

LAWRENCEVILLE, LAWRENCE TOWNSHIP, MERCER COUNTY, NEW JERSEY.

Population-1930 Township Census was 6,293.

Estimated Local Population 1.000

School Attendance about 500.

IN GENERAL: A small community which is the site of the Lawrenceville Preparatory School, located about 6 miles north of Trenton and served by a trolley line operating between Princeton and Trenton. It is essentially an educational center with no manufacturing. Area of mapped portion about 1.0 square miles. Elevations range from 90 to 192 feet. Main thoroughfares, including roads on the school grounds, are improved and in fair to good condition; others are dirt in fair to poor condition. There are no conditions which should seriously interfere with the response of fire apparatus

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makes of standard type, of which 12 have one 4½-inch and two 2½-inch outlets, and 6 inch gated branches while the balance have two 2½ inch outlets and 4 inch ungated branches. There are 15 on the school system of Corey and Mathews makes of standard type of which 9 have one 4½-inch and two 2½-inch outlets and 6 inch gated branches while the balance have two 2½-inch outlets and 4-inch gated branches. Direction of operation of all hydrants is uniform. Hydrants are inspected twice annually and at time of inspection they were found in good condition. Pressures: Direct reading gauges at the Phillips Avenue well station on the village system and in the pump room on the school system showed respective readings of 57 and 49 pounds at time of inspection. Pressures increase about 3 pounds with full standpipes. Readings taken at six hydrants on the village system showed pressures ranging from 42 to 60 with an average of 50 pounds Readings taken at four hydrants on the school system showed pressures ranging from 32 to 48 with an average of 41 pounds. Fire Flow Tests: Probable supply available for fire protection purposes measured on January 14, 1936 by means of Pitot tube. Location of hydrant, discharge in gallons per minute, pressure before flow and pressure during flow were as follows:

School System:

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West corner Gymnasium, 670-48-36 N. E corner Upper House, 430-44-12. S. W. corner Dickinson Bldg, 480-40-19. Between Rosehill and Doris Dwellings, 50-32-0

Lawrence Water Company Village System Lincoln Highway and Gordon St., 450-47-10 Lincoln Highway and Greenbrook Ave, 315-47-3. W. Long Drive and Orchard Lane, 120-52-3.

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FIRE DEPARTMENT: The village department is a volunteer organization of one independent company. The township appropriates \$1,000 annually for the support of three companies and in addition the Lawrenceville Company receives occasional contributions from the local preparatory school. The active membership is 29 and exempt members provide additional manning. A minimum of about 25 are available at all times. Officers including a chief, assistant chief and two lieutenants are elected annually by the company which owns house, apparatus and equipment. Company: Located on Phillips Avenue west of James Street as shown on map. Building 2-story brick and frame with slate roof, concrete apparatus floor, steam boiler in apparatus room, hose rack, and no telephone. Equipment: One 1939 Buffalo-Hale 100 gp.m. booster engine carrying three 100-gallon booster tanks, 400 feet of booster hose, four 2½-gallon extinguishers, 150 feet of 2½-inch hose, 3 short ladders and meagre minor equipment. One 1927 American La France 400-g.p.m. pumping engine carrying one 60-gallon booster tank, 1,000 feet of 2½-inch hose, 300 feet of 1½-inch hose, two short ladders and fair minor equipment. (The pump on this apparatus was rebuilt during 1935.) Hose: All 2½-inch hose is C.R.L. with National Standard screw couplings. There is 400 feet of reserve hose, and 900 feet of hose is available from the school. Hose is not over five years old and is shifted and tested at 200 pounds in part at bi-monthly drills Operations: The department is governed by company by-laws. The chief has full control of apparatus at all times and of men at drills and fires. Ten drivers are assigned to operate apparatus. Motors are started about twice weekly. Drills and Training: Company drills consisting of hose laying, pump operation and ladder work are held bi-monthly. Response to Alarms: The company responds to all alarms in Lawrenceville and at the school. Two other township companies are available and outside aid may be secured fr TIRE DEPARTMENT: The village department is a volunteer

SCHOOL FIRE BRIGADE: A complete organization of students in charge of the Head Master, two fire chiefs and sixteen masters has been established. The brigade drills occasionally in life saving and fire extinguishment to the extent that about six complete drills are held each year. Equipment: Two hand drawn hose reels each carrying 450 feet of new 2½-inch C.R.L. hose housed in cut-off brick extension to the Dickinson House near the main entrance. One hand drawn ladder truck carrying ladders ranging from 12 to 40 feet and totaling 112 feet, 1 life net, 2 axes, 2 bars, 1 pick, 4 pike poles, 4 lanterns and 1 pulldown hook, housed in a cement block and frame open garage located in the extreme easterly portion of the building group. Two 40-gallon portable chemical engines are housed at the Brook and George dwellings located near the Main Street at the extreme southerly and northerly sections of the premises.

POLICE DEPARTMENT: Consists of a uniformed chief and five uniformed patrolmen and numerous special officers subject to call

BUILDING LAWS: Code adopted in 1922 provides for the appointment of a building inspector, requires that plans and specifications be filed and permits secured for building operations. Beyond designating size of chimneys and their projection above the roof, they are of little value from a fire protection standpoint. No fire limits established, and wood shingle roofs are not pro-

EXPLOSIVES AND FLAMMABLES: No local regulations The state laws adequately cover the storage and shipment of explosives and regulate the construction of motion picture booths. They also restrict the use of fireworks to responsible bonded parties.