

1968

Industrial Resources: Whitley County - Williamsburg

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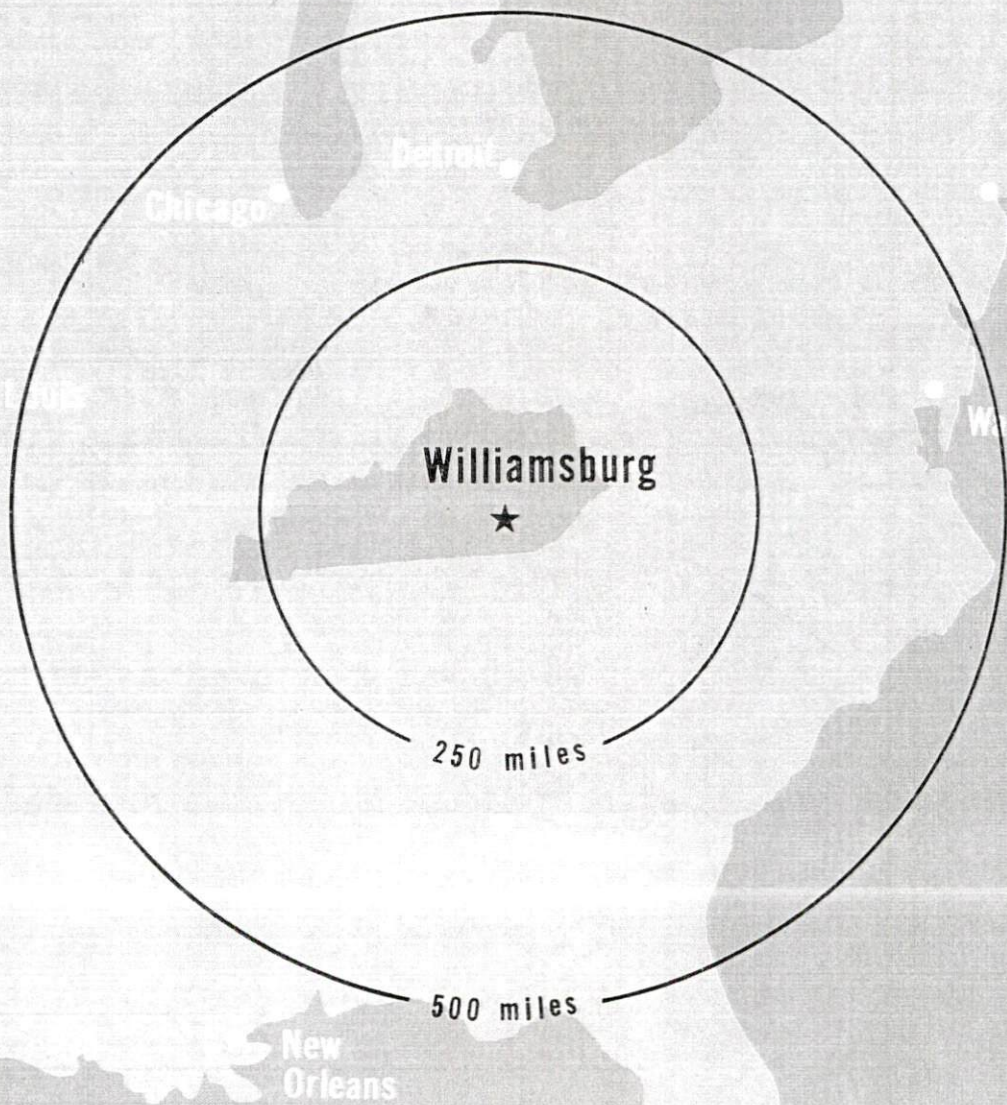
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INDUSTRIAL RESOURCES

**WILLIAMSBURG
KENTUCKY**

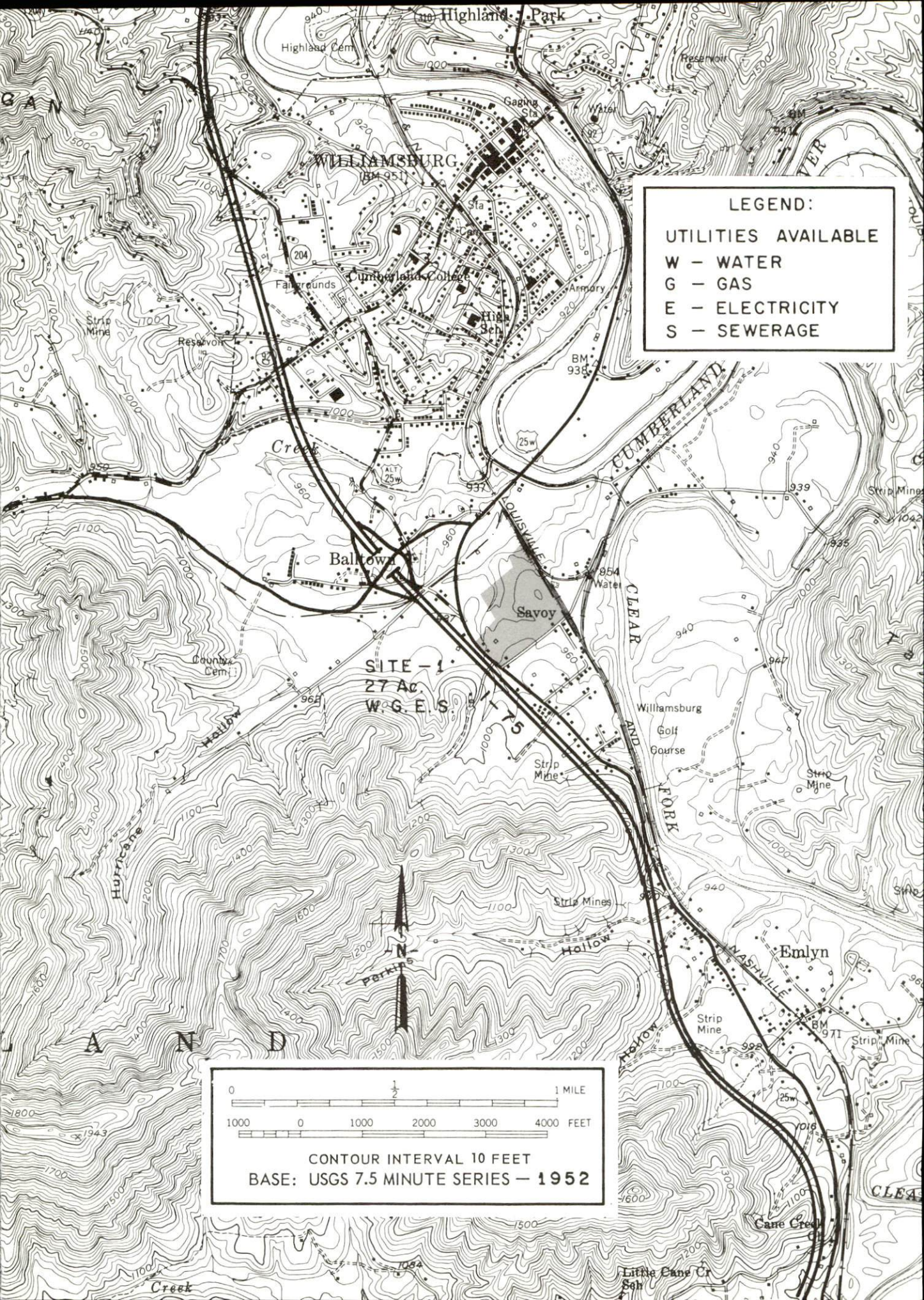


WILLIAMSBURG INDUSTRIAL SITES

SITE #1: ACREAGE AND TOPOGRAPHY: 27 acres of level to gently rolling land
LOCATION: South edge of city limits, located on U.S. 25 W and the
Louisville & Nashville Railroad
ZONING: Industrial
HIGHWAY ACCESS: The western portion of this site borders on U.S. 25 W,
within one-fourth mile of I-75 interchange.
RAILROAD: The Louisville & Nashville Railroad borders this site on the
northeast portion.
WATER: Williamsburg Water Works SIZE LINE: 10-inch
GAS: City Gas Company
ELECTRICITY: Kentucky Utilities Company
SEWERAGE: Williamsburg Sewer Works
OWNED BY: City of Williamsburg
AGENT: Max Duncan, Jr., Bank of Williamsburg, Williamsburg, Kentucky
Phone: 606 549-3520
Cost per acre will be furnished upon request by the Agent or the Kentucky
Department of Commerce.

SITE #2: LOCATION: Williamsburg, Kentucky
DESIGNATION: Williamsburg-Jellico site - 12 miles southeast of Williamsburg,
Kentucky, and 2 miles northeast of Jellico, Tennessee
PRESENT USE: Agricultural
EXISTING STRUCTURES: Farm units
AREA: 324 acres more or less
CONTOUR: Level to gently rolling
RAILROAD: Louisville & Nashville Railroad adjacent to site
HIGHWAY: Access road connects with I-75 two miles southwest of site.
AIRPORT: Nearest commercial London Municipal 42 miles
ELECTRIC POWER: T. V. A.
First 15,000 kwh is 0.83 cent per kwh
Next 25,000 kwh is 0.62 cent per kwh
Next 60,000 kwh is 0.41 cent per kwh
Next 400,000 kwh is 0.31 cent per kwh
GAS: No company serves this site at the present. It might be feasible to tap the
natural gas resources in this area.
WATER: Jellico City Water System being expanded to 500,000-gallon capacity
per day - raw water could be secured from the Clear Fork of the Cumberland
River. Average flow 40 c.f.m.
Industrial Rates:
0-60,000 gallons \$40.00 per month
60,000-100,000 gallons 50¢ per 1,000
In excess of 100,000 gallons 25¢ per 1,000 gallons
SEWERAGE: Package plant must be installed.
OWNED BY: Private

WILLIAMSBURG INDUSTRIAL SITES



LEGEND:

UTILITIES AVAILABLE

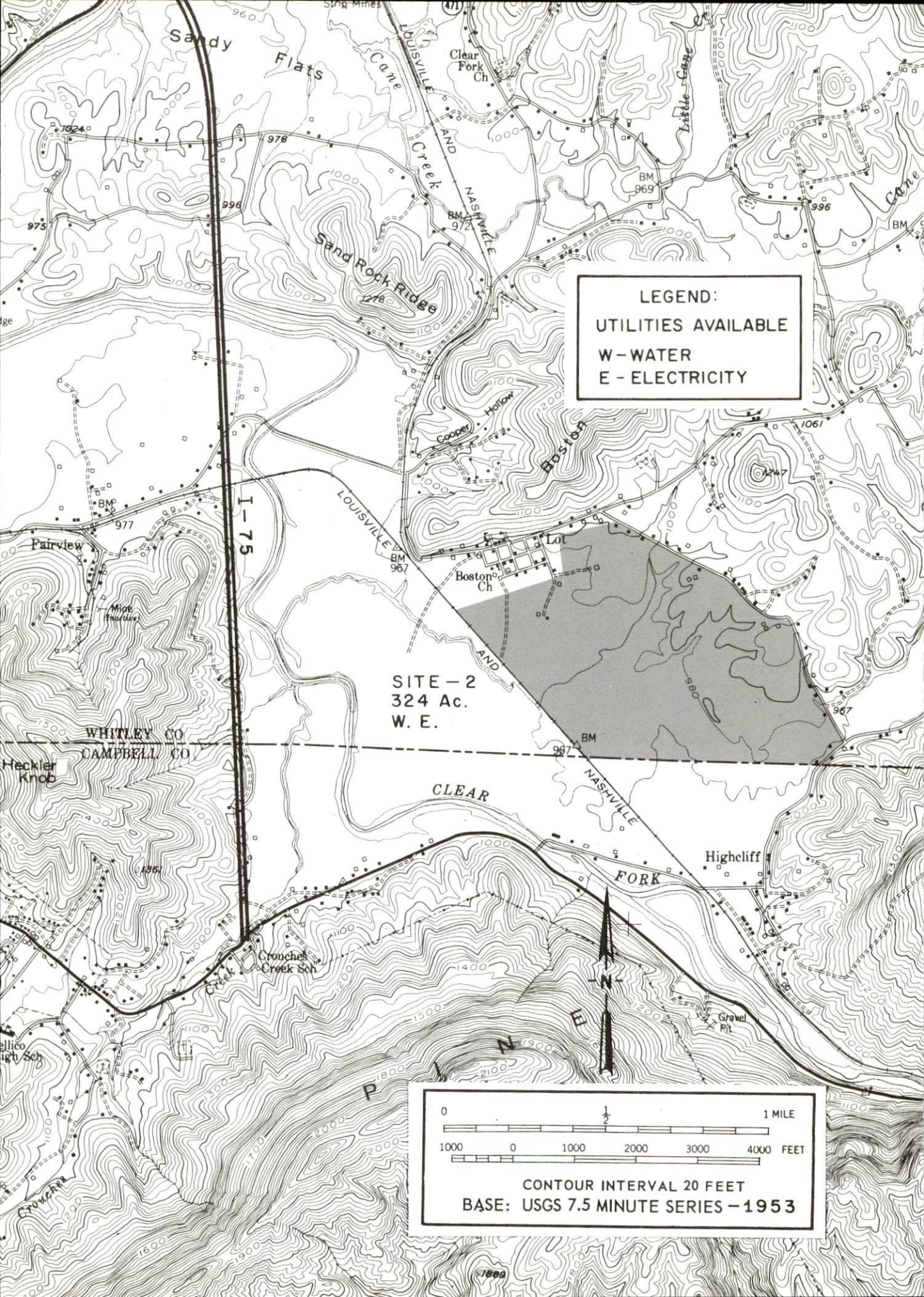
- W - WATER
- G - GAS
- E - ELECTRICITY
- S - SEWERAGE

SITE - 1
27 Ac
W.G.E.S.

0 1 MILE

1000 0 1000 2000 3000 4000 FEET

CONTOUR INTERVAL 10 FEET
BASE: USGS 7.5 MINUTE SERIES - 1952



LEGEND:
UTILITIES AVAILABLE
W - WATER
E - ELECTRICITY

SITE - 2
324 Ac.
W. E.

0 1 1 MILE
1000 0 1000 2000 3000 4000 FEET
CONTOUR INTERVAL 20 FEET
BASE: USGS 7.5 MINUTE SERIES - 1953

INDUSTRIAL RESOURCES
WILLIAMSBURG, KENTUCKY

Prepared by
The Williamsburg Chamber of Commerce
and
The Kentucky Department of Commerce
Frankfort, Kentucky

1968

This copy has been prepared by the Kentucky Department of Commerce,
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state funds.

INDUSTRIAL RESOURCES
WILLIAMSBURG, KENTUCKY

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WILLIAMSBURG, KENTUCKY, A PROFILE

Location

Williamsburg, the county seat of Whitley County, is located in the Cumberland River Valley 117 miles south of Lexington and 75 miles north of Knoxville.

The Economy

The economic environment of the Williamsburg area is balanced. Agriculture, manufacturing, government, railroad and wholesale and retail trade play an equal role. However, manufacturing has increased by over 400 employees since 1960. Community attitude, labor supply, wage rates, and the transportation network indicate additional industrial growth.

Labor Supply

There is a current labor supply of 9,950 men and 8,100 women within reasonable commuting distance of Williamsburg. This supply will be augmented by 9,100 young men and 8,900 women who will become 18 years of age during the next five years.

Industrial Sites and Services

Two industrial sites totaling 351 acres are now available. A 27-acre site is available in Williamsburg, and a 324-acre site is located 12 miles south on the Tennessee border.

The transportation net places Williamsburg in a good position to reach major markets in the Midwest and the South.

---Rail service is provided by the L & N Railroad.

---Interstate 75 is adjacent to both industrial sites.

---Air service is 20 minutes away at the London-Corbin War Memorial Airport.

Power and fuels are available in adequate volume. Power is available from Kentucky Utilities and TVA. The Williamsburg Gas Company supplies natural gas to the community.

Recreation

Recreation is plentiful within easy driving distance of Williamsburg.

Cumberland Falls, Lake Cumberland, and Pine Mountain state parks - major facilities available - are within 45 minutes drive of Williamsburg.

Major college sports are at Lexington, Richmond, and Knoxville. These schools are usually in contention for national honors in basketball while Tennessee is also in contention for football.

All major professional sports can be found in Cincinnati, within easy driving of Williamsburg.

Concerts and lectures, held at Cumberland College, are made available to the citizens of Williamsburg. The world famous choral drama, "The Book of Job," is held at Pine Mountain State Park.

THE LABOR MARKET

Population

Population of Williamsburg in 1960 was 3,478, a gain of 3.9 percent from 1950. Since the turn of the century, Williamsburg has experienced periods of spectacular increase, 1,000 between 1940-1950, but between 1950 to 1960 there was an increase of only 130 people. Whitley County reached a peak population in 1940 of 33,000. Since 1940 Whitley County has recorded a rapidly declining population due to out-migration because of lack of job opportunities. The 1968 population estimate seems to indicate that the decline in population has stabilized.

TABLE 1

POPULATION TREND - WILLIAMSBURG AND WHITLEY COUNTY,
KENTUCKY ^{1/}

Year	Williamsburg		Whitley County	
	Population	% Change	Population	% Change
1900			25,015	
1940	2,331		33,186	32.6
1950	3,348	43.6	31,941	- 3.7
1960	3,478	3.9	25,815	-19.1
1968 ^{2/}	NA	NA	24,900	- 3.5

Characteristics

During 1967 total employment in Whitley County averaged 6,600 with 650 of these workers in agriculture. Unemployment was equivalent to 6.0 percent of the labor force, and underemployment was probably fairly substantial.

No single activity dominates the economy of Whitley County. In the past mining interests played an important part in the development of Whitley County, but have since declined in importance. The largest Whitley County employment is concentrated in wholesale and retail trade (1,156), while manufacturing is next with 907 jobs. Government (682) and railroad (501) employment is substantial in the area, while mining has only 180 employees.

Manufacturing has become an important factor in the Whitley County economy due to the location of new plants during recent years. Lion Uniform, which located in Williamsburg in 1959 with an employment of 100, has grown in recent years to a present employment of nearly 500.

TABLE 2

WILLIAMSBURG MANUFACTURING FIRMS, THEIR PRODUCTS
AND EMPLOYMENT ^{3/}

Firm	Product	Employment		
		T	M	F
Dr. Pepper Mr. Cola Bottling Co.	Soft drinks	20	20	0
Lambdin Jersey Farms Dairy	Milk	3	3	0
Lion Uniform, Inc.	Industrial work clothing, government uniform clothing	485		
C. W. Perkins Lumber Co.	Lumber	2	2	0
Redbird Lumber Co.	Sawmill	40	40	0
Royal Crown Bottling Co.	Soft drinks	17	15	2
Whitley Co. Concrete Products, Inc.	Ready mixed concrete, concrete septic tanks	8	8	0
The Whitley Republican	Newspaper, commercial printing	3	3	0

In the Williamsburg labor market area, which is defined here to include Whitley, Bell, Knox, Laurel, McCreary, and Pulaski Counties, manufacturing is the largest employer with 6,488 employees. Manufacturing is of greatest significance in the counties of Bell, Pulaski, and Whitley. Agriculture, with 5,996 employees of which 3,042 are located in Pulaski County, and wholesale and retail trade, with 5,237 employees, are also of significance to the economy.

In the Williamsburg area, there were approximately 6,488 employed in manufacturing in December, 1967. Major products are apparel, metal products and machinery, and lumber and furniture. Growth in recent years has been sharpest in the apparel industry.

TABLE 3

MANUFACTURING EMPLOYMENT, WHITLEY COUNTY
LABOR MARKET AREA, DECEMBER 1968 ^{4/}

Industry	Employment
Total	6,488
Food & beverages	778
Apparel	2,178
Metal products & machinery	1,191
Lumber & furniture	1,179
Other	1,162

Wage Levels

The average weekly wage in industries covered by unemployment insurance in Whitley County was \$77.64 during 1967. The average in manufacturing was \$74.63. Comparable figures for Kentucky were: \$104.50 all industries; \$115.08 manufacturing. All counties in the labor market area were below the Kentucky average leading to a tentative conclusion that workers can be recruited for jobs in Whitley County at about the minimum wage level for production jobs.

Some examples of specific occupational rates are: ^{5/}

<u>Production Employees</u>	<u>Wages per Hour</u>		
	<u>Starting</u>	<u>Maximum</u>	<u>Prevailing</u>
Assembler	\$1.60	\$1.80	\$1.60
Inspector	1.60	1.80	1.60
Machinist, Set Up	2.25	3.30	
Production Laborer	1.60	1.80	1.60
Punch Press Operator	1.75	2.20	1.75
 <u>Service Employees</u>			
Carpenter	\$2.00	\$4.25	\$2.90
Crane Operator	2.25	4.33	4.33
Electrician	2.25	5.00	
Janitor	1.60	1.60	1.60
Laborer	1.60	3.00	1.60
Shipping Clerk	1.60	2.05	1.70
Truck Driver	1.60	3.30	1.60
Welder, Acetylene, Carbon & Arc	1.75	2.50	2.00

<u>Office Employees</u>	<u>Wages per Hour</u>		
	<u>Starting</u>	<u>Maximum</u>	<u>Prevailing</u>
Bookkeeper or Accounting clerk	\$1. 60	\$2. 50	\$1. 87
Key Punch Operator	1. 60		1. 60
Receptionist	1. 60	1. 75	1. 60
Secretary	1. 60	2. 00	1. 60
Stenographer	1. 60	2. 00	
Typist	1. 60	2. 00	1. 60

Labor Supply

There is an estimated current labor supply of 9, 950 men and 8, 100 women available for industrial jobs in the Williamsburg labor market area. During the next five years 9, 100 boys and 8, 900 girls will become 18 years of age and will augment this labor supply.

The current labor supply is based on November, 1966, estimates and includes the unemployed, underemployed, and persons who would enter the labor force if jobs became available.

With the completion of I-75 commuting will be more attractive from parts of the area; however, the number of workers who would be available for jobs at Williamsburg would depend on a number of factors including wage scales and working conditions. Due to the topography of the region, commuting from Whitley, Knox and Laurel Counties would be more likely to occur than from other counties in the labor market area.

TABLE 4

CURRENT AND FUTURE LABOR SUPPLY
WILLIAMSBURG LABOR MARKET AREA

County	Current Labor Supply ^{6/}			Future Labor Supply by 1974 (Becoming 18 Years of Age) ^{7/}		
	Total	Male	Female	Total	Male	Female
Labor market area	18,050	9,950	8,100	17,988	9,079	8,909
Whitley	2,500	1,400	1,100	2,697	1,388	1,309
Bell	3,950	1,800	2,150	4,036	2,061	1,975
Knox	2,750	1,800	950	2,966	1,509	1,457
Laurel	3,250	1,700	1,550	3,093	1,451	1,642
McCreary	1,900	1,100	800	1,545	796	749
Pulaski	3,700	2,150	1,550	3,651	1,874	1,777

Labor Organizations

There are no unions represented in Williamsburg.

Income and Sales

Effective buying income was \$31,027,000 in Whitley County in 1967. Income per household was estimated at \$4,497 with 27.4 percent of households in the \$5,000 or above class. Retail sales totaled \$35,734,000.^{8/}

In 1963 there were 365 retail trade establishments in Whitley County, of which 88 were in Williamsburg. ^{9/}

EDUCATION

The educational system within the Williamsburg labor market area has the facilities to produce a trainable labor force for future industrial growth.

Elementary and High School

The Williamsburg Independent School District's grade school and high school are combined in one building. The 1967-68 enrollment totaled 766 students with 36 teachers. The school system is housed in a 40-classroom building with modern teaching facilities. Approximately 70 percent of the Williamsburg Independent School District's graduates attend college.

The Whitley County School System has one high school, newly constructed, and 18 elementary schools. During the 1967-68 school year there were 4,024 students enrolled with 162 teachers. Approximately 33 percent of the system's graduates attend college.

TABLE 5

SCHOOLS, ENROLLMENT, NUMBER OF TEACHERS, STUDENT-TEACHER RATIO IN WILLIAMSBURG AND WHITLEY COUNTY, 1967-68 10/

School	Grades	Enrollment	Student-	
			No. of Teachers	Teacher Ratio
Williamsburg High (Ind.)	7-12	356	16	22-1
Williamsburg Elementary (Ind.)	1- 6	410	20	20-1
Whitley County High	9-12	1,003	43	23-1
Whitley County Elementary (Total)	1- 8	3,021	119	25-1

Vocational Schools

Williamsburg is served by the Harlan Area Vocational-Technical School, Harlan, Kentucky. Trade and industrial educational courses offered include auto body repair, auto mechanics, carpentry, drafting, electricity, electronics technician, health occupations, home economics occupations, machine shop, mine machinery mechanics, practical nursing, refrigeration and air conditioning, and welding.

The Extension Center in Barbourville offers carpentry, drafting, electricity, welding, auto mechanics, home appliance repair, and business and office education.

The new Corbin Extension Center, 10 miles from Williamsburg, will begin classes in September, 1968. Courses to be offered include appliance repair, auto mechanics, building trades, drafting, and welding.

Colleges

Cumberland College, located in Williamsburg, was established in 1889 by the Mt. Zion Association of Baptists. In 1957 the General Association of Baptists in Kentucky voted to allow Cumberland to assume full four-year status.

Cumberland rests on a campus of 25 acres and has 13 major buildings. Included among these buildings are dormitories, a science building, a gymnasium, an auditorium, cafeteria, and a library.

The college has a present enrollment of 1,800 which is an increase of 63 percent over the past four years. The degrees of Bachelor of Arts and Bachelor of Science are conferred with majors in various arts and sciences and the pre-professional fields including medicine, pharmacy, law, engineering, dentistry, and the ministry.

Other institutions of higher learning in the Williamsburg area include:

Union College, Barbourville, Kentucky, 33 miles
Sue Bennett Jr. College, London, Kentucky, 35 miles
Berea College, Berea, Kentucky, 83 miles
Centre College, Danville, Kentucky, 98 miles
Eastern Kentucky University, Richmond, Kentucky, 97 miles
Asbury College, Wilmore, Kentucky, 120 miles
University of Kentucky, Lexington, Kentucky, 117 miles
Transylvania College, Lexington, Kentucky, 117 miles
University of Tennessee, Knoxville, Tennessee, 81 miles

TRANSPORTATION

Rail

Williamsburg is served by the Knoxville and Atlanta Division of the Louisville & Nashville Railroad operating between Corbin, Kentucky, and Atlanta, Georgia. Switching service is provided six days a week on tracks which will accommodate 65 cars. There are 400-500 outbound carloads per month which consist mostly of coal. There are 25-50 inbound carloads per month which consist of flour, feed, lime, cement, sand, and manufactured products. R E A Express service is available from Corbin with pickup and delivery service in Williamsburg.

TABLE 6

RAILWAY TRANSIT TIME FROM WILLIAMSBURG, KENTUCKY, TO: 11/

Town	No. of Days		Town	No. of Days	
	CL			CL	
Atlanta, Ga.	3		Louisville, Ky.	2	
Birmingham, Ala.	3		Los Angeles, Calif.	5	
Chicago, Ill.	3		Nashville, Tenn.	3	
Cincinnati, Ohio	2		New Orleans, La.	4	
Cleveland, Ohio	3		New York, N. Y.	5	
Detroit, Mich.	4		Pittsburgh, Pa.	4	
Knoxville, Tenn.	2		St. Louis, Mo.	3	

Highways

Interstate 75, the major north-south interstate route between the Appalachian Mountains and the Mississippi River, passes through the western section of Williamsburg. Interstate 75 will be completed within the State of Kentucky during 1969. U. S. 25-W and State Route 92 also serve Williamsburg. There is a diamond interchange which connects I-75, U. S. 25, and State Route 92 at the southern edge of the city.

Truck Service: The following trucking firms serve Williamsburg:

Company

Dixie Ohio Express, Inc.
Smith's Transfer Corp.
Dance Freight Lines

Home Office

Akron, Ohio
Staunton, Virginia
Lexington, Kentucky

CompanyHome Office

Eldridge Truck Lines	Science Hill, Kentucky
Ellis Trucking Co., Inc.	Indianapolis, Indiana
Consolidated Freightways	Chicago, Illinois
McDuffee Motor Freight, Inc.	Lebanon, Kentucky
The Mason and Dixon Lines, Inc.	Kingsport, Tennessee

TABLE 7

HIGHWAY MILES AND TRUCK TRANSIT TIME FROM
WILLIAMSBURG, KENTUCKY, TO SELECTED MARKET CENTERS

Town	Highway Miles	Delivery Time* <u>12/</u>		Town	Highway Miles	Delivery Time	
		LTL	TL			LTL	TL
Atlanta, Ga.	267	2	1	Lexington, Ky.	117	1	1
Birmingham, Ala.	333	2	1	Louisville, Ky.	163	1	1
Chicago, Ill.	464	3	2	Los Angeles, Cal.	2,270	7	6
Cincinnati, Ohio	194	1	1	New Orleans, La.	684	3	2
Cleveland, Ohio	438	3	2	New York, N. Y.	853	4	3
Detroit, Mich.	459	3	2	Pittsburgh, Pa.	478	3	2
Knoxville, Tenn.	75	1	1	St. Louis, Mo.	427	3	2

*Delivery time in days.

Air

The London-Corbin War Memorial Airport, 30 miles north of Williamsburg, serves the area. The airport will reopen in September, 1968, with its one runway extended to 6,000 feet. This extension will enable the airport to accommodate the smaller commercial jets. Services include 80 and 100 octane, taxi, U-Drive-It, weather, flight training, and charter and ambulance service. Piedmont Airlines serves the airport with four flights daily.

The Cumberland Falls Airport, 8 miles north of Williamsburg, has a 2,500 by 200-foot turf strip which serves light aircraft and is at an elevation of 1,200 feet.

Other Transportation Services

Williamsburg is served by Southern Greyhound Lines with 2 northbound and 3 southbound buses daily; Trailway System with 4 northbound and 4 southbound; and the Corbin-Williamsburg Bus Lines operating between Corbin and Williamsburg with three trips daily except Sunday.

Williamsburg is provided with 24-hour taxi service.

POWER AND FUEL

Electricity

Electricity is supplied to Williamsburg by the Kentucky Utilities Company. Rural customers in Whitley County are served by TVA and the Cumberland Valley Rural Electric Cooperative Corporation.

Kentucky Utilities Company has a generating capacity of 740,000 KW in its five generating stations and has interconnections with other major generating sources. These interconnections provide a means of interchanging substantial blocks of electricity when desired. Rates for industry will be furnished by the company's Industrial Development Department in Lexington, Kentucky, or the Kentucky Department of Commerce.

The Cumberland Valley Rural Electric Cooperative Corporation, whose source of supply is East Kentucky RECC, serves 3,182 customers in Whitley County.

East Kentucky RECC has a present generating capacity of 276,000 KW and an additional 200,000 KW unit under construction. Rate inquiries should be directed to Cumberland Valley RECC, Gray, Kentucky.

Natural Gas

Natural gas is supplied to approximately 1,200 customers in Williamsburg by the Williamsburg Gas Company, a privately owned company, whose sources of supply are local fields and the Kentucky Gas Transmission Corporation. A six-inch high pressure transmission line supplies gas for the distribution system in Williamsburg. The specific gravity of the natural gas is .70 and the btu content is 1,150.

Coal

Williamsburg is served by the Eastern Kentucky Coal Field. A representative delivery cost can be determined below.

<u>Point of Origin</u>	<u>Type of Coal</u>	<u>Freight Delivery ^{13/} Cost per Ton</u>
Jellico District	Industrial & Domestic	\$3.67

Fuel Oil

Kentucky has three fuel oil refineries located in Catlettsburg, Louisville, and Somerset. Kentucky's fuel supply is supplemented by border state operations.

Delivery prices of the various grades may be obtained from the Kentucky Department of Commerce.

WATER AND SEWERAGE

Water

The Williamsburg Water Works is municipally owned and operated. The source of supply is the Cumberland River which runs through the eastern part of the city. Storage facilities for treated water are two 250,000-gallon elevated tanks, one 75,000-gallon tank, and a 300,000-gallon elevated tank. The plant is equipped with four pumps with 1,250-gpm total pumping capacity. Filtration capacity is approximately 500,000 gallons per day. The average daily use is 340,000 gallons and the maximum daily use has been 420,000 gallons. The average pumping time to meet daily requirements is 18 hours. Distribution lines are 10, 8, and 6 inches. Pressure is maintained at 90 psi.

Rates of the Williamsburg Water Works are:

		<u>Inside City Limits</u>	<u>Outside City Limits</u>
First	2,000 gals. per mo.	\$2.50 Minimum	\$3.35
Next	3,000 gals. per mo.	1.00 per M gals.	1.05 per M gals.
Next	5,000-15,000 gals. per mo.	.75 per M gals.	.80 per M gals.
Next	15,000-25,000 gals. per mo.	.65 per M gals.	.70 per M gals.
Next	25,000-35,000 gals. per mo.	.55 per M gals.	.60 per M gals.
Next	35,000-45,000 gals. per mo.	.45 per M gals.	.50 per M gals.
All over	45,000 gallons	.35 per M gals.	.45 per M gals.

The Whitley County Water District serves 330 rural customers. The sources of supply are three wells, the City of Corbin Water Works, and the Williamsburg Water Works. Water is distributed through 3-inch lines.

Sewerage

The Williamsburg Sewer Department provides sewerage service to 98 percent of the community. The treatment plant, a high rate trickling filter plant, was placed into operation in 1964. The plant has a capacity of 480,000 gallons per day and is designed for a population of 6,000. Average daily flow has been 325,000 gallons. The treated sewage is discharged into the Cumberland River. The rate for sewerage service in Williamsburg is 50 percent of the water bill.

AGRICULTURE - NATURAL RESOURCES - CLIMATE

Agriculture

The approximate total land area of Whitley County is 293,760 acres with 25.3 percent of the area devoted to farming. In 1964 there were 870 farms in the county with an average size of 86 acres valued at \$78 per acre (including buildings).

Farm income in the county is largely from the production of livestock including cattle, hogs, and poultry supplemented by burley tobacco. The 1964 value of sales of all farm products totaled \$893,523, averaging \$1,027 per farm. Crop sales totaled \$370,444; livestock and livestock products totaled \$517,524.

In 1966 agricultural production included 525,000 pounds of burley tobacco, 100,000 bushels of corn, and 7,250 tons of clover-timothy hay. Livestock on farms on January 1, 1967 included 6,200 cattle and calves, and 1,900 hogs and pigs. Milk cows on farms during 1965 averaged 1,400 head with milk production for the year totaling 6.4 million pounds.

Mineral Resources

Coal constitutes the most important mineral resource of Whitley County. Other minerals of importance include natural gas and petroleum, clay, and sand and gravel. Limestone, suitable for general construction purposes and possibly agricultural lime, occurs along the Pine Mountain thrust fault in the southeastern portion of the county.

All of the coals are classified as high volatile bituminous. They run low in ash and sulphur content and have a high btu value. Several seams are mined, with the Jellico seam being the most actively worked. The thickness ranges from 30 to 50 inches and it has a hard blocky structure. The Jellico seam is widely known in the southern domestic trade. Selected analysis of the Jellico and Blue Gem seams are as follows: 14/

Seam	Moisture	Volatile Matter	Ash	Sulphur	Ash Softening Temp. °F.	Mineral Matter Free-Dry Basis Fixed Carbon	BTU
Jellico	3.5	37.6	2.8	.8	2,360	60.2	14,960
Blue Gem	3.8	39.3	1.7	1.3	2,260	58.7	15,020

Production for 1966 amounted to 363,367 tons from 55 underground mines and 5 strip mines.

Natural gas has played a more important role to the economy of this area than petroleum. The outstanding development has been the Williamsburg oil and gas field with spotted production occurring throughout the county. More recently, several good oil wells have reportedly been drilled. Production has been chiefly from the "Salt Sand" and "Big Lime" horizons at shallow to medium depths. In 1967 a total of 16,045 barrels were produced.

Alluvial and upland clay deposits of quality suitable for brick manufacture are present. Recent investigations indicate that some shale members of the Breathitt formation could be used for the manufacture of common brick, structural tile and lightweight aggregate. Thirty thousand tons of bricks were produced in 1965.

Sand and gravel deposits suitable for general construction purposes can be obtained locally along the major stream beds. Sandstones which can be used for local building and roadway construction purposes are also available.

Water Resources

Large quantities of surface water are available from both the Cumberland and Laurel Rivers. Other sources may be made available from impounded small streams.

The occurrence of ground water is from rocks of the Devonian, Mississippian and Pennsylvanian systems. Ground water yield rates vary widely within the county. In general, yields do not exceed 50 gpm and are used as domestic supplies.

Some limestone springs along the Pine Mountain overthrust yield enough for a public supply.

Because of local variations, the above conditions may not apply to any given locality but should serve only as a guide to general ground water conditions in these systems.

Forests

There are 228,200 acres of commercial forest land in Whitley County, covering 77.9 percent of the total land area. The most abundant species are white oaks, red oaks, yellow pines, hickories, yellow poplar, beech, and soft maple.

In Kentucky, within a 50-mile radius of Corbin, there are more than 2,700,000 acres of commercial forest land. In 1962, 117 million board feet of timber were harvested from this area. Forestry authorities agree that the desirable annual cut should be much larger. The adjacent parts of Tennessee and Virginia are also well forested. While some of the timber harvest is used locally, much of it is shipped out of the area for further processing.

Forests of the entire area receive organized protection from fire from the State Department of Natural Resources.

Climate

Williamsburg has an attractive year-round climate which is characterized by the lack of extremes and severe changes.

Winter is short. Snowfall is light and occurs mostly during December and January. The snow rarely lasts longer than a few days.

Rainfall is sufficient for the needs of each season. The average yearly precipitation is 47.8 inches. Generally, there is more rainfall during March and less during September than during other months of the year.

Sunshine is an almost daily event. In an average year about 171 days are cloudy, 115 days partly cloudy, and 79 days clear. The average temperature ranges from 38° to 73°F. Prevailing wind is from the northeast, while an average of 45 days have fog.

LOCAL GOVERNMENT

Structure

Williamsburg, a fourth-class city, is governed by a mayor elected for a four-year term and a council composed of six members elected for two years.

Whitley County's governing body is a fiscal court made up of a county judge as chief executive and three magistrates. All are elected for four-year terms.

Finance

The City of Williamsburg had a general income of \$56,604 for the year ending December 31, 1966, while expenditures totaled \$54,496. Bonded indebtedness outstanding of the city is approximately \$4,630 in voted bonds.

Whitley County's estimated budget for the fiscal year 1967-68 was \$126,000. As of September 1, 1968, the county's bonded indebtedness outstanding was \$30,500.

Taxes

Property taxes are the major source of income for Williamsburg and Whitley County. Property must be assessed at 100 percent of value under provisions of the Kentucky Constitution. In 1967, the net assessed value of property in these jurisdictions was:

<u>Major Classes of Property</u>	<u>Williamsburg</u>	<u>Whitley County</u>
Total	\$16,619,411	\$79,412,671
Real Estate	11,317,360	53,927,032
Tangibles	3,881,102	14,313,157
Public Service	1,420,949	11,172,482

Property tax rates for Williamsburg are shown on the following page.

TABLE 8

PROPERTY TAX RATES PER \$100 OF ASSESSED VALUE
FOR WILLIAMSBURG AND WHITLEY COUNTY, 1967 ^{15/}

Taxing Unit	Williamsburg	Whitley County
State	\$.015	\$.015
County*	.185	.185
School	.421	.322
City	.200	
Total	\$.821	\$.522

*Including General, Agricultural Extension, Health, Library.

The City of Williamsburg also requires a business privilege license to be purchased annually.

Williamsburg is empowered by state law to allow a five-year tax exemption from municipal taxation for new industry.

Planning and Zoning

Williamsburg has a local planning and zoning commission and a Comprehensive Plan is underway. Studies so far completed include: Zoning Ordinance, Neighborhood Analysis, Public Improvements Program, General Plan, and Subdivision Regulations.

Safety

Fire: Williamsburg has a Class-8 NBFU fire insurance rating. The Williamsburg Fire Department is staffed by a chief and 20 volunteers. Major equipment includes a 1967 Ford, 1,000-gpm pumper and a 1947 Dodge, 300-gpm pumper.

Police: The Williamsburg Police Department is staffed by a chief and three patrolmen. Motorized equipment consists of one patrol car which is radio-equipped.

Whitley County Sheriff's Office is staffed by a sheriff, two full-time deputies, two clerks, and twenty part-time deputies. Motorized equipment consists of two radio-equipped patrol cars.

Sanitation

Dry waste is collected weekly by the city at a rate of \$1 per month. Garbage is also collected by a private contractor twice weekly and disposed of in a state-approved sanitary land fill. The rate for this service is \$2 per month.

HEALTH

Hospitals

The Williamsburg Clinic Hospital serves the residents of Williamsburg. This hospital, with 30 beds, has a staff of two doctors and four registered nurses. The hospital has a modern laboratory, fully-equipped emergency room, X-ray, and facilities for major surgery.

Another medical facility of major importance to the residents of Williamsburg is an 80-bed municipal hospital at Corbin, 19 miles distant. For major medical attention Williamsburg is just an hour and thirty minutes from Lexington, the regional medical center for Eastern and Central Kentucky.

Public Health

The Whitley County Health Department, located in Williamsburg, is staffed by one county health doctor, three registered nurses, and two registered sanitarians. There are two radiologists available three days per week in Whitley County.

OTHER LOCAL FACILITIES

Housing

There are a few housing units available for rent or sale in Williamsburg. Rental range for two and three-bedroom houses is from \$80 to \$110 per month. Construction cost per square foot is \$10 for a frame house and \$12 for brick.

Communication

Telephone: Telephone service is provided by the South Central Bell Telephone Company which has 2,132 subscribers in Williamsburg. It is a dial system and long distance service is described as excellent.

Telegraph: Telegraph service is provided by Western Union.

Postal: Williamsburg has a first-class post office with 17 employees. Mail is received and dispatched two times daily. Mail is delivered once daily in the residential areas and business district. There are three rural and three star routes.

Newspapers: The Whitley Republican, a weekly local paper, serves the Williamsburg area and has a circulation of 2,250.

Other newspapers are received daily from Louisville, Lexington, Corbin, and Knoxville.

Radio: Williamsburg is served by WEZJ, an independent station, transmitting on 1440 kilocycles with a power of 1,000 watts. This station operates from sunrise to sunset.

Television: Television reception is excellent from stations located in Knoxville, Asheville, and Lexington with all major networks represented. Programs are received by the use of a cable system.

Libraries

The Whitley County Public Library is housed in a modern, two-year-old building. In 1967 the library contained 18,000 volumes. The 1967 library circulation totaled 27,755 volumes while the bookmobile's circulation totaled 134,700 volumes.

Williamsburg has access to the Cumberland College Library, five thousand volumes are to be added annually to the library for a total capacity of 175,000 volumes.

Churches

There are nine churches in Williamsburg representing the following denominations: Baptist, Catholic, Church of God, Christian, Seventh Day Adventists, and Methodist.

Financial Institutions

<u>Bank</u>	<u>Statement as of December 31, 1967</u>	
	<u>Assets</u>	<u>Deposits</u>
The Bank of Williamsburg	\$10,172,622.24	\$9,306,421.23
Farmers National Bank	9,485,649.21	8,790,617.71

Hotels and Motels

<u>Name</u>	<u>Rooms or Units</u>
Adkins Motel	16
Faulkners Motel	17
Gentry Hotel	27
Holiday Inn	62
Teague Motel	26
TraveLodge	67
Williamsburg Motor Court	12

Clubs and Organizations

Business and Civic: Chamber of Commerce, Lions, Rotary, Optimist

Fraternal: Masons, IOOF, American Legion, VFW

Women's: Women's Club, Younger Women's Club, Business and Professional Women, Eastern Star, DAR

Youth: Boy Scouts, Girl Scouts, 4-H Club, FFA, FHA, Junior Little League Baseball, Basketball, and Football

Recreation

Local: The city recreation department provides recreational programs at the city park. Facilities at the park include: swings, slides, seesaws, volleyball court, basketball courts, tennis courts, and other game equipment. An Olympic-sized municipal pool is located at the park, which is the scene of the annual Williamsburg Water Festival.

Williamsburg is located 15 miles from Cumberland Falls State Park. Park facilities include: resort lodge, dining room, cottages, tent and trailer camp sites, spectacular waterfall, moonbow, Olympic and resort pools. There are six additional state parks within easy driving distance of Williamsburg.

Racing: Four race meets are held annually in Lexington, a 90-minute drive from Williamsburg, in the spring and fall for thoroughbreds at Keeneland Race Course and two for harness horses at the Lexington Trotting Track.

College Sports: Major intercollegiate athletic programs can be found at the University of Kentucky, Eastern Kentucky University, and the University of Tennessee. Small college athletic programs can be found at Cumberland College, Union College, and Berea College.

Drama and Music: During the school year concerts at Cumberland College are open to the general public. During the summer months the world famous choral drama, "The Book of Job," is staged in the amphitheater at Pine Mountain State Park.

Recent Community Improvements

Public: Completed new sewerage disposal plant - new fire truck - three new buildings added to Cumberland College.

Business and Industrial: New \$170,000 addition to Lion Uniform - new Farmers Bank Building completed - new Holiday Inn and TraveLodge.

Other: New Olympic swimming pool at Cumberland Falls State Park.

HISTORY

Whitley County was formed in 1818, the 59th Kentucky County to be created. It was named in honor of Colonel William Whitley, soldier and Indian fighter who died in the Battle of the Thames in 1813. This mountain county is located in southeastern Kentucky on the Tennessee border, cut by the Cumberland River. The surface of the county is broken except in the river valleys which are rich and productive. The natural beauties of the area are exceeded nowhere else in the world.

Williamsburg, the county seat of Whitley County, is located on the edge of the Cumberland National Forest which runs in a north-south direction almost the entire length of Kentucky. Within the forest, on the line between Whitley and McCreary Counties and 8 miles from Williamsburg, is Cumberland Falls State Park. Cumberland Falls has achieved world-wide renown for its moonbow, one of two in the world.

One of the nation's most famous women, Julia Marcum, was a long-time resident of Williamsburg. With her family she aided the underground railway and fought for the Union during the Civil War. She was the only woman in the history of the United States to be granted a soldier's pension.

The economic development of Whitley County has centered around the Eastern Kentucky Coal Field. The L & N Railroad yards in Corbin serves as a junction point for branch roads into the coal fields in Eastern Kentucky. During the 1920's Williamsburg was the center of the coal industry in Eastern Kentucky. Since World War II the coal industry has declined in importance. No longer is coal the dominant economic factor in Whitley County. Manufacturing employment has risen rapidly since 1959 when Lion Uniform, Incorporated, located in Williamsburg. With the location of American Greeting Corporation in Corbin in 1967 manufacturing will be the largest economic activity in Whitley County.

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