47	20	15	4	1	87	11	4	5	6	2	2	28	20	16	28	15	12	91	392	210	324	43	2	453											
Livermore, CA	CA	0	6	0	1	0	0	7	0	0	0	0	0	0	0	2	1	3	3	5	15	0	0	1	0	9												
Lodi, CA	CA	0	0	0	0	0	0	0	10	0	1	0	0	0	12	3	3	3	1	2	12	0	0	0	0	0												
Logan, UT	UT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	4	1	1	0	30	8	4	9	4	6	31											
Lompoc, CA	CA	1	0	0	0	0	0	0	0	0	0	0	0	0	5	3	5	2	2	17	0	0	0	0	0	0												
Longmont, CO	CO	0	1	1	0	0	0	2	5	2	1	1	1	10	2	2	5	1	1	11	2	8	14	16	13	53												
Longview, TX	TX	0	6	0	0	0	0	6	0	0	0	0	0	0	0	51	15	16	3	3	88	11	13	21	14	72												
Longview, WA--OR	WA	1	8	0	0	0	0	9	2	1	0	0	0	0	3	4	6	5	2	5	22	4	6	8	5	21	44											
Longview, WA--OR	OR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	1	2	1	1	6	5	0	2	0	0												
Lorain--Elyria, OH	OH	0	16	2	2	1	0	21	14	1	1	0	0	0	16	13	10	10	3	4	39	42	27	21	5	100												
Los Angeles--Long Beach--Anaheim, CA	CA	175	132	61	76	27	13	309	91	76	83	25	10	264	45	118	434	501	1160	2257	3	52	49	336	622	1061												
Los Lunas, NM	NM	0	8	0	0	0	0	8	0	0	0	0	0	0	13	2	3	2	2	23	7	9	4	3	6	29												
Louisville/Jefferson County, KY--IN	KY	9	72	12	12	3	1	100	3	3	5	2	0	0	13	47	24	25	10	5	110	70	72	87	41	28	299											
Louisville/Jefferson County, KY--IN	IN	2	0	0	0	0	0	0	6	3	2	0	0	0	11	8	4	7	3	1	24	28	9	20	16	13	86											
Lubbock, TX	TX	7	4	2	4	0	0	11	35	4	3	0	0	0	42	42	20	33	26	19	140	35	20	27	17	14	113											
Lynchburg, VA	VA	0	0	0	0	0	0	0	24	5	2	0	0	0	31	19	8	7	2	1	38	23	17	23	6	3	72											
Macon, GA	GA	0	30	8	7	1	0	46	0	0	0	0	0	0	16	8	7	2	1	34	32	31	34	17	19	133												
Madera, CA	CA	0	0	0	0	0	0	0	5	2	0	0	0	0	7	0	0	2	1	2	5	7	2	4	7	23												
Madison, WI	WI	12	9	3	4	1	0	18	11	9	15	4	0	39	14	21	49	24	24	132	4	21	31	34	69	160												
Manchester, NH	NH	0	25	0	0	0	0	25	8	0	0	0	0	8	23	8	11	5	5	52	22	16	19	13	10	79												
Mandeville--Covington, LA	LA	3	18	0	0	0	0	18	3	0	0	1	0	4	11	9	10	1	2	33	32	8	7	2	3	44												
Manhattan, KS	KS	0	0	0	0	0	0	0	7	2	1	0	0	9	14	1	2	1	1	19	4	3	2	3	3	15												
Mankato, MN	MN	0	0	0	0	0	0	0	5	3	2	0	0	10	8	4	1	0	0	13	18	6	9	4	4	41												
Mansfield, OH	OH	0	9	0	0	0	0	9	11	3	4	1	0	19	15	4	4	2	3	29	30	9	10	8	12	68												
Manteca, CA	CA	3	0	0	0	0	0	0	14	2	1	0	0	17	1	3	5	5	7	20	0	0	0	0	0	0												
Marysville, WA	WA	0	9	0	0	0	0	9	18	5	2	0	0	27	1	3	4	3	2	14	20	14	31	9	7	81												
Mauldin--Simpsonville, SC	SC	0	17	1	0	0	0	18	1	0	0	0	0	2	5	5	7	2	0	20	2	4	5	11	2	22												
Mayaguez, PR	PR	1	2	2	6	2	1	13	0	0	0	0	0	0	0	0	0	1	2	3	0	1	3	13	5	22												
McAllen, TX	TX	6	43	4	3	0	0	50	0	0	0	0	0	0	147	56	50	15	9	277	68	31	34	14	14	161												
McKinney, TX	TX	1	0	0	0	0	0	0	9	5	2	0	0	16	23	11	12	3	2	52	3	6	28	20	16	72												
Medford, OR	OR	5	26	1	0	0	0	27	3	1	0	0	0	4	18	13	13	3	2	49	207	66	36	1	1	97												
Memphis, TN--MS--AR	AR	0	10	4	3	2	0	20	0	0	0	0	0	0	1	2	3	1	1	8	6	13	30	32	6	41												
Memphis, TN--MS--AR	MS	0	15	1	0	0	0	16	15	1	0	0	0	16	27	11	7	2	0	49	11	16	30	11	7	74												
Memphis, TN--MS--AR	TN	0	49	4	4	1	1	59	13	3	5																											

FUNCTIONAL SYSTEM LENGTH - 2020
MILES BY MEASURED PAVEMENT ROUGHNESS / PRESENT SERVICEABILITY RATING

TABLE HM-73
 SHEET 6 OF 8

October 26, 2021

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	
Modesto, CA	CA	5	0	0	0	0	0	0	14	1	1	0	0	0	17	18	10	18	11	18	73	0	0	0	0	13	14
Monessen--California, PA	PA	0	9	1	1	0	0	11	3	4	3	1	0	11	14	6	7	1	1	30	18	11	14	10	1	55	
Monroe, LA	LA	1	13	1	1	0	0	15	0	0	0	0	0	15	14	3	5	5	8	36	17	7	31	18	8	74	
Monroe, MI	MI	0	6	1	1	1	1	11	0	0	0	0	0	11	4	4	3	2	1	14	11	8	10	6	11	46	
Montgomery, AL	AL	1	33	2	1	0	0	35	8	1	0	0	0	44	61	10	10	4	5	90	64	31	39	14	10	158	
Morgantown, WV	WV	0	20	2	1	0	0	24	1	1	1	0	0	27	4	4	6	3	4	22	2	3	7	7	9	28	
Morristown, TN	TN	0	1	0	0	0	0	1	0	0	0	0	0	1	34	6	7	1	0	49	0	0	0	0	0	0	
Mount Vernon, WA	WA	0	7	0	0	0	0	7	0	0	0	0	0	7	6	2	2	1	2	14	16	9	11	7	3	46	
Muncie, IN	IN	0	0	0	0	0	0	0	6	0	0	0	0	6	19	8	12	5	5	49	17	16	31	21	14	97	
Murrieta--Temecula--Menifee, CA	CA	1	29	9	3	1	0	41	0	0	0	0	0	41	7	3	7	3	4	25	6	1	4	2	3	15	
Muskegon, MI	MI	0	8	0	0	0	0	8	17	1	0	0	0	18	16	10	17	6	5	54	57	27	26	14	17	141	
Myrtle Beach--Socastee, SC--NC	SC	2	0	0	0	0	0	2	16	2	1	0	0	20	35	22	25	12	4	98	13	8	22	18	15	76	
Myrtle Beach--Socastee, SC--NC	NC	0	0	0	0	0	0	0	0	0	0	0	0	0	14	2	0	0	0	16	0	0	0	0	0	0	
Nampa, ID	ID	19	14	2	3	0	0	38	19	0	0	0	0	58	48	12	10	6	12	88	0	0	0	0	0	0	
Napa, CA	CA	1	0	0	0	0	0	1	2	3	3	1	0	9	1	2	4	3	9	19	1	1	1	1	2	5	
Nashua, NH--MA	NH	0	11	0	0	0	0	11	16	0	0	0	0	17	36	8	9	5	4	61	36	26	26	13	8	109	
Nashua, NH--MA	MA	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	3	2	1	9	0	0	0	0	0	0	
Nashville-Davidson, TN	TN	15	153	10	4	1	0	169	57	6	4	1	0	69	250	66	60	24	22	422	0	0	0	0	0	0	
New Bedford, MA	MA	1	14	0	0	0	0	16	16	0	0	1	0	17	2	1	3	3	5	14	0	1	4	3	4	12	
New Bern, NC	NC	0	0	0	0	0	0	0	6	1	1	0	0	8	14	5	6	1	1	27	3	3	3	2	1	11	
New Haven, CT	CT	3	55	5	3	0	0	63	31	4	3	1	0	39	28	20	33	16	13	110	61	68	87	35	57	306	
New Orleans, LA	LA	21	20	1	4	2	1	28	0	0	2	2	1	5	64	25	35	21	26	170	72	55	76	37	83	284	
New York--Newark, NY--NJ--CT	NJ	0	183	20	21	9	6	239	190	19	20	9	6	244	331	145	260	191	213	1141	984	305	723	629	436	2241	
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	NY	87	88	48	45	18	13	213	113	79	119	73	56	440	101	146	302	272	596	1416	32	192	746	361	1190	2521	
Newark, OH	OH	0	2	0	0	0	0	2	12	1	1	1	0	14	16	3	2	1	1	22	25	3	11	1	12	25	
Norman, OK	OK	20	9	1	0	0	0	29	3	1	0	0	0	4	10	5	2	0	1	19	0	0	0	0	0	0	
North Port--Port Charlotte, FL	FL	0	12	0	0	0	0	12	0	0	0	0	0	12	30	5	5	1	1	41	44	10	11	2	0	60	
Norwich--New London, CT--RI	CT	1	50	1	0	0	0	52	5	2	3	0	0	10	15	8	12	5	4	45	24	22	33	11	14	103	
Norwich--New London, CT--RI	RI	0	0	0	0	0	0	0	4	1	0	0	0	5	2	1	2	3	3	11	2	5	5	4	2	18	
Ocala, FL	FL	0	16	0	0	0	0	16	0	0	0	0	0	16	46	9	4	1	0	60	55	17	6	3	1	80	
Odessa, TX	TX	0	20	1	1	0	0	22	6	0	0	0	0	6	59	16	14	8	7	104	21	9	18	12	12	72	
Ogden--Layton, UT	UT	0	51	7	5	1	0	65	11	0	0	0	0	11	82	22	20	5	3	132	37	26	41	13	13	131	
Oklahoma City, OK	OK	198	62	12	12	6	2	294	32	6	4	0	0	42	26	11	16	10	8	70	0	0	0	0	0	0	
Olympia--Lacey, WA	WA	0	16	1	1	0	0	18	7	0	0	0	0	7	7	8	12	7	7	40	38	13	41	9	8	110	
Omaha, NE--IA	NE	0	23	6	3	1	0	33	37	12	8	5	5	67	9	15	35	33	62	153	0	0	0	0	7	7	
Omaha, NE--IA	IA	0	8	5	3	0	1	17	0	0	0	0	0	0	2	3	3	2	5	16	0	0	0	0	0	1	
Orlando, FL	FL	11	25	5	6	2	1	39	136	9	4	0	0	150	161	45	31	11	8	257	231	72	103	18	24	341	
Oshkosh, WI	WI	0	8	2	0	0	0	10	0	0	1	0	0	2	5	2	10	4	9	30	4	5	4	6	19	38	
Owensboro, KY	KY	1	0	0	0	0	0	1	5	5	3	0	0	13	2	3	4	2	2	13	9	10	12	3	5	39	
Oxnard, CA	CA	53	0	0	0	0	0	53	13	4	4	1	0	23	9	11	15	10	9	54	2	1	1	2	1	7	
Palm Bay--Melbourne, FL	FL	0	39	0	0	0	0	39	10	1	0	0	0	12	104	27	17	5	3	158	123	22	78	22	16	151	
Palm Coast--Daytona Beach--Port Orange, FL	FL	0	52	1	1	0	0	54	0	0	0	0	0	0	120	33	22	5	2	181	37	19	30	6	5	86	
Panama City, FL	FL	0	0	0	0	0	0	0	0	0	0	0	0	0	48	6	2	1	1	58	34	9	12	2	1	56	
Parkersburg, WV--OH	WV	0	8	1	0	0	0	9	0	0	0	0	0	9	13	6	7	2	1	29	10	15	13	8	3	49	
Parkersburg, WV--OH	OH	0	0	0	0	0	0	0	0	0	0	0	0	0	7	3	2	0	0	13	1	2	3	0	0	7	
Pascagoula, MS	MS	0	2	0	0	0	0	2	0	0	0	0	0	0	28	5	3	1	1	39	11	4	6	4	2	27	
Pensacola, FL--AL	FL	0	28	1	0	0	0	29	0	0	0	0	0	0	60	13	7	2	2	84	88	39	28	5	6	159	
Pensacola, FL--AL	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	
Peoria, IL	IL	0	31	2	2	1	0	35	1	1	4	3	1	10	26	16	21	9	9	81	33	31	33	23	38	158	
Petaluma, CA	CA	1	0	0	0	0	0	1	4	1	1	1	0	6	0	0	1	1	3	5	0	0	0	0	0	0	
Philadelphia, PA--NJ--DE--MD	NJ	0	46	8	5	3	1	62	64	13	6	2	1	85	96	43	71	47	57	314	216	92	250	136	121	646	
Philadelphia, PA--NJ--DE--MD	PA	1	98	19	19	4	3	144	61	32	29	10	4	136	76	141	308	189	188	902	39	139	325	218	198	919	
Philadelphia, PA--NJ--DE--MD	DE	2	23	6	3	1	1	35	6	2	1	0	0	10	58	24	22	12	9	125	25	21	30	16	17	109	
Philadelphia, PA--NJ--DE--MD	MD	0	8	0	0	0	0	8	0	0	0	0	0	0	19	3	2	0	0	24	14	7	9	4	3	36	
Phoenix--Mesa, AZ	AZ	83	58	5	3	1	1	144	169	19	14	2	0	203	51	48	100	65	27	291	212	287	620	290	127	1535	
Pine Bluff, AR	AR	4	15	1	0	0	0	16	0	0	0	0	0	0	11	6	7	1	2	26	21	18	23	69	6	64	
Pittsburgh, PA	PA	2	174	15	12	4	5	210	54	17	11	4	2	88	172	95	124	59	51	501	222	138	227	126	174	888	
Pittsfield, MA	MA	0	0	0	0	0	0	0	0	0	0	0	0	0	16	9	9	6	6	46	1	0	1	0	0	2	
Pocatello, ID	ID	15	13	2	1	0	0	16	0	0	0	0	0	0	10	3	4	3	3	22	0	0	0	0	0	0	
Ponce, PR	PR	2	2	2	4	2	3	13	1	1	1	1	1	7	1	1	3	5	5	12	0	0	0	0	0	3	
Port Arthur, TX	TX	0	4	3	1	0	0	8	13	2	1	0	0	16	28	12	17	12	8	77	37	29	28	17	20	131	
Port Huron, MI	MI	1	12	1	0	0	0	13	1	0	0	0	0	1	9	8	9	4	1	31	31	19	21	10	12	92	
Port St. Lucie, FL	FL	3	20	0	0	0	0	23	21	2	1	0	0	24	57	21	26										

FUNCTIONAL SYSTEM LENGTH - 2020

MILES BY MEASURED PAVEMENT ROUGHNESS / PRESENT SERVICEABILITY RATING

October 26, 2021

TABLE HM-73
SHEET 7 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)									
								TOTAL					TOTAL					TOTAL									
			< 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	>=3.5	3.1-3.4	2.6-3.0	2.1-2.5	<=2.0
Portsmouth, NH--ME	ME	0	3	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	3	2	1	0	0	0	6
Portsmouth, NH--ME	NH	0	12	0	0	0	0	0	0	24	1	1	1	0	27	10	3	2	1	2	17	12	5	10	7	13	46
Pottstown, PA	PA	0	0	0	0	0	0	0	0	3	2	2	0	0	8	12	10	14	6	4	46	10	9	11	4	6	39
Poughkeepsie--Newburgh, NY--NJ	NY	13	42	10	11	2	1	67	14	6	4	2	1	27	55	28	36	13	7	139	17	45	137	32	28	259	
Poughkeepsie--Newburgh, NY--NJ	NJ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	11	10	0	23	
Prescott Valley--Prescott, AZ	AZ	0	0	0	0	0	0	0	0	11	2	1	0	0	14	13	3	2	0	0	19	20	7	11	5	46	
Providence, RI--MA	RI	3	45	2	2	1	0	50	47	9	9	3	2	70	28	31	90	79	97	326	37	35	88	70	82	313	
Providence, RI--MA	MA	1	31	1	1	0	0	33	10	3	2	1	0	14	7	9	19	10	9	53	13	14	32	19	14	93	
Provo--Orem, UT	UT	1	28	8	2	1	0	39	0	0	0	0	0	0	60	24	18	6	3	111	21	18	33	15	18	105	
Pueblo, CO	CO	0	9	3	3	1	0	15	16	9	6	1	0	32	10	3	3	2	1	19	9	24	39	24	49	147	
Racine, WI	WI	4	1	2	1	0	0	4	0	0	0	0	0	0	13	8	17	9	9	55	5	10	12	15	26	69	
Raleigh, NC	NC	1	76	8	2	0	0	86	34	2	2	1	0	40	95	32	31	9	4	171	131	116	150	38	26	461	
Rapid City, SD	SD	0	21	1	1	0	0	24	5	3	3	0	0	12	8	5	5	2	1	20	13	9	23	12	14	69	
Reading, PA	PA	0	6	1	1	0	0	8	13	7	5	1	1	27	26	15	16	7	5	68	19	14	31	17	16	97	
Redding, CA	CA	3	21	0	1	0	0	22	0	0	0	0	0	0	20	2	4	2	3	30	0	0	0	0	0	0	
Reno, NV--CA	NV	0	18	8	9	1	0	36	10	2	3	0	0	16	50	15	21	12	9	108	40	41	53	34	32	200	
Richmond, VA	VA	2	102	16	8	2	0	128	44	9	6	1	0	60	38	60	89	34	13	234	37	37	78	64	26	243	
Riverside--San Bernardino, CA	CA	22	49	21	26	10	5	111	26	12	22	6	2	68	17	13	48	40	58	176	42	13	6	13	21	96	
Roanoke, VA	VA	0	23	3	1	0	0	26	3	0	0	0	0	3	29	12	12	6	2	61	35	27	38	11	1	112	
Rochester, MN	MN	0	0	0	0	0	0	0	6	5	2	0	0	13	8	0	0	0	0	8	39	8	9	2	1	60	
Rochester, NY	NY	3	46	11	7	1	0	65	32	7	6	1	0	45	51	34	27	9	7	129	120	136	95	17	42	410	
Rock Hill, SC	SC	0	6	0	0	0	0	6	0	1	1	1	0	5	19	11	11	4	3	48	2	5	12	0	1	20	
Rockford, IL	IL	0	27	2	1	0	0	31	6	3	2	1	0	12	33	19	35	26	29	143	8	15	55	41	30	149	
Rocky Mount, NC	NC	0	4	0	0	0	0	4	12	0	0	0	0	13	17	6	7	2	2	35	15	20	19	9	4	67	
Rome, GA	GA	0	0	0	0	0	0	0	2	0	0	0	0	3	39	8	5	2	1	55	23	17	13	2	3	58	
Round Lake Beach--McHenry--Grayslake, IL--WI	WI	1	0	0	0	0	0	0	3	1	2	1	1	8	3	4	7	5	0	20	0	0	16	0	0	16	
Sacramento, CA	CA	48	31	9	13	3	1	57	51	9	6	2	0	69	12	21	71	84	151	340	0	0	1	3	3	7	
Saginaw, MI	MI	0	9	1	5	1	0	17	0	0	0	0	0	0	7	9	23	14	17	70	12	17	36	21	29	114	
Salem, OR	OR	1	12	2	1	0	0	15	9	2	1	0	0	11	15	13	18	7	6	59	181	25	21	18	0	107	
Salinas, CA	CA	0	0	0	0	0	0	0	13	3	5	1	0	20	6	5	10	6	11	38	0	1	8	3	2	14	
Salisbury, MD--DE	DE	0	0	0	0	0	0	0	0	0	0	0	0	0	6	3	2	0	0	11	3	0	1	1	0	5	
Salisbury, MD--DE	MD	0	0	0	0	0	0	0	12	1	1	0	0	14	24	3	2	1	1	31	22	4	5	3	2	36	
Salt Lake City--West Valley City, UT	UT	4	35	11	16	3	1	65	6	2	0	0	0	8	114	44	49	18	11	237	26	26	58	35	69	214	
San Angelo, TX	TX	1	0	0	0	0	0	0	11	1	1	0	0	12	24	4	2	0	0	30	6	8	18	6	18	56	
San Antonio, TX	TX	12	131	18	12	3	0	164	52	10	6	1	0	69	94	64	89	52	55	354	65	95	207	145	181	693	
San Diego, CA	CA	32	86	32	29	6	1	155	43	26	30	29	4	105	11	20	84	65	101	280	76	23	7	2	14	122	
San Francisco--Oakland, CA	CA	16	67	22	22	9	2	122	28	19	29	11	8	95	11	20	70	77	256	433	10	44	54	74	108	289	
San Germán--Cabo Rojo--Sabana Grande, PR	PR	0	2	3	2	1	0	8	0	0	0	0	0	0	0	1	5	3	8	17	0	0	5	17	22	45	
San Jose, CA	CA	30	20	7	8	2	1	38	33	15	18	6	4	76	13	14	62	70	130	290	0	1	1	1	9	12	
San Juan, PR	PR	4	22	17	24	13	9	86	7	5	8	8	15	42	4	8	42	57	107	218	1	8	21	61	208	300	
San Luis Obispo, CA	CA	5	0	0	0	0	0	0	6	0	0	0	0	6	4	2	2	1	2	11	0	0	0	0	0	0	
San Marcos, TX	TX	0	8	0	0	0	0	0	9	0	0	0	0	0	8	2	4	1	0	16	3	1	3	4	3	15	
Santa Barbara, CA	CA	18	0	0	0	0	0	0	18	10	8	2	0	38	4	7	8	6	15	39	0	0	0	0	1	1	
Santa Clarita, CA	CA	0	12	1	1	0	0	14	5	2	2	0	0	9	2	7	16	8	7	40	0	1	3	9	0	13	
Santa Cruz, CA	CA	1	0	0	0	0	0	0	15	2	2	0	0	19	0	1	3	3	10	17	5	1	2	1	0	9	
Santa Fe, NM	NM	0	12	1	0	0	0	13	0	0	0	0	0	0	23	7	10	3	2	44	5	10	14	12	21	61	
Santa Maria, CA	CA	2	0	0	0	0	0	0	8	2	1	0	0	11	6	2	5	1	3	17	6	0	7	4	1	18	
Santa Rosa, CA	CA	0	0	0	0	0	0	0	25	3	3	1	0	32	4	7	11	5	12	38	22	12	3	3	4	43	
Sarasota--Bradenton, FL	FL	3	28	1	1	0	0	30	0	0	0	0	0	0	95	23	20	4	3	145	98	20	23	7	3	111	
Saratoga Springs, NY	NY	1	10	6	2	0	0	19	0	0	1	0	0	2	20	3	5	3	3	33	9	11	3	4	2	29	
Savannah, GA	GA	0	43	3	2	1	0	48	7	4	4	2	2	19	50	16	16	6	5	93	35	26	39	22	26	147	
Scranton, PA	PA	0	49	9	8	2	2	71	10	3	5	1	0	19	31	22	31	16	16	116	43	49	39	31	54	215	
Seaside--Monterey, CA	CA	1	0	0	0	0	0	0	9	2	1	0	0	12	10	4	6	5	12	36	2	2	3	1	4	11	
Seattle, WA	WA	31	87	14	10	2	0	113	95	18	14	4	2	133	126	120	205	120	154	726	91	159	374	214	243	1080	
Sebastian--Vero Beach South--Florida Ridge, FL	FL	0	2	0	0	0	0	2	0	0	0	0	0	0	49	14	8	2	1	74	41	16	31	8	6	70	
Sebring--Avon Park, FL	FL	0	0	0	0	0	0	0	0	0	0	0	0	0	30	2	1	0	0	34	2	1	5	1	0	6	
Sheboygan, WI	WI	0	7	1	1	0	0	9	2	0	0	0	0	3	5	2	5	3	2	18	12	6	13	5	20	55	
Sherman, TX	TX	0	0	0	0	0	0	0	3	3	6	4	1	17	11	2	8	3	1	25	27	14	16	6	6	68	
Shreveport, LA	LA	2	22	7	15	9	2	56	1	0	3	4	2	10	21	13	25	17	14	91	73	25	42	25	24	184	
Sierra Vista, AZ	AZ	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	4	1	0	10	4	3	16	5	3	33	
Simi Valley, CA	CA	0	0	0	0	0	0	0	8	1	1	0	0	11	0	0	3	3	2	8	0	0	0	0	0	0	
Sioux City, IA--NE--SD	NE	0	2	0	0	0	0	3	1	1	2	1	1	6	0	0	1	1	0	2	0	0	0	0	0	0	
Sioux City, IA--NE--SD	IA	0	7	2	1	1	0	12	0	0	0	0	0	0	6	10	11										

FUNCTIONAL SYSTEM LENGTH - 2020

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.