

Hillsboro, Oregon  
January 1, 1953

Honorable Mayor & City Council  
City of Hillsboro  
Hillsboro, Oregon

Gentlemen:

I have the honor of presenting to you the Annual Report of  
the City of Hillsboro for the year ending December 31, 1952.

I wish to take this opportunity to express my appreciation to  
Mayor Leslie J. Alter, the members of the Council and to all  
City Officials and employees who have so faithfully and ably  
assisted in the functioning of our city government during the  
past year.

Respectfully submitted,

J. W. Barney, City Manager

JWB:l

# CITY OFFICIALS - 1952

Leslie J. Alter .....	January,	1951 .....	Mayor
H. L. Bickford .....	Ward 1 January,	1947 .....	Councilman
Thos. C. Doyle .....	Ward 1 January,	1949 .....	Councilman
Walter S. Fraser .....	Ward 2 January,	1951 .....	Councilman
Harley Cruse .....	Ward 2 January,	1949 .....	Councilman
Keith Fenner .....	Ward 3 October,	1950 .....	Councilman
C. A. Plumstead .....	Ward 3 January,	1949 .....	Councilman

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J. W. Barney .....	January,	1939 ..	City Manager-Engineer
E. M. Bowman .....	January,	1937 .....	City Recorder
Paul L. Patterson .....	March,	1933 .....	City Attorney
W. C. Christensen .....	June,	1927 .....	City Treasurer
A. L. Amacher .....	July,	1937 .....	City Auditor
W. A. Dillon .....	January,	1929 .....	Fire Marshal)
	December,	1941 .....	Fire Chief )
Melvin E. DeRock .....	September,	1947 .....	Chief of Police
Dr. Hollister M. Stolte .....	January,	1947 .....	Health Officer

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## LIBRARY BOARD

J. M. Person, Chairman  
C. A. Plumstead, Council Member  
Mrs. Evelyn Searcy  
Mrs. J. W. Bailey  
Mrs. Verne McKinney  
Kenneth Peterson  
W. C. Schwenn

#### UTILITIES COMMISSION

F. V. Engeldinger	February, 1940	Chairman
J. M. Person	February, 1940	Commissioner
O. B. Gates	August, 1945	Commissioner
E. M. Bowman	February, 1940	Secretary
R. E. Wiley	February, 1940	Superintendent
J. W. Barney	February, 1940	Engineer-Manager

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#### PARK COMMISSION

A. O. Johnson, Chairman, appointed May 2, 1950 - Term expires Dec. 31, 1952  
Harold I. Wynne, appointed Feb., 1950 - Term expires Dec. 31, 1953  
Kenneth Cruse, appointed May 4, 1948 - Term expires Dec. 31, 1954

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#### PLANNING COMMISSION

E. J. McAlear,	Term expires January 1, 1954	President
O. B. Gates,	Term expires January 1, 1954	Commissioner
Nye O. Bristol,	Term expires January 1, 1953	Commissioner
Lloyd Anderson,	Term expires January 1, 1953	Commissioner
Orange Phelps,	Term expires January 1, 1955	Commissioner
Harry Aldinger,	Term expires January 1, 1955	Commissioner
J. W. Bailey,	Term expires January 1, 1952	Commissioner
Mr. Bailey passed away November 26, 1951		
C. Henry Nelson	- appointed to fill unexpired term	Commissioner

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#### BUDGET COMMITTEE 1952

##### By Appointment

H. L. MacKenzie,	Term expires December 31, 1953
W. H. Wieber,	Term expires December 31, 1953
J. L. Searcy,	Term expires December 31, 1952
Clifford E. Cornutt,	Term expires December 31, 1952
J. O. Robb,	Term expires December 31, 1954
John R. Cox,	Term expires December 31, 1954

# MAYORS CITY OF HILLSBORO

## Name

A. Luelling .....	Dec. 8,	1876	to	Dec. 10,	1877
Chas. T. Tozier .....	Dec. 10,	1877	to	Dec. 3,	1878
A. M. Collins .....	Dec. 3,	1878	to	Dec. 2,	1879
W. D. Pittenger .....	Dec. 2,	1879	to	Dec. 18,	1880
P. M. Dennis .....	Dec. 18,	1880	to	Jan. 2,	1882
R. Crandall .....	Jan. 2,	1882	to	Dec. 13,	1882
Thos. H. Tongue .....	Dec. 13,	1882	to	Dec. 10,	1883
A. M. Collins .....	Dec. 10,	1883	to	Dec. 7,	1884
R. Crandall .....	Dec. 7,	1884	to	Dec. 14,	1885
W. D. Hare .....	Dec. 14,	1885	to	Dec. 13,	1886
Thos. H. Tongue .....	Dec. 13,	1886	to	Dec. 9,	1887
F. A. Bailey .....	Dec. 9,	1887	to	Dec. 3,	1888
S. T. Linklater .....	Dec. 3,	1888	to	Dec. 2,	1889
S. B. Huston .....	Dec. 2,	1889	to	Dec. 5,	1890
F. A. Bailey .....	Dec. 5,	1890	to	Dec. 11,	1891
F. A. Bailey .....	Dec. 11,	1891	to	Dec. 6,	1892
J. D. Merryman .....	Dec. 6,	1892	to	Dec. 5,	1893
J. C. Hare .....	Dec. 5,	1893	to	Dec. 4,	1894
S. B. Huston .....	Dec. 4,	1894	to	Dec. 5,	1895
R. B. Goodin .....	Dec. 5,	1895	to	Dec. 8,	1896
W. N. Barrett .....	Dec. 8,	1896	to	Dec. 5,	1899
Geo. H. Wilcox .....	Dec. 5,	1899	to	Dec. 4,	1900
F. A. Bailey .....	Dec. 4,	1900	to	Dec. 2,	1902
W. N. Barrett .....	Dec. 2,	1902	to	Dec. 15,	1903
B. P. Cornelius .....	Dec. 15,	1903	to	Dec. 4,	1906
John Dennis .....	Dec. 4,	1906	to	Dec. 1,	1908
J. W. Connell .....	Dec. 1,	1908	to	Dec. 7,	1909
A. B. Bailey .....	Dec. 7,	1909	to	Dec. 6,	1910
H. T. Bagley .....	Dec. 6,	1910	to	Jan. 5,	1915
W. N. Barrett .....	Jan. 5,	1915	to	Jan. 2,	1917
John M. Wall .....	Jan. 2,	1917	to	Jan. 4,	1921
A. C. Shute .....	Jan. 4,	1921	to	Feb. 5,	1924
J. B. Trullinger .....	Feb. 5,	1924	to	Jan. 6,	1925
M. P. Cady .....	Jan. 6,	1925	to	Jan. 2,	1929
O. Phelps .....	Jan. 2,	1929	to	Jan. 2,	1935
J. H. Garrett .....	Jan. 2,	1935	to	Jan. 3,	1939
H. S. Rogers .....	Jan. 3,	1939	to	Apr. 20,	1945
E. A. Griffith .....	Apr. 27,	1945	to	Jan. 4,	1949
H. M. Seabold .....	Jan. 4,	1949	to	Jan. 2,	1951
L. J. Alter .....	Jan. 2,	1951	to		

# STATISTICS

Area of City of Hillsboro - 1.54 square miles

Incorporated, 1876

Population - 1910 - 2,016 Federal census

1920 - 2,468 " "

1930 - 3,039 " "

1940 - 3,747 " "

1950 - 5,142 " "

## Tax Rates and Assessed Valuation

<u>Assessed Valuation</u> <u>Year</u>	<u>Assessed</u> <u>Valuation</u>	<u>Millage</u> <u>Rate</u>	<u>Amount</u> <u>of Tax</u>
1952-- 53	\$ 3,780,009.36	19.6	\$ 74,088.19
1951 - 52	3,577,483.30	17.6	62,963.71
1950 - 51	3,358,353.39	17.5	58,771.18
1949 - 50	3,290,323.02	14.7	48,367.75
1948 - 49	3,020,720.66	14.1	42,592.16
1947 - 48	2,796,066.76	13.7	38,306.11
1946 - 47	2,418,289.81	15.5	37,483.49
1945 - 46	2,374,305.85	15.1	35,852.01
1944 - 45	2,301,967.93	15.5	35,680.50
1943 - 44	2,187,831.62	15.8	34,567.74
1942 - 43	2,134,100.66	15.9	33,932.20
1942 - 6 mo.	1,980,472.68	7.5	14,853.54
1941	1,888,106.42	17.6	33,230.67
1940	1,886,629.47	17.4	32,827.35
1939	1,844,479.33	16.8	30,987.25

## Comparison of Hillsboro Tax Rates

for 1951-52 with other cities in Washington County

<u>City</u>	<u>Special</u> <u>City Millage</u> <u>Rate</u>	<u>Total Millage</u> <u>Levied within</u> <u>the City</u>
Banks	40.2	131.4
Beaverton	18.4	105.4
Cornelius	30.9	115.2
Forest Grove	21.7	106.3
Gaston	25.5	116.9
Hillsboro	19.6	92.0
Sherwood	19.6	107.1
Tualatin	19.9	114.5

FINANCES

General Obligation Bonds Outstanding, December 31, 1952

Fire Station Bonds - 1948 Issue	\$ 49,000.00
Swimming Pool Bonds - 1951 Issue	86,000.00
Special Assessment (Improvement Bonds) 1951 Issue	30,000.00

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Total General Obligation Bonds	\$ 165,000.00
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Sewer Bonds Outstanding December 31, 1952

1938 Issue	\$ 76,000.00
1941 Issue	7,000.00
1952 Issue	150,000.00

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Total Sewer Bonds	\$ 233,000.00
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Water Revenue Bonds Outstanding December 31, 1952

Plant Purchase - 1940 Issue	\$ 92,000.00
Plant - Re-construction-1946 Issue	522,000.00
Plant - Re-construction-1947 Issue	130,000.00

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Total Water Revenue Bonds	\$ 744,000.00
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Total All Bonds Outstanding December 31, 1952	\$ 1,142,000.00
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Bonded Debt Limitation - 5% on 1952-53 Valuation Equalized to 60% of Value

Assessed Valuation, 1952-53 on 38% Basis	\$ 3,780,009.36
Assessed Valuation, 1952-53 on 100% Basis	9,947,393.00
Assessed Valuation, 1952-53 on 60% Basis	5,968,435.80

5% Limit = 298,421.79 maximum bonding

Capacity - General Obligation Bonds

General Fund Expenditures During Calendar Year

General Administration	\$ 11,180.34
City Hall, Building Operation and Maintenance	5,172.54
Insurance - Fire, Theft, P.L.P.D., etc.	3,052.63
Police Department, including jail	25,613.62
Fire Protection, including hydrant service	16,846.42
Engineering	40.62
Street lighting	8,747.97
Airport, Maintenance and operation	3,276.74
Health Officer	120.00
Annual Cleanup	198.35
Parks and Recreation	10,328.21
Swimming Pool- Plans and specifications	1,726.32
Public Library	7,598.86
Public Employees Retirement	2,815.78
Emergencies	812.23
Miscellaneous Expenditures	705.64
Civil Defense, including operation sky watch	131.94
Parking Meters, Maintenance and repair	1,486.12
Radio Equipment, Operation, maintenance and repair	575.14
Interest Paid on Warrants	244.25
Public Parking Lot - Maintenance and improvements	412.12
Fire Station Bonds Retired	9,000.00
Swimming Pool Bonds Retired	4,000.00
Airport Bonds Retired	4,000.00
Interest Paid on Bonds	3,955.00

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Total General Fund Expenditures \$ 122,040.84

General Fund Receipts During Calendar Year

Fees and Licenses	\$ 4,389.99
Franchises, Public Utilities and Garbage Collection	6,663.54
Permits, Building, Wiring, Plumbing, etc.	1,457.40
Fines and Forfeitures	13,266.70
Rural Fire Protection	9,052.51
Liquor Revenue	6,446.13
Bicycle Licenses	88.00
City Parks - Skating, Fourth of July Celebration, Ball Park, Armory Rent, etc.	3,080.31
Airport - Rentals, Agricultural Lease & Gasoline Revenue	5,729.90
Miscellaneous	41.92
Parking Meters	18,952.90
Refunds	960.23
Property Sales	44.50
Dog Redemption	5.00
Taxes Collected	58,788.60
Interest on U. S. Gov't Bonds	1,132.17

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Total All Receipts \$ 130,099.80

GENERAL GOVERNMENT  
continued

Street Fund Expenditures During Calendar Year

City Engineer	\$ 4,381.48
Traffic Control	2,690.79
Street Maintenance	19,628.52
Street Cleaning	2,995.53
Street Improvements	10,796.25
Interest on Warrants	161.37
Miscellaneous Expenditures	1,869.81
Miscellaneous Improvements made in Prior Years Affecting City Owned Property and Carried in Working Capital Account	6,552.68

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Total All Street Fund Expenditures	\$ 49,076.43
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Street Fund Receipts During Calendar Year

State Gasoline Tax Apportionment	\$ 30,060.64
County Road Tax - 50% Returned to City	14,263.60
Miscellaneous Receipts	1,321.85

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Total All Street Fund Receipts	\$ 45,646.09
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## POLICE DEPARTMENT

Total number of men including Chief	6
Radio Equipped Patrol Cars	2
Broadcasting station 250 watt, call letters KOA-620, located in Police Station and manned by Police Dept.	
By means of remote control units and booster stations the Washington County Sheriff Department together with other cities and rural fire districts of Washington County operate through the Hillsboro Station. This service is furnished free to other governmental units of the county.	
Total cost of operating Police Department, including operation of jail in 1952	\$ 25,613.62
Receipts, fines and forfeitures	13,266.70
Parking meters	18,952.90
Total receipts, for year 1952	\$ 32,219.60

Police car operation 50,475 miles, as compared to  
59,939 miles for 1951.

### PARKING METERS

Total number meters in operation	298
Total receipts	\$ 18,952.90
Average receipts per meter per month	6.36

### POLICE RESERVES

The police reserve, organized in 1951 to act in case of emergencies, particularly Civil Defense, has been maintained at a strength of 13 men through the year. The Reserve Officers Corps. is made up of business men who volunteer their services in the interest of the City and have performed a very valuable service. The reserves are used during any special event where extra help is needed, such as the Fourth of July Celebration, Fairs, Football Games, etc.

### ACCIDENT RECORD

The accident record of the City has shown a remarkable improvement over 1951. Automobile accidents reported to the Police Department in 1952 totaled 201 against 433 for 1951.

Accidents involving pedestrians, however, increased from 6 in 1951 to 10 in 1952, with three fatalities in 1951 and none in 1952.

It cannot be definitely stated as to what factor or factors contributed to the 50% decrease in total accidents but I feel it safe to assume that a uniform and continuous traffic enforcement program together with improved engineering features such as stop signs, painted crosswalks, prohibited parking at busy intersections etc., have contributed materially to the reduction.

POLICE DEPARTMENT AND MUNICIPAL COURT

Police Department activities during the year were as follows:

Total number of arrests, excluding meters		1325
Warnings issued, excluding meters		877
Fines imposed totaled	\$	12,507.50
Jail sentences totaled		153

Arrests for various violations were as follows:

Violation of the road and driving laws	455
Bicycle offenses	2
Intoxication	102
Driving while under the influence of intoxicating liquor	41
Disorderly conduct	9
Parking in prohibited area	713
Miscellaneous offenses	3

In addition to the arrests made and processed in the Municipal Court, 195 arrests were made and turned over to other enforcing agencies as follows:

District Court, Violation of Motor Vehicle Laws, 46, Violation of Liquor Laws, 23, Child Neglect, 1, Indecent exposure, 1, N.S.F. Check, 1, Larceny 6, P.U.C. Violation, 1, Mental Case, 1, and Hit and Run Driving, 1.

Juvenile Court, Violation of Liquor Laws, 17, Larceny 26, Delinquents, 34, Auto Theft, 1, Armed Burglary, 1 and Peeping Tom, 1.

County Court, Mental Case, 1.

Military Police, 5.

Outside Agencies, 29.

Oregon State Hospital, 1.

Circuit Court, Contributing to the delinquency of a minor, 1, obtaining money under false pretense, 1, and larceny, 1.

# FIRE DEPARTMENT

Total number of paid firemen including Fire Chief 3  
Average enrollment of volunteer firemen 32

Firemen and volunteer firemen meet at least three nights each month, one night for business meeting and two nights for drill or training.

Total cost of operating fire department for year \$ 14,081.42 ✓  
Cost of hydrant service for fire protection \$ 2,765.00  
Total cost of fire protection service \$ 16,846.42  
Income from rural fire protection service ( Wash Co. ) \$ 9,052.51  
Total number of fire calls during year 140  
Calls within city 83  
Calls outside of city 57  
Total man hours required 1096  
Total mileage traveled with fire trucks 2184

Fire losses for 1952 were as follows:

<u>Sound Value</u>	<u>Actual Loss</u>	<u>Insurance Carried</u>	<u>Insurance Paid</u>
\$ 501,200.00	\$ 9,871.54	\$ 395,500.00	\$ 9,871.54

Inventory, Trucks, Pumping Equipment, etc.

	<u>Model</u>	<u>Make</u>	<u>Tank Capacity</u>	<u>Pump Capacity</u>	<u>Auxiliary Hose Reel</u>	<u>Hose Carried</u>	
						<u>1½"</u>	<u>2½"</u>
Truck No. 1	1924	Stutz	- -	500 G.P.M.	- -	250	1000
Truck No. 2	1939	Dodge	- -	500 G.P.M.	- -	200	1000
Truck No. 3	1950	Int.	500 gal.	600 G.P.M.	2	400	500
Truck No. 4	1941	Dodge	500 gal.	500 G.P.M.	1	500	500
Truck No. 5	1939	Chev.	150 gal.	150 G.P.M.	1	150	- -
Standby hose						800	2000
Totals						2,350	5,000

Forestry hose for rural fire protection, 1,000 lineal feet.

## FIRE DEPARTMENT, cont'd

### Fire Station Improvement

During the year the dormitory was finished, except for toilet room including toilet facilities. This was done to provide a place for volunteer firemen to sleep in the station so delay in response to call could be further reduced.

The main club room is still un-finished and therefore cannot be used very extensively.

### Rural Fire Protection

In the past, the City has contracted with the Washington County Court for providing Fire Protection services to the area around Hillsboro, on a basis of the proceeds of a two mill levy on all real property, however, in the spring of 1952 a Rural Fire Protection District was formed including all the area under contract by the City, and the contract with the County was terminated as of June 30, 1952.

The City and the Rural Fire Protection District then entered into a contract whereby the City would continue to provide protection for a portion of the district immediately outside of the City for a sum of \$5,000.00 on a one year basis. The present contract expiring on June 30, 1953

### Insurance Rating

Efforts have been made by the Manager and Fire Chief to secure a re-appraisal of the City by the Insurance Rating Bureau, in the belief that because of improvements made in the water system and the removal of many old wooden structures, the City would be entitled to a more favorable rate for insurance purposes.

Some work has been done on the re-appraisal but the results will not be known until 1953.

## AIRPORT

The Hillsboro Municipal Airport, located 1.5 miles Northeast of Hillsboro on Cornell Road ( Latitude 45° 32' 15" North, Longitude 122° 56' 30" West ) was constructed by the Federal Government on lands owned by the City of Hillsboro in 1942 and 1943 at a cost of \$ 544,520.19 to the Federal Government and \$ 47,170.06 to the City of Hillsboro for purchase of property, right of way, etc.

The Airport contains 284.56 acres and is equipped with two paved runways 150 feet in width by 4,050 feet long, situated N.E. and S.W. and N.W. and S.E., with a 40 foot wide taxiway on the south end connecting the south ends of the runways with a 300' x 300' paved service apron.

Firms operating on the field during the year were:

Ball-Ralston Flying Service  
Inman Flying Service  
Wiks Air Service

All firms are operating in their own hangars, constructed under lease agreements with the City of Hillsboro.

That portion of the field not used in connection with the airport service is farmed under lease from year to year as an additional source of income.

Receipts and disbursements for the year are as follows:

### Expenditures

Maintenance and operation only	\$ 3,276.74
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### Receipts

Building site and operation lease and buildings	\$ 4,610.00
Tax on gasoline sales	394.90
Agricultural lease	725.00
	<hr/>
Total	\$ 5,729.90

Activity on the port has declined steadily the last few years for various reasons, one of which is lack of hangar space, and during the year the Council worked out a program whereby lease extensions would be granted for certain additional hangar space constructed.

Work was started on an additional building by Wiks Air Service but will not be complete until 1953.

## PUBLIC PARKS

### Bagley Park

300' x 320' located on North Second Avenue, between Jackson and Edison Streets for use of small children, is well equipped with slides, seesaws, climbing structures and various other apparatus for small children including a basketball court, soft ball diamond, and an enclosed area for very small children, with pertinent play equipment and shelter shed. The park is equipped with a 10' x 24' brick building for restrooms and office space for recreation supervisors. No additional equipment was added during the year.

### Old Ball Park

396' x 396', 3.46 acres, located between South Ninth and Tenth Avenues and Cedar and Maple Streets, is undeveloped but is used by various groups during each year. This area has been selected as the site for the swimming pool which is to be constructed in 1953.

### Ball Park

Containing 5.04 acres, is located at the south end of South Tenth Avenue, (Tualatin Valley Highway No. 6) is used exclusively for baseball and soft ball and is equipped with lights for evening soft ball.

### Shute Park

Containing 11.27 acres, is located between South Eighth and South Tenth Avenues and between Maple Street and the Southern Pacific Railroad.

Shute Park is provided with an auditorium building 80' x 160', miscellaneous play equipment, fireplaces with tables for picnic lunches, restrooms, etc.

The auditorium is presently used for skating, public dances and other public gatherings. The National Guard is also housed in the building in special rooms provided for that purpose.

The park area is used extensively for picnicing during the summer season and while no record of the usage has been kept, it is not uncommon to see all tables in use on Sundays with many users spreading their lunch on the grass.

Expenses and receipts for the year were as follows:

PUBLIC PARKS

cont.

Expenditures, Maintenance of Grounds and Buildings	\$ 5,260.44
Summer Supervised Recreation Program at Bagley Park	2,377.54
Street Improvements and the residue of expense of installing equipment and developing Bagley Park ( not financed by Service Clubs. )	2,690.23

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Total Expenditures	\$ 10,328.21
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Income, Happy Days Celebration	\$ 914.98
Skating Operation	1,540.33
Ball Park - Rentals	140.00

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Total Receipts	\$ 3,080.31
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## BUILDING

Following is a tabulation of the building permits issued in the City of Hillsboro during the years of 1948 - 1949 - 1950 - 1951 - 1952.

### Building permits issued for year 1948

Residential - New	44	\$ 291,000.00
Commercial - New	17	187,200.00
Schools & - Add		
Churches - New	7	491,166.00
Alterations -	109	123,606.00
Total - - - - -	177	\$1,092,972.00

### Building permits issued for year 1949

Residential - New	56	\$ 297,200.00
Schools - New & Add.	2	305,000.00
Commercial - New	7	87,000.00
Alterations -	101	82,464.00
Total - - - - -	166	\$ 771,664.00

### Building permits issued for year 1950

Residential - New	74	\$ 502,050.00
Commercial - New	8	56,200.00
Alterations	90	165,641.00
Total - - - - -	172	\$ 723,891.00

### Building permits issued for year 1951

Residential - New	56	\$ 508,200.00
Commercial - New	3	24,700.00
Schools & Churches	2	125,500.00
Miscellaneous - including alterations and repairs - private garages etc.	27	109,674.00
Total - - - - -	158	\$ 768,074.00

### Building permits issued for year 1952

Residential - New	34	317,600.00
Commercial - New	11	108,200.00
Schools & Churches	2	60,000.00
Miscellaneous	85	82,405.00
Total - - - - -	132	\$ 568,205.00



### HILLSBORO PUBLIC LIBRARY

The Hillsboro Public Library, constructed in 1914, is owned and financed entirely by the City of Hillsboro, the operation of the library being administered by a Board appointed by the City Council and includes one Council member. Membership of the Board is shown on page 2 of this report.

During 1952 the main floor of the Library was redecorated at a cost of \$2,152.49. This was part of a program to improve the lighting facilities of the building, the re-wiring of the building and installation of light fixtures to be done with funds provided in the 1952-53 budget.

Total expense of the Library for the year was \$ 7,598.86

### LIBRARY STATISTICAL REPORT

Hours of opening - 12:00 Noon to 5:00 P.M. and 6:30 P.M. to 9:00 P.M. all days, except Sundays and holidays.

Total hours open per week - excluding holidays - 45.

Total days open per year - average year - 307.

Number of borrowers registered at beginning of year -	3611
Number registered during year	484
Total number borrowers at end of year	4095

Paid membership increase 46.3% over 1951.

Adult circulation increased 21.2%, Juvenile circulation 31.7% making a total circulation increase of 25.8%.

New Patrons increased 73.3%.

### BOOK INVENTORY

Total number of volumes on hand 31, December 1952	11764
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Number volumes borrowed for home use	33458
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Increase over 1951 - 6919 volumes.

Increase in percentage - 25.8%

Circulation per capita 6.4

Circulation per borrower 8

Circulation per volume 2.85

## WATER SYSTEM

The Water Department is operated separately from other City Departments, under a Utilities Commission, appointed by the Mayor and approved by the Council. The members are F. V. Engeldinger, Chairman, J. H. Person and O. B. Gates, Commissioners.

The City Manager, J. W. Barney acts as engineer and manager and R. E. Wiley is Water Superintendent.

The system is capable of delivering approximately 3,500,000 gallons per day with sufficient water supply at the source to sustain even a greater delivery in low water season.

Water rights are held by the city as follows: Patton Creek or Tualatin River, permit No. 10408 - 15.0 sec. ft.; and Sain Creek, Certificate No. 1882 and 3930 - 5.0 sec. ft.

Since the Tualatin River source was developed it has not been necessary to use the Sain Creek supply, however during the fall of 1952 all of the water in the Tualatin River was used by the system, therefore in order to provide for continued growth of the city it will be necessary to re-activate the Sain Creek supply.

The Sain Creek transmission main is 12" wood stave pipe, laid in 1912 and 1913 and due to the condition of the pipe cannot be used, but must be replaced with new pipe before that source can be re-claimed.

Sain Creek will provide approximately one million gallons per day during the low water period and will cost approximately \$150,000 to replace.

The major improvement in 1952 was the installation of 3900 feet of 12" cast iron pipe, from the main 18" transmission line at Dennis and Baseline north to Jackson Street, thence east on Jackson Street to Second Street; connecting with a 10" cast iron pipe running north on Second Street from the main transmission line.

This is part of the grid system as originally planned and provides another feeder line into town in addition to improving fire flows in the main business and industrial area.

This project cost \$24,490.00 and is included in the additions and betterments as shown in the following data.

Following is the operating statement for the years 1951 and 1952 together with detail of additions and betterments and other statistics regarding the department.

ADDITIONS & BETTERMENTS 1951 and 1952

	<u>1951</u>	<u>1952</u>
<u>SOURCE OF SUPPLY</u>		
Timber Cruise	\$ 336.00	
Timber Trade on Sain Creek		\$ 12,600.00
Structures and Improvements		11.87
<u>PURIFICATION</u>		
Chlorinator House	\$ 222.54	
<u>POWER AND PUMPING PLANT</u>		
Pumping Equipment		\$ 420.74
<u>RESERVOIR</u>		
Fence	\$ 303.88	
Culvert Tile at Highway	569.46	
<u>TRANSMISSION MAIN</u>	\$ 2,197.51	\$ 652.77
<u>DISTRIBUTION SYSTEM</u>		
	<u>1951</u>	<u>1952</u>
1 inch .....	3,525	606 Feet
2 " .....	10,918	7,768 "
6 " .....	1,675	2,187 "
10 " .....	1,320	"
12 " .....	1,000	3,900 "
Total .....	18,438	14,461 "
		\$ 39,273.88
		\$ 44,306.65
<u>SERVICES</u>		
New .....	118	97
Replaced ...	52	32
Total	170	129
		\$ 7,864.12
		\$ 5,700.31
<u>METERS</u>	99	106
		\$ 2,907.19
		\$ 2,274.12
<u>HYDRANTS</u>	7	5
		\$ 1,945.11
		\$ 654.39
<u>OFFICE FURNITURE &amp; EQUIPMENT</u>		
		\$ 555.22
		\$ 1,866.02
<u>TRANSPORTATION EQUIPMENT</u>		
		\$ 58.50
<u>SHOP AND WORK EQUIPMENT</u>		
		\$ 65.70
		\$ 2.00
<u>TOOLS &amp; WORK EQUIPMENT</u>		
		\$ 109.86
		\$ 324.65
<u>STORES EQUIPMENT</u>		
		\$ 425.57
<u>MISCELLANEOUS EQUIPMENT</u>		
		\$ 134.95
<u>TOTAL . . . . .</u>	\$ 56,408.97	\$ 69,374.04

## CITY OF HILLSBORO UTILITIES COMMISSION

## OPERATING STATEMENT FOR 12 MONTHS TO DECEMBER 31, 1952

	<u>1951</u>	<u>1952</u>
<u>REVENUE:</u>		
Residential & Domestic Sales	\$ 89,301.87	\$ 91,448.58
Commercial & Industrial Sales	40,837.25	39,357.92
Irrigation Sales	17.56	49.06
Private Fire Hydrants	313.25	346.16
Public Fire Hydrants	2,712.50	2,765.00
Other Sales to Public Authorities	3,288.93	3,513.29
Sales to Other Water Utilities	<u>15,446.42</u>	<u>15,870.44</u>
Total Operating Revenue	\$ 151,917.78	\$ 153,350.45
Miscellaneous Revenue	<u>93.42</u>	
Total Revenue .....	\$ 152,011.20	\$ 153,350.45
<u>OPERATION:</u>		
Source of Supply	\$ 3,112.68	\$ 2,635.01
Pumping	698.76	482.80
Purification	3,821.64	4,107.76
Transmission	805.49	681.80
Distribution	5,008.73	5,126.72
Customers' Accounts & Collecting	7,837.45	8,577.35
Administration & General	<u>7,224.88</u>	<u>7,386.96</u>
Total Operation .....	\$ 28,509.83	\$ 29,058.40
<u>MAINTENANCE:</u>		
Source of Supply	\$ 439.82	\$ 1,203.22
Pumping	47.73	80.10
Purification	471.47	399.17
Transmission	2,128.06	1,904.29
Distribution	<u>6,781.50</u>	<u>7,922.35</u>
Total Maintenance	\$ 9,868.58	\$ 11,509.13
TOTAL OPERATION EXPENSE .....	\$ 38,378.41	\$ 40,567.53
OPERATING INCOME .....	\$ 113,632.79	\$ 112,782.92
TAXES PAID .....	\$ 57.40	\$ 127.06
INTEREST PAID .....	\$ 14,149.71	\$ 13,783.34
NET EARNINGS .....	\$ 99,425.68	\$ 98,872.53
BOND RETIREMENT .....	\$ 44,666.82	\$ 45,000.00

STATISTICS

<u>YEAR</u>	<u>TOTAL SERVICES</u>	<u>TOTAL METERS</u>	<u>TOTAL HYDRANTS</u>	<u>METERED GALLONS</u>	<u>MILES OF MAINS</u>
1952	2,873	2,857	94	568,526,000	60.88
1951	2,746	2,730	92	570,054,000	58.82
1950	2,729	2,670	85	503,019,000	56.95

## SEWER SYSTEM

The sewer system of the city consists of 23,745 miles of various size mains as hereafter shown, together with an activated sludge treatment plant, constructed in 1936, with a designed capacity of approximately 3500 population, for the domestic waste, and a sewer farm for the disposal of cannery waste by the land use or irrigation process.

Due to the heavy overload on the plant and lines caused by increased population, 5142 by the 1950 census, and the increase in amount of cannery waste, an expansion of the disposal facilities was begun in 1952 with the proceeds of a \$150,000.00 Bond Issue.

The first phase of the program was the acquisition of approximately 150 acres of land adjoining the present farm, making a total of approximately 225 acres suitable for irrigation under the waste disposal program.

The development of this acreage, in addition to clearing, draining, etc., will consist of two 12" treated wood stave pressure lines laid underground approximate 1100 feet apart and running north and south through the farm with outlets at 60 foot intervals to permit the use of a portable overhead sprinkling system in sections of 520 feet in length moved by tractor as a unit.

This disposal method will be used on all cannery waste and on all domestic waste in excess of the present plant capacity. All waste to be combined in a tank at the present disposal plant and pumped into the lines at approximately 40 lbs. pressure at the sprinkler.

The second phase of the project was to provide relief for the over loaded sewer lines leading to the Disposal Plant. This was accomplished by constructing a combination storm and overflow sanitary line from Ninth and Cedar Streets to a point on the city owned farm.

The overflow is so designed that it will function as a sanitary sewer only after the sanitary lines are completely full, which occurs during periods of heavy rainfall and when sufficient water is in the river for diluting the waste.

This work was completed in 1952 and proved very satisfactory during the heavy rains of January 1953.

All pipe and equipment will be purchased and installed in the spring of 1953 before the low water season.

The present program will provide adequate disposal facilities for several years, all depending of course, upon the rate of increase in population or industrial development.

Residential service extensions made during the year were as follows:

	8"	6"
E. Edison, North Sixth to Birchwood Park		150'
N. Sixth Ave., Edison to Grant	916'	
N. Ninth Place	372'	
S. Seventh Ave.	612'	
E. High St.	192'	
Engelwood Drive	369'	
Alley - Block 17- Garden Tracts	111'	
S. Seventh Ave., Oak to Walnut	63'	

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Totals	2365'	150'
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The inventory of the system as of December 31, 1952, is as follows:

<u>Sanitary Sewer Dist. #1</u>	8"	18,924	lin. ft.	3.584 miles
	10"	1,864	lin. ft.	0.353 miles
	12"	1,824	lin. ft.	0.345 miles
	14"	1,858	lin. ft.	0.352 miles
	16"	463	lin. ft.	0.088 miles
	18"	947	lin. ft.	0.179 miles

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Totals, Dist. # 1		25,880	lin. ft.	4.901 miles
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<u>Sanitary Dist. # 2</u>	6"	10,528	lin. ft.	1.994 miles
	8"	56,758	lin. ft.	10.749 miles
	10"	3,363	lin. ft.	0.637 miles
	12"	8,090	lin. ft.	1.532 miles
	15"	5,945	lin. ft.	1.126 miles
	18"	420	lin. ft.	0.080 miles

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Total Dist. #2		85,104	lin. ft.	16.118 miles
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Sanitary Districts # 1 and # 2.

Outfall Main	24"	5,650	lin. ft.	1.070 miles
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Industrial Sewer	8"	922	lin. ft.	0.175 miles
Industrial Sewer	10"	2,456	lin. ft.	0.465 miles
Industrial Sewer outfall	10"	5,363	lin. ft.	1.016 miles

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Total Industrial		8,741	lin. ft.	1.656 miles
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Total all sewers		125,375	lin. ft.	23,745 miles
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STREET DEPARTMENT, cont'd

Receipts and Disbursements for 1952

Disbursements

Office of City Engineer	\$ 4381.48
Traffic, signs, paint, labor, etc.,	2690.79
General Maintenance	19628.52
Miscellaneous Expense	1869.01
Street Cleaning	2995.53
Street Improvements & Betterments	
(Storm sewers, E. Cedar St. & E. Maple St.)	10796.25
Interest on Warrants	161.37

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Total Street Fund Expense	\$ 42523.75
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Under street improvements and betterments the item of \$10,796.25 was the cost of the East Cedar St. storm sewer and the East Maple St. storm sewer combined.

Receipts

State gasoline tax appropriation	30060.64
County Road Tax, refunded to City	14263.60
Miscellaneous Receipts	1181.85

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Total Receipts during year	\$ 45506.09
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Street Improvement by Property Assessments:

The only project undertaken during the year was the installation of a storm drainage system in Block "8" - Ext. #212.

The work was not completed until after December 31, but the total cost of the project was \$3641.26.



## STREET DEPARTMENT

Calendar Year to December 31, 1952

### Streets, curbs and sidewalks

The street system of the City of Hillsboro consists of 27.12 miles, exclusive of alleys and roadways used by the public but not dedicated to public use.

Status of street improvements as of December 31, 1952:

°Permanent type surface, cement concrete asphaltic concrete, with or without curbs	14.30 miles
Oiled macadam - light dust oil only	9.07 " 8.2
Crushed rock or gravel surface, all stages of improvement	2.36 "
Unimproved	1.39 "
<hr/>	
Total	27.12
Total lineal feet of curb, 128,130 feet	24.27 miles
Total lineal feet of sidewalk, 139,959 feet	26.507 miles

Sidewalks - total, 84,517 square yards, including all widths

° Includes State Highways within city, 2.44 miles

### Maintenance Equipment

Major Street equipment owned by the City is as follows:

- 1 - Austin - Western #77 Jr. Motor Patrol Grader
- 3 - 1.5 Ton Dump Trucks
- 1 - 0.5 Ton Pickup Truck
- 1 - I-4 International Tractor with dozer
- 1 - Wayne Street Sweeper, purchased in 1949
- 1 - 1.5 Ton, 500 gal. Tank Street Flusher
- 1 - Barrel Type Concrete Mixer
- 1 - Esbeck - 1.5 - 3 Ton Patching Roller - Purchased 1952