

# FEDERAL-AID HIGHWAY LENGTH - 2004

## MILES BY TYPE OF SURFACE 1/

OCTOBER 2005

TABLE HM-31  
SHEET 1 OF 2

STATE	NATIONAL HIGHWAY SYSTEM																										
	INTERSTATE SYSTEM								OTHER								TOTAL RURAL AND URBAN										
	RURAL				URBAN				RURAL				URBAN				RURAL				URBAN						
	PAVED 2/				PAVED 2/				PAVED 2/				PAVED 2/				PAVED 2/				PAVED 2/						
	FLEXI- BLE	COMPOS- ITE	RIGID	TOTAL	FLEXI- BLE	COMPOS- ITE	RIGID	TOTAL	LOW TYPE	INTER- MEDIATE TYPE	FLEXI- BLE	COMPOS- ITE	RIGID	TOTAL	LOW TYPE	INTER- MEDIATE TYPE	FLEXI- BLE	COMPOS- ITE	RIGID	TOTAL	LOW TYPE	INTER- MEDIATE TYPE	FLEXI- BLE	COMPOS- ITE	RIGID	TOTAL	
Alabama	363	47	154	564	169	22	126	317	-	16	1,999	-	-	2,015	-	23	672	11	10	716	-	39	3,203	80	290	3,612	
Alaska	136	-	-	136	5	-	-	5	-	747	61	-	-	808	-	67	7	-	-	74	-	814	209	-	-	1,023	
Arizona	971	-	9	980	117	16	54	187	26	232	854	-	-	1,112	-	40	259	-	133	432	26	272	2,201	16	196	2,711	
Arkansas	219	148	100	467	56	26	107	189	-	-	1,511	228	60	1,799	-	-	155	37	60	252	-	-	1,941	439	327	2,707	
California	563	262	493	1,318	175	227	693	1,095	-	45	3,028	270	297	3,640	-	37	707	272	512	1,528	-	82	4,473	1,031	1,995	7,581	
Colorado	391	28	259	678	151	33	73	257	-	104	1,648	11	96	1,859	-	40	597	38	65	740	-	144	2,787	110	493	3,534	
Connecticut	22	21	-	43	107	188	8	303	-	-	84	73	-	157	-	-	121	335	3	459	-	-	334	617	11	962	
Delaware	-	-	-	-	-	14	26	40	-	-	8	115	34	157	-	3	11	60	50	124	-	3	19	189	110	321	
Dist. of Columbia	-	-	-	-	-	13	-	13	-	-	-	-	-	-	-	-	25	43	2	70	-	-	25	56	2	83	
Florida	571	175	-	746	502	162	23	687	-	-	1,396	-	-	1,396	-	49	1,301	21	-	1,371	-	49	3,770	358	23	4,200	
Georgia	223	-	497	720	261	-	259	520	-	-	2,167	-	10	2,177	-	-	885	-	69	954	-	-	3,536	-	835	4,371	
Hawaii	-	-	6	6	17	-	32	49	-	-	157	-	3	160	-	4	120	-	1	125	-	4	294	-	42	340	
Idaho	437	3	81	521	66	-	25	91	-	62	1,538	-	34	1,634	-	5	98	-	11	114	-	67	2,139	3	151	2,360	
Illinois	73	1,117	296	1,486	13	522	141	676	-	-	176	1,472	135	1,783	-	-	78	1,310	333	1,721	-	-	340	4,421	905	5,666	
Indiana 3/	83	652	117	852	11	251	55	317	-	-	307	859	164	1,330	-	11	69	192	95	367	-	11	470	1,954	431	2,866	
Iowa	49	-	580	629	18	-	136	154	-	-	319	-	1,708	2,027	1	-	25	-	379	405	1	-	411	-	2,803	3,215	
Kansas	490	7	169	666	49	9	127	185	-	11	2,316	59	246	2,632	-	-	123	58	71	252	-	11	2,978	133	613	3,735	
Kentucky	396	20	136	552	91	22	95	208	-	8	1,402	90	226	1,726	-	7	209	105	65	386	-	15	2,098	237	522	2,872	
Louisiana	101	96	330	527	36	58	174	268	-	-	308	796	74	1,138	-	3	154	243	135	535	-	3	599	1,153	713	2,468	
Maine	299	6	8	313	54	-	-	54	9	177	602	-	2	790	-	24	107	1	1	133	9	201	1,062	7	11	1,290	
Maryland	183	-	1	184	278	-	20	298	-	-	433	-	6	439	-	-	503	-	6	509	-	-	1,397	-	33	1,430	
Massachusetts	90	1	-	91	460	9	8	477	-	-	131	33	-	164	-	7	1,057	155	-	1,218	-	7	1,738	8	1,951	8	
Michigan	102	123	388	613	44	310	276	630	-	21	830	1,137	153	2,141	-	5	177	722	459	1,363	-	26	1,153	2,292	1,276	4,747	
Minnesota	89	220	362	671	8	98	125	231	-	411	1,024	859	272	2,566	-	71	161	149	107	488	-	482	1,282	1,326	966	3,956	
Mississippi	167	121	193	481	53	76	76	205	3	14	846	676	182	1,721	2	20	240	76	70	408	5	34	1,306	949	521	2,815	
Missouri	607	-	194	801	263	-	117	380	-	17	1,839	-	772	2,628	-	4	447	-	189	640	-	21	3,156	-	1,272	4,449	
Montana	1,018	50	62	1,130	37	5	20	62	12	138	2,462	-	4	2,616	-	2	52	-	13	67	12	140	3,569	55	99	3,875	
Nebraska	-	279	145	424	-	27	31	58	-	-	1,216	386	635	2,237	-	-	28	75	162	265	-	-	1,244	767	973	2,984	
Nevada 3/	346	37	98	481	26	6	46	78	-	-	1,435	-	-	1,435	-	-	94	-	11	105	-	-	1,901	43	155	2,099	
New Hampshire 3/	184	-	-	184	51	-	-	51	31	1	431	12	-	475	-	3	103	7	-	113	31	-	4	769	19	-	823
New Jersey	31	34	-	65	201	102	64	367	-	-	96	158	-	254	-	-	483	851	43	1,377	-	-	811	1,145	107	2,063	
New Mexico	671	57	3	731	79	33	21	133	42	159	1,508	-	-	1,709	25	40	156	-	5	226	67	199	2,414	90	29	2,799	
New York	361	462	123	946	63	473	157	693	-	-	494	1,212	115	1,821	-	21	411	1,101	108	1,641	-	21	1,329	3,248	503	5,101	
North Carolina	322	72	266	660	146	118	122	386	-	-	2,150	27	40	2,217	-	-	443	12	61	516	-	-	3,061	229	489	3,779	
North Dakota	-	132	389	521	-	10	40	50	-	9	1,927	20	132	2,088	-	-	27	1	34	62	-	9	1,954	163	595	2,721	
Ohio	135	545	44	724	158	580	111	849	-	-	824	688	85	1,597	-	-	634	485	94	1,213	-	-	1,751	2,298	334	4,383	
Oklahoma	340	93	211	644	98	35	111	244	7	68	1,243	301	437	2,056	-	5	103	85	172	365	7	73	1,784	514	931	3,309	
Oregon	365	69	120	554	46	50	76	172	-	-	121	2,470	14	8	2,613	-	2	372	11	11	396	-	123	3,253	144	215	3,735
Pennsylvania	118	639	316	1,073	83	402	195	680	-	-	131	326	1,029	312	1,798	-	156	317	1,055	382	1,910	-	287	844	3,125	1,205	5,461
Rhode Island	-	19	-	19	28	18	-	46	-	-	8	32	7	47	-	-	27	85	37	-	149	-	35	145	81	-	261
South Carolina	418	-	251	669	106	-	50	156	-	374	584	343	-	1,301	-	28	345	92	1	466	-	402	1,453	435	302	2,592	
South Dakota	25	89	495	609	-	9	60	69	-	5	1,285	198	699	2,187	-	-	20	11	40	71	-	5	1,330	307	1,294	2,936	
Tennessee	525	162	6	693	186	188	37	411	-	-	988	421	-	1,409	-	-	545	159	22	726	-	-	2,244	930	65	3,239	
Texas	871	600	454	1,925	342	278	393	1,013	553	67	4,621	970	183	6,394	185	118	1,824	547	978	3,652	738	185	7,658	2,395	2,008	12,984	
Utah	625	-	94	719	98	17	99	214	-	-	975	-	-	975	-	2	236	-	23	261	-	2	1,934	17	216	2,169	
Vermont	280	-	-	280	40	-	-	40	-	-	320	-	2	322	-	-	55	-	2	57	-	-	695	-	4	699	
Virginia	555	79	31	665	234	52	147	433	-	-	1,281	32	59	1,372	-	-	866	17	84	967	-	-	2,936	180	321	3,437	
Washington	292	22	153	467	161	5	131	297	-	26	1,883	4	103	2,016	-	20	520	47	36	623	-	46	2,856	78	423	3,403	
West Virginia	34	283	141	458	11	54	30	95	-	-	871	131	142	1,144	-	-	75	13	30	118	-	-	991	481	343	1,815	
Wisconsin	101	170	202	473	14	174	83	271	-	10	1,486	576	381	2,453	-	-	165	294	512	971	-	10	1,766	1,214	1,178	4,168	
Wyoming	656	10	161	827	27	6	54	87	10	20	1,901	21	4	1,956	-	-	70	-	11	81	10	20	2,654	37	230	2,965	
U.S. Total	14,898	6,950	8,138	29,986	5,239	4,698	4,854	14,791	693	3,002	57,793	13,188	7,815	82,491	213	844	16,337	8,728	5,661	31,783	906	3,846	94,267	33,564	26,468	159,501	
Puerto Rico	2	12	17	31	91	34	109	234	-	-	20	-	10	30	-	-	62	18	24	104	-	-	175	64	160	399	
Grand Total	14,900	6,962	8,155	30,017	5,330	4,732	4,963	15,025	693	3,002	57,813	13,188	7,825	82,521	213	844	16,399	8,746	5,685	31,887	906	3,846	94,442	33,628	26,628	159,450	

For footnotes, see Footnotes Page.

# FEDERAL-AID HIGHWAY LENGTH - 2004

## MILES BY TYPE OF SURFACE 1/

TABLE HM-31  
SHEET 2 OF 2

STATE	OTHER FEDERAL - AID HIGHWAYS - RURAL										OTHER FEDERAL - AID HIGHWAYS - URBAN										OTHER FEDERAL - AID HIGHWAYS - TOTAL									
	UNPAVED	PAVED 2/						TOTAL	UNPAVED	PAVED 2/						TOTAL	UNPAVED	PAVED 2/						TOTAL						
		LOW TYPE	INTER-MEDIATE TYPE	HIGH TYPE			TOTAL			LOW TYPE	INTER-MEDIATE TYPE	HIGH TYPE			TOTAL			LOW TYPE	INTER-MEDIATE TYPE	HIGH TYPE			TOTAL							
				FLEXIBLE	COMPOS-ITE	RIGID						FLEXIBLE	COMPOS-ITE	RIGID						FLEXIBLE	COMPOS-ITE	RIGID								
Alabama	-	3,423	3,613	8,628	29	10	15,703	15,703	-	374	1,320	2,586	100	21	4,401	4,401	-	3,797	4,933	11,214	129	31	20,104	20,104						
Alaska	768	46	937	-	-	983	1,751	1,751	1	25	469	28	-	28	522	523	769	71	1,406	28	-	1,505	2,274							
Arizona	154	462	2,129	2,878	7	-	5,476	5,630	95	314	1,918	1,975	13	28	4,248	4,343	249	776	4,047	4,853	20	28	9,724	9,973						
Arkansas	546	2,031	1,497	10,810	1,011	-	15,349	15,895	23	393	253	1,628	135	36	2,445	2,468	569	2,424	1,750	12,438	1,146	36	17,794	18,363						
California	382	250	4,970	14,314	227	94	19,856	20,237	96	245	4,323	20,632	573	471	26,244	26,340	478	495	9,233	34,946	800	565	46,099	46,577						
Colorado	648	167	3,316	5,444	134	4	9,065	9,713	116	59	1,619	2,119	75	226	4,098	4,214	764	226	4,935	7,563	209	230	13,163	13,927						
Connecticut	-	29	205	886	67	-	1,187	1,187	-	203	194	2,980	522	4	3,903	3,903	-	232	399	3,866	589	4	5,090	5,090						
Delaware	-	-	127	63	380	1	571	571	-	9	139	141	241	65	595	595	-	9	266	204	621	66	1,166	1,166						
Dist. of Columbia	-	-	-	-	-	-	-	-	-	-	69	262	30	361	361	-	-	-	69	262	30	361	361	361	361					
Florida	-	-	1,492	6,103	65	-	7,660	7,660	-	8	6,804	6,382	212	32	13,438	13,438	-	8	8,296	12,485	277	32	21,098	21,098						
Georgia	255	1,785	2,015	13,510	-	-	17,310	17,565	-	55	476	7,064	-	92	7,687	7,687	255	1,840	2,491	20,574	-	92	24,997	25,252						
Hawaii	-	18	53	629	-	-	700	700	-	10	49	434	-	6	499	499	-	28	102	1,063	-	6	1,199	1,199						
Idaho	1,524	976	1,191	3,138	-	-	5,305	6,829	22	66	110	1,165	-	4	1,345	1,367	1,546	1,042	1,301	4,303	-	4	6,650	8,196						
Illinois	327	2,722	147	7,944	7,989	432	19,234	19,561	37	795	369	2,754	4,342	1,013	9,273	9,310	364	3,517	516	10,698	12,331	1,445	28,507	28,871						
Indiana 3/	15	22	6,168	5,892	829	335	13,246	13,261	24	49	3,120	1,746	656	296	5,867	5,891	39	71	9,288	7,638	1,485	631	19,113	19,152						
Iowa	1,389	298	-	7,806	-	10,163	18,267	19,656	55	103	-	746	-	2,027	2,876	2,931	1,444	401	-	8,552	-	12,190	21,143	22,587						
Kansas	10,299	2,181	9,083	5,989	119	149	17,521	27,820	52	-	905	1,094	363	336	2,698	2,750	10,351	2,181	9,988	7,083	482	485	20,219	30,570						
Kentucky	-	-	2,724	4,199	1,228	16	8,167	8,167	-	19	347	1,738	223	73	2,400	2,400	-	19	3,071	5,937	1,451	89	10,567	10,567						
Louisiana	-	-	280	4,607	1,537	83	6,507	6,507	-	-	735	1,716	508	972	3,931	3,931	-	-	1,015	6,323	2,045	1,055	10,438	10,438						
Maine	-	2,103	1,472	728	7	-	4,310	4,310	-	146	352	268	3	2	771	771	-	2,249	1,824	996	10	2	5,081	5,081						
Maryland	-	-	41	2,292	-	21	2,354	2,354	-	21	62	3,709	-	54	3,846	3,846	-	21	103	6,001	-	75	6,200	6,200						
Massachusetts	-	-	638	887	18	-	1,543	1,543	-	97	1,728	5,429	89	18	7,361	7,361	-	97	2,366	6,316	107	18	8,904	8,904						
Michigan	1,559	1,268	2,635	11,190	2,641	924	18,658	20,217	397	502	1,694	3,332	1,896	748	8,172	8,569	1,956	1,770	4,329	14,522	4,537	1,672	26,830	28,786						
Minnesota	584	114	11,451	10,047	249	839	22,700	23,284	56	12	2,549	860	193	260	3,874	3,930	640	126	14,000	10,907	442	1,089	26,574	27,214						
Mississippi	247	2,067	7,385	5,007	864	24	15,347	15,594	1	100	967	1,499	153	127	2,846	2,847	248	2,167	8,352	6,506	1,017	151	18,193	18,441						
Missouri	-	5,407	7,081	8,317	-	727	21,532	21,532	-	1,237	1,042	1,688	-	236	4,203	4,203	-	6,644	8,123	10,005	-	963	25,735	25,735						
Montana	1,953	149	4,002	3,945	4	-	8,100	10,053	2	-	416	261	-	3	680	682	1,955	149	4,418	4,206	4	3	8,780	10,735						
Nebraska	4,814	67	220	9,434	804	750	11,275	16,089	53	-	618	-	69	606	1,293	1,346	4,867	67	220	10,052	873	1,356	12,568	17,435						
Nevada 3/	26	-	84	2,683	-	-	2,767	2,793	-	95	1,335	-	-	9	1,439	1,439	-	26	179	4,018	-	9	4,206	4,232						
New Hampshire 3/	-	-	29	1,697	32	-	1,758	1,758	-	80	-	698	37	-	815	815	-	80	29	2,395	69	-	2,573	2,573						
New Jersey	-	-	6	907	361	-	1,274	1,274	-	-	20	5,207	1,555	36	6,818	6,818	-	-	6,114	1,916	36	36	8,092	8,092						
New Mexico	347	1,404	1,768	2,382	-	1	5,555	5,902	26	545	1,176	801	4	21	2,547	2,573	373	1,949	2,944	3,183	4	22	8,102	8,475						
New York	-	-	633	6,066	3,559	115	10,373	10,373	-	4	1,384	3,902	4,681	602	10,573	10,573	-	4	2,017	9,968	8,240	717	20,946	20,946						
North Carolina	-	312	-	10,844	68	213	11,437	11,437	-	167	-	4,924	43	26	5,160	5,160	-	479	-	15,768	111	239	16,597	16,597						
North Dakota	4,421	1,024	1,027	8,003	39	131	10,224	14,645	43	37	153	272	21	134	617	660	4,464	1,061	1,180	8,275	60	265	10,841	15,305						
Ohio	-	62	1,218	10,993	1,969	50	14,292	14,292	-	-	500	7,426	1,735	364	10,025	10,025	-	62	1,718	18,419	3,704	414	24,317	24,317						
Oklahoma	4,449	7,990	293	9,759	1,441	290	19,773	24,222	106	903	24	2,240	162	581	3,910	4,016	4,555	8,893	317	11,999	1,603	871	23,663	28,238						
Oregon	853	167	2,692	7,060	12	15	9,866	10,819	-	28	169	3,070	33	58	3,358	3,358	853	215	2,861	10,130	45	73	13,324	14,177						
Pennsylvania	-	-	4,055	3,973	3,780	80	11,888	11,888	-	18	3,860	3,626	2,871	300	10,675	10,675	-	18	7,915	7,599	6,651	380	22,563	22,563						
Rhode Island	-	-	88	66	38	20	212	212	-	9	839	315	46	9	1,218	1,218	-	9	927	381	84	29	1,430	1,430						
South Carolina	-	-	8,681	3,121	239	4	12,045	12,045	-	2	1,756	893	53	16	2,720	2,720	-	2	10,437	4,014	292	20	14,765	14,765						
South Dakota	4,956	4,138	1,976	4,791	78	131	11,114	16,070	43	305	96	48	16	126	591	634	4,999	4,443	2,072	4,839	94	257	11,705	16,704						
Tennessee	-	-	-	7,992	770	-	8,762	8,762	-	-	-	4,295	1,086	25	5,406	5,406	-	-	-	12,287	1,856	25	14,168	14,168						
Texas	-	19,642	2,961	21,294	2,085	203	46,185	46,185	131	6,134	1,278	3,748	4,344	2,842	18,346	18,477	131	25,776	4,239	25,042	6,429	3,045	64,531	64,662						
Utah	380	-	754	3,445	-	-	4,199	4,579	5	-	621	776	1	52	1,450	1,455	385	-	1,375	4,221	1	52	5,649	6,034						
Vermont	-	377	67	2,275	-	2	2,721	2,721	2	74	39	305	-	5	423	425	2	451	106	2,580	-	7	3,144	3,144						
Virginia	-	3,047	783	9,041	90	55	13,016	13,016	14	146	69	4,184	130	73	4,602	4,616	14	3,193	852	13,225	220	128	17,618	17,632						
Washington	174	506	2,737	6,714	36	33	10,026	10,200	-	113	1,789	3,051	398	192	5,543	5,543	174	619	4,526	9,765	434	225	15,569	15,743						
West Virginia	-	420	364	6,632	11	10	7,437	7,437	-	14	14	821	33	66	948	948	-	434	378	7,453	44	76	8,385	8,385						
Wisconsin	-	-	2,876	13,184	1,974	210	18,244	18,244	-	30	117	3,881	974	1,361	5,863	5,863	-	30	2,993	16,565	2,948	1,571	24,107	24,107						
Wyoming	43	16	1,825	1,973	-	46	3,860	3,903	20	15	108	611	-	37	771	791	-	63	1,933	2,584	-	83	4,631	4,694						
U.S. Total	41,113	64,710	109,789	299,582	34,791	16,181	525,053	566,166	1,420	13,466	46,067	130,590	28,851	14,721	233,695	235,115	42,533	78,176	155,856	430,172	63,642	30,902	758,748	801,281						
Puerto Rico	-	-	18	484	-	-	502	502	-	-	31	2,497	2	53	2,583	2,583	-	-	49	2,981	2	53	3,085	3,085						
Grand Total	41,113	64,710	109,807	300,066	34,791	16,181	525,555	566,668	1,420	13,466	46,098	133,087	28,853	14,774	236,278	237,698	42,533	78,176	155,905	433,153	63,644	30,955	761,833	804,366						

For footnotes, see Footnotes Page.

# FEDERAL-AID HIGHWAY LENGTH - 2004

## MILES BY TYPE OF SURFACE

HM-31 Footnotes Page:

1/ Some differences from other tables may be noted because these are estimated from sample data; samples entirely on structures are not included.

2/ Paved includes the following categories: Low Type-- an earth, gravel or stone roadway which has a bituminous surface course less than 1" thick--suitable for occasional heavy loads; Intermediate Type-- a mixed bituminous or bituminous penetration roadway on a flexible base having a combined surface and base thickness less than 7"; High-Type Flexible-- a mixed bituminous or bituminous penetration roadway on a flexible base with a combined surface thickness of 7" or more; also includes brick, block or combination roadways; High-Type Composite-- a mixed bituminous or bituminous penetration roadway of more than 1" compacted material on a rigid base with a combined surface and base thickness 7" or more; High-Type Rigid-- a Portland Cement Concrete roadway with or without a bituminous wearing surface of less than 1." Interstate data shown does not include Low and Intermediate Type.

3/ 2003 data used.