

TABLE 8.01 Public Works: 1935 to 2011

	Highway system			Highway Revenue		Equipment Depot Repair Jobs	Building Permits		New Building Permits						Street Lights Total	Sanitary District Improvements		Fire Service Calls
	Total Road Mileage (7)	County Road Mileage	State Road Mileage (7)	Gas Tax (8)	Misc.		New	Alterations	Single Family	Two-Family/ Duplex	Apartment	Theater	Radio Station	Misc.		Feet of Water Line	Feet of Sewer Line	
1935	498.43	384.74	113.69	\$117,057.50	\$30,953.41	974	154	25	---	---	---	---	---	---	1158	928	58	
1936	505.53	389.86	115.67	---	---	1263	557	166	---	---	---	---	---	35	7721	2697	37	
1937	531.76	412.90	118.86	---	---	1706	740	160	---	---	---	---	---	35	3757	6890	50	
1938	532.51	413.65	118.86	---	---	1079	767	190	562	4	3	3	2	193	4527	2155	68	
1939	540.69	422.13	118.56	---	---	1259	1025	170	762	21	4	0	0	238	3538	15113	79	
1940	548.54	429.98	118.56	---	---	1776	1076	148	901	7	2	0	0	166	6735	33695	104	
1941	558.71	440.15	118.56	---	---	1551	1315	192	1091	1	0	0	0	223	9431	5435	114	
1942 (1)	484.15	375.58	108.57	---	---	---	1333	148	1028	64	11	---	---	230	1308	---	485	
1943	485.06	377.65	107.41	---	---	1052	326	94	181	1	0	---	---	144	10388	7894	---	
1944 (2)	482.04	378.95	103.09	\$144,476.44	\$2,808.57	795	186	79	32	2	0	---	---	152	300	130	---	
1945	486.59	383.50	103.09	\$156,736.64	\$8,595.47	---	279	101	127	0	0	---	---	152	1544	129	229	
1946	487.30	384.21	103.09	\$176,473.21	\$4,297.98	1394	1252	188	1012	0	0	---	---	240	5021	1300	202	
1947 (3)	494.65	391.56	103.09	\$333,055.92	\$38,168.57	1636	1708	287	1262	87	5	---	---	354	7040	2387	320	
1948 (4)	503.41	400.32	103.09	\$395,372.99	\$9,735.45	3278	2453	378	1970	6	49	---	---	806	8234	6166	252	
1949	522.01	418.92	103.09	\$443,291.40	\$10,105.46	4285	1882	583	1172	0	156	---	---	554	18978	165208	278	
1950	546.44	443.35	103.09	\$487,223.53	\$1,665.09	4985	2330	678	1636	22	102	---	---	570	20366	8063	326	
1951	560.35	457.26	103.09	\$546,874.70	\$23,751.15	---	2210	542	1625	5	85	---	---	495	28202	10234	219	
1952	577.13	477.89	99.24	\$604,028.78	\$8,157.62	---	2103	691	1510	4	0	---	---	589	9041	8200	363	
1953	588.05	488.81	99.24	\$665,265.56	\$8,549.81	---	1931	1009	1366	2	0	---	---	563	10877	10257	292	
1954	619.86	520.62	99.24	\$685,754.51	\$10,791.18	---	2129	1088	1571	1	0	---	---	557	187507	174160	917	
1955	637.19	537.95	99.24	\$703,993.53	\$26,988.73	---	3242	1384	2598	24	0	---	---	465	213312	94916	792	
1956 (5)	697.10	597.86	99.24	\$770,880.83	\$60,949.06	---	3252	1257	2330	2	0	---	---	510	192166	187286	625	
1957 (6)	717.12	617.88	99.24	\$833,863.84	\$222,616.87	---	---	---	---	---	---	---	---	---	---	---	---	
1958	723.73	624.49	99.24	\$884,624.90	\$105,914.79	---	---	---	---	---	---	---	---	---	---	---	---	
1959	737.24	636.18	101.06	\$902,038.87	\$90,965.44	---	---	---	---	---	---	---	---	---	---	---	---	
1960	750.96	650.05	100.91	\$959,478.88	\$77,681.33	---	---	---	---	---	---	---	---	---	---	---	---	
1961	763.37	662.46	100.91	\$1,133,364.91	\$103,916.95	---	---	---	---	---	---	---	---	---	---	---	---	
1962	772.51	671.60	100.91	\$1,349,697.90	\$177,718.21	---	---	---	---	---	---	---	---	---	---	---	---	
1963	788.15	687.24	100.91	\$1,380,315.75	\$232,680.47	---	---	---	---	---	---	---	---	---	---	---	---	
1964	800.05	699.14	100.91	\$1,540,270.71	\$191,882.96	---	---	---	---	---	---	---	---	---	---	---	---	
1965	809.52	708.61	100.91	\$1,688,573.43	\$230,969.29	---	---	---	---	---	---	---	---	---	---	---	---	
1966	817.75	716.84	100.91	\$1,800,203.00	\$166,513.69	---	---	---	---	---	---	---	---	---	---	---	---	
1967	824.79	723.88	100.91	\$1,884,824.72	\$322,349.57	---	---	---	---	---	---	---	---	---	---	---	---	
1968	846.89	745.98	100.91	\$2,048,642.15	\$348,694.09	---	---	---	---	---	---	---	---	---	---	---	---	
1969	863.03	762.12	100.91	\$2,180,631.23	\$300,591.44	---	---	---	---	---	---	---	---	---	---	---	---	
1970	870.69	769.78	100.91	\$2,245,171.54	\$368,963.97	---	---	---	---	---	---	---	---	---	---	---	---	
1971	879.30	778.39	100.91	\$2,482,337.02	\$303,193.93	---	---	---	---	---	---	---	---	---	---	---	---	
1972	889.88	788.97	100.91	\$2,720,157.84	\$298,505.03	---	---	---	---	---	---	---	---	---	---	---	---	
1973	896.71	795.80	100.91	\$3,339,120.89	\$305,340.07	---	---	---	---	---	---	---	---	---	---	---	---	
1974	909.92	809.01	100.91	\$4,661,329.65	\$692,841.47	---	---	---	---	---	---	---	---	---	---	---	---	
1975	928.05	827.14	100.91	\$4,389,928.53	\$810,538.22	---	---	---	---	---	---	---	---	---	---	---	---	
1976	941.04	840.13	100.91	\$6,413,115.67	\$763,531.89	---	---	---	---	---	---	---	---	---	---	---	---	
1977	953.64	852.73	100.91	\$4,705,271.12	\$995,083.66	---	---	---	---	---	---	---	---	---	---	---	---	
1978	958.91	858.00	100.91	\$5,686,913.53	\$747,727.42	---	---	---	---	---	---	---	---	---	---	---	---	
1979	970.69	869.78	100.91	\$5,693,505.49	\$838,762.93	---	---	---	---	---	---	---	---	---	---	---	---	
1980	986.81	885.90	100.91	\$5,521,392.01	\$512,348.81	---	---	---	---	---	---	---	---	---	---	---	---	
1981	1006.20	905.29	100.91	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
1982	1016.25	915.34	100.91	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
1983	1024.38	923.47	100.91	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
1984	1033.14	932.23	100.91	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
1985	1047.10	946.10	100.91	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
1986	1088.84	987.93	100.91	---	---	---	---	---	---	---	---	---	---	---	---	---	---	

**TABLE 8.01 Public Works: 1935 to 2011**

	Highway system			Highway Revenue		Equipment Depot Repair Jobs	Building Permits		New Building Permits					Street Lights Total	Sanitary District Improvements		Fire Service Calls
	Total Road Mileage (7)	County Road Mileage	State Road Mileage (7)	Gas Tax (8)	Misc.		New	Alterations	Single Family	Two-Family/ Duplex	Apartment	Theater	Radio Station		Misc.	Feet of Water Line	
1987	1102.91	1002.00	100.91	---	---	---	---	---	---	---	---	---	---	---	---	---	
1988	1128.40	1027.49	100.91	---	---	---	---	---	---	---	---	---	---	---	---	---	
1989	1152.43	1051.52	100.91	---	---	---	---	---	---	---	---	---	---	---	---	---	
1990	1190.70	1082.70	108.00	---	---	---	---	---	---	---	---	---	---	---	---	---	
1991	1211.85	1103.85	108.00	---	---	---	---	---	---	---	---	---	---	---	---	---	
1992	1225.81	1117.81	108.00	---	---	---	---	---	---	---	---	---	---	---	---	---	
1993	---	1153.47	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
1994	---	1167.35	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
1995	---	1159.84	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
1996	---	1183.08	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
1997	---	1195.12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
1998	---	1203.84	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
1999	---	1211.37	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
2000	---	1223.14	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
2001	1415.34	1234.16	181.18	---	---	---	---	---	---	---	---	---	---	---	---	---	
2002	1431.76	1250.58	181.18	---	---	---	---	---	---	---	---	---	---	---	---	---	
2003	1445.70	1263.62	182.08	---	---	---	---	---	---	---	---	---	---	---	---	---	
2004	1462.63	1271.59	191.04	---	---	---	---	---	---	---	---	---	---	---	---	---	
2005	1470.39	1279.35	191.04	---	---	---	---	---	---	---	---	---	---	---	---	---	
2006	1489.34	1298.30	191.04	---	---	---	---	---	---	---	---	---	---	---	---	---	
2007	1502.22	1311.18	191.04	---	---	---	---	---	---	---	---	---	---	---	---	---	
2008	1512.24	1321.20	191.04	---	---	---	---	---	---	---	---	---	---	---	---	---	
2009	---	1331.53	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
2010	---	1337.18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
2011	---	1340.64	---	---	---	---	---	---	---	---	---	---	---	---	---	---	

Sources:  
 Henrico Annual Report  
 DPW Road Inventory Document  
 VDOT Daily Vehicle Miles Traveled by Maintenance Jurisdiction Report

- (1) Richmond annexation
- (2) Garbage collection started 7/1/43 no charge to use
- (3) Lakeside - \$0.1 levy for Fire Protection
- (4) Breakdown changed to reflect total permits.
- (5) The building permit, street lights, sanitary district improvements, and fire service calls listed through 1956 were included because those responsibilities belonged to Public Works. Information was no longer included in Annual Report under Public Works.
- (6) Dangerous "S" curve east of Sandy Lane eliminated.
- (7) The Total Road Mileage and State Road Mileage is not included for 1993 through 2000 because it was not available.
- (8) The Gas Tax Revenue is not included after 1980 because it was not available.

**TABLE 8.02 Public Utilities: 1931 to 2011**

Fiscal Year	Total Water Pipe (Miles)	Total Water Customers	Water Treatment Plant	Total Sewer Pipe (miles)	Total Sewer Customers	Water Reclamation Facility	Landfills
1931	<i>December 1, 1931 First Henrico Sanitary District created</i>						
1935		1,007			1,052		
1936	42.39	1,321		35.48	1,157		
1937	43.10	1,468		36.78	1,298		
1938	44.04	1,658		37.19	1,413		
1939	44.71	1,794		41.06	1,740		
1940	67.00	3,291		52.22	1,911		
1941	70.31	2,961		55.08	2,215		
1942 (1)	37.69	1,259		11.05	523		
1943	39.66	2,256		12.55	799		County Refuse Collection begins July 1, 1943
1944	41.72	1,529		12.58	684		
1945	42.01	1,579		12.60	735		
1946	42.96	2,144		12.85	827		
1947	47.79	2,555		13.29	953		
1948	54.70	3,369		14.46	1,034		
1949	67.31	4,167		46.17	2,767		
1950	71.16	5,007		47.69	3,148		
1951	79.45	5,703		52.09	3,675		
1952	81.36	6,964		59.09	4,815		
1953	84.56	7,488		63.66	5,176		Nine Mile Road Landfill Opens
1954	131.02	10,901		99.03	8,281		
1955	172.00	13,039		116.97	9,339		
1956	207.59	14,858		152.55	10,450		
1957	246.94	16,425		188.19	13,125		
1958	259.24	18,096		201.27	14,508		
1959	276.33	19,811		209.55	16,134		
1960	294.41	20,837		218.60	16,985		
1961	309.05	21,682		226.31	17,834		
1962	331.02	22,512		248.90	18,193		

**TABLE 8.02 Public Utilities: 1931 to 2011**

Fiscal Year	Total Water Pipe (Miles)	Total Water Customers	Water Treatment Plant	Total Sewer Pipe (miles)	Total Sewer Customers	Water Reclamation Facility	Landfills
1963	361.34	24,291		303.67	19,409		
1964	375.00	25,222		325.79	20,658		
1965	397.47	25,916		368.32	21,208		
1966	411.13	26,542		380.77	23,836		Springfield Road Landfill Opens
1967	433.48	28,009		401.15	25,261		
1968	473.64	28,880		505.94	25,745		
1969	511.83	30,122		540.31	26,267		
1970	516.03	30,675		545.21	26,820		
1971	520.33	33,077		550.21	28,684		
1972	524.38	33,818		555.21	30,073		
1973	539.35	34,963		573.78	30,883		
1974	555.41	36,669		586.90	32,605		
1975	576.68	38,070		606.62	33,959		
1976	596.19	39,246		645.04	36,375		
1977	617.48	40,571		652.98	37,572		
1978	637.88	41,866		696.47	39,359		Charles City Road Opens, Nine Mile Road Closes
1979	665.48	44,155		724.47	41,852		
1980	687.76	45,580		750.74	43,714		
1981	718.81	47,341		775.58	45,413		
1982	740.06	48,108		796.41	46,162		
1983	758.64	49,144		816.42	47,011		
1984	776.62	50,616		840.03	48,635		
1985	796.00	52,700		860.00	50,385		
1986	818.00	54,221		878.00	52,109		
1987	841.00	56,576		898.00	54,290		
1988	863.00	58,906		918.00	56,516		
1989	910.00	61,162		959.00	58,652	30 MGD Facility Opens	
1990	945.00	62,946		1,008.00	60,342		
1991	997.00	64,482		1,046.00	62,078		

**TABLE 8.02 Public Utilities: 1931 to 2011**

Fiscal Year	Total Water Pipe (Miles)	Total Water Customers	Water Treatment Plant	Total Sewer Pipe (miles)	Total Sewer Customers	Water Reclamation Facility	Landfills
1992	1,034.00	66,056		1,076.00	63,352		
1993	1,063.75	68,000		1,091.08	65,100		
1994	1,084.91	69,500		1,103.73	66,500		
1995	1,104.24	70,600		1,116.53	67,860		
1996	1,120.64	73,200		1,130.13	70,600		
1997	1,145.84	74,900		1,147.93	72,300	Upgrade to 45 MGD	
1998	1,162.94	76,200		1,158.23	73,900		
1999	1,193.34	77,500		1,190.83	74,800		
2000	1,247.04	78,400		1,235.03	75,100		
2001	1,277.74	81,400		1,257.63	78,300		
2002	1,314.77	83,100		1,285.63	79,600		
2003	1,337.28	84,500		1,304.06	83,100		
2004	1,370.04	86,400	55 MGD Facility Opens	1,324.39	84,900		
2005	1,403.45	87,200		1,345.06	85,300	Upgrade to 75 MGD	
2006	1,431.19	88,500		1,364.19	86,600		
2007	1,462.52	90,300		1,390.58	88,300		
2008	1,492.48	94,186		1,414.29	90,936		
2009 (2)	1,516.96	91,562		1,434.32	88,655		
2010	1,528.36	91,776		1,443.11	88,854		
2011	1,547.71	92,243		1,450.13	89,355		

Source: County of Henrico Annual Reports

(1) City Annexation

(2) Customer Data Correction

**TABLE 8.03 Natural Gas Customers and Gas Mains: 1909 to 2010**

Gas Customers in Henrico County			Gas Mains Installed in Henrico County	
From	To	Customer Count	Period (By Decades)	Length (Miles)
10-Jun-1909	10-Jun-1919	0	Pre 1930	0
10-Jun-1919	10-Jun-1929	0	1930 - 1940	0.19
10-Jun-1929	10-Jun-1939	0	1940 - 1950	0.09
10-Jun-1939	10-Jun-1949	0	1950 - 1960	108.37
10-Jun-1949	10-Jun-1959	1	1960 - 1970	117.51
10-Jun-1959	10-Jun-1969	0	1970 - 1980	70.05
10-Jun-1969	10-Jun-1979	5,799	1980 - 1990	130.82
10-Jun-1979	10-Jun-1989	5,852	1990 - 2000	350.14
10-Jun-1989	10-Jun-1999	42,017	2000 - 2009	217.46
10-Jun-1999	10-Jun-2009	48,697	2009 - 2010	8.47
10-Jun-2009	10-Jun-2010	55,907		
	<b>Total</b>	<b>158,273</b>	<b>Total</b>	<b>1003.1</b>

Source: City of Richmond, Department of Public Utilities, as of July 2010.