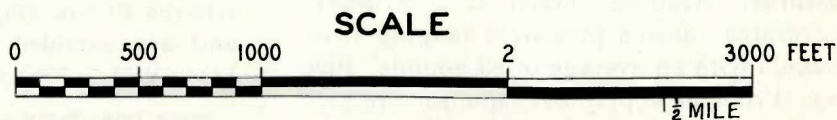


Superseding Map No. 50 of November 30, 1933. Please destroy old issue.



KEY

PROTECTED FIRE ZONE: Shown in Green.

NOTE.—For description of fire protection, etc., see other side.

Elevations range from 220 to 340 feet above mean sea level.

Water mains 8 inches and larger in diameter

Water mains 6 inches in diameter

Water mains 4 inches in diameter

Fire hydrants shown thus

Gate valves shown thus

Fire house shown thus

Fire apparatus designated by symbols thus:

(H) Hose car

(B) Booster tank or tanks on above



Schedule Rating Office of New Jersey
ENGINEERING DEPARTMENT
NEWARK, N. J.

**Annandale
Clinton Township
Hunterdon County, New Jersey**

SEPTEMBER 14, 1940.

ANNANDALE, CLINTON TOWNSHIP, HUNTERDON COUNTY, NEW JERSEY.

Population—Census of 1930 was 1,856.

IN GENERAL: A farming and dairying community located on the Central Railroad of New Jersey about 25 miles west of Somerville. Annandale is in the developed section of the township and covers an area of about one-third of a square mile. Elevations range from 220 to 340 feet. Main roads concrete, others gravel and macadam in fair to good condition. Traffic on main highways might seriously interfere with the response of fire apparatus.

WATER SUPPLY: Water for domestic and fire protection purposes is furnished by the Beaver Brook Water Company which owns supply works and distribution system and supplies water to Clinton, Annandale and Lebanon. For details as to supply works and appurtenances see report with Map No. 49. **Distribution System:** In one service; see map. Annandale is located on the 6-inch supply main from the reservoir to the Town of Clinton. Arterial system is generally good with a few dead end mains supplying hydrants. **Consumption:** The average and maximum daily consumption in the entire territory served, 619 services, was 0.174 and 0.223 m.g.d. On December 31, 1939, there were 136 services in Annandale, none of which were metered. **Pipe:** All cast iron, tar coated, bell and spigot joint, laid with a 3½-foot cover, except that stream crossings are wrought iron, the condition of which is unknown. Total length 10,200 feet; 49.0% 4-inch, 35.3% 6-inch and 15.7% 10-inch. No trouble from frozen mains or electrolysis. **Gate Valves:** 12 of Wood and Eddy makes, set in iron boxes to grade. All operate in the same direction. No regular inspection. **Hydrants:** 16 of R. D. Wood manufacture of standard type with two 2½- and one 4½-inch outlets and 4-inch branches, of which 4 are gated. Hydrants are inspected monthly. Those operated during resurvey were found to be in good condition. **Pressures:** Readings taken at 2 hydrants widely distributed showed pressures ranging from 75 to 90 pounds with an average of 83 pounds. **Fire Flow Tests:** Probable supply available for fire protection purposes was measured on July 10, 1940, by means of Pitot tube. Location of hydrant, discharge in gallons per minute, pressure before flow and pressure during flow were as follows:

Main St. and East St., 370—90—21.

Easton Ave. and West St., 370—75—13.

FIRE DEPARTMENT: Volunteer organization of one company under the supervision of the board of fire commissioners. There are 5 fire commis-

sioners, 1 or 2 of which are elected annually for a 3-year term. Fire district owns house, apparatus and equipment and appropriated \$1,200 for the support of the department in 1939. Total active membership 25, of whom about 22 are available at all times. There is a chief, an assistant chief, a second assistant chief, foreman and assistant foreman who are elected annually by the company. **Company—Annandale Hose Company No. 1:** Located on West Street and Roosevelt Place. Building is a 1-story frame structure with a slate roof, wood apparatus floor, hot air heat, electric lights and siren. **Equipment:** A 1925 Ford hose car carrying a 40-gallon booster tank with CO₂ for expellant, 200 feet of booster hose, 600 feet of 2½-inch hose, 2 gas masks, 100 feet of 1½-inch hose, 2 short ladders and fair minor equipment. **Hose:** All 2½-inch hose is C.R.L. with National Standard screw couplings. It is shifted and tested at hydrant pressure twice a year and dried on apparatus floor. There is no reserve hose and no hose is over five years old. **Operations:** Department governed by company by-laws. Chief has full control of apparatus at all times and of men at fires and drills. Seven members drive. Motors are started weekly. **Drills and Training:** Drills held twice monthly in summer and monthly in winter under the supervision of chief officers, consist of hose laying, ladder raising and use of equipment. **Fire Methods:** Booster streams used on incipient fires reinforced with hose lines with shut-off nozzles. Gas masks are provided, but no salvage equipment or heavy stream appliances are carried. **Response to Alarms:** Entire department responds to all alarms in Annandale. Outside aid may be secured from Lebanon, Clinton and High Bridge. **Building Inspection:** None by the department. **Records and Reports:** A record is kept of the attendance and the equipment used. **Fire Alarms:** Alarms of fire may be telephoned to two garages and are sounded, from switches located on fire house and on highway, on siren located at fire house.

POLICE DEPARTMENT: There are two specials who are subject to call.

BUILDING LAWS: No municipal regulations.

EXPLOSIVES AND FLAMMABLES: No municipal regulations. State laws adequately cover the storage and shipment of explosives and the construction of motion picture booths. They also restrict the discharge of fireworks to responsible bonded parties.