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1969

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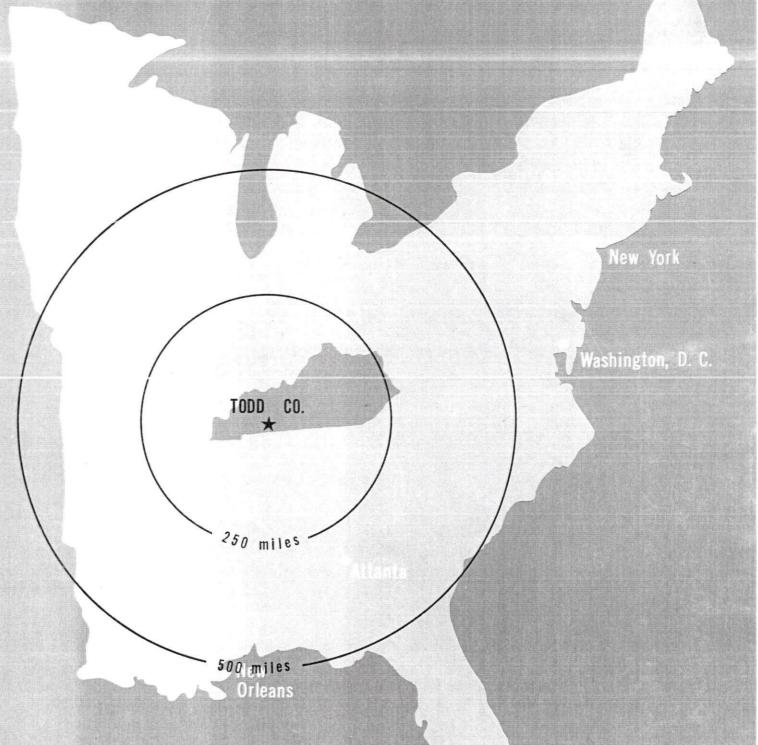
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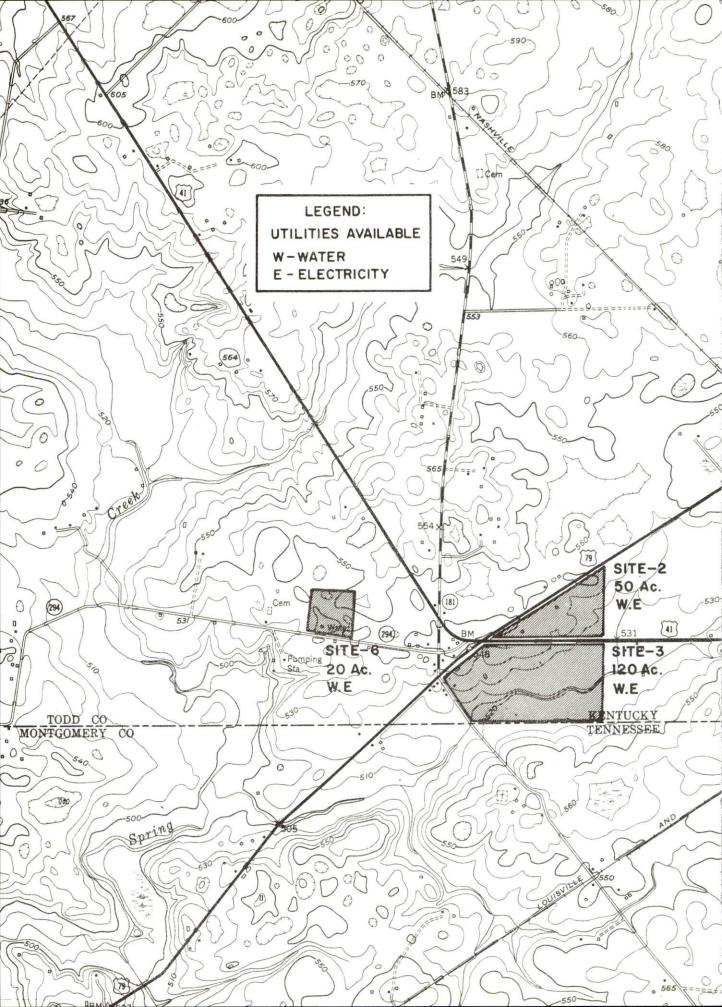
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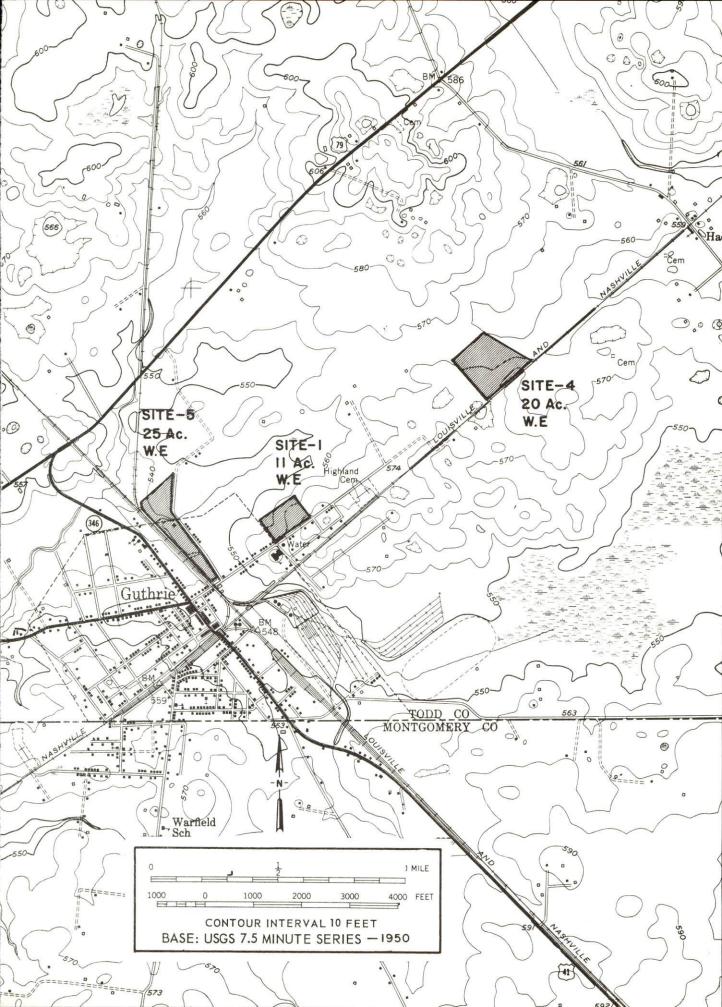
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INDUSTRIAL RESOURCES

TODD CO. KENTUCKY







GUTHRIE INDUSTRIAL SITES

For specific information concerning available industrial sites in Guthrie, Kentucky, contact Harry Covington, President, Guthrie Industrial Development Commission, Inc., Guthrie, Kentucky, or the Kentucky Department of Commerce.

SITE #1: ACREAGE AND TOPOGRAPHY: 11 acres, level

LOCATION: Northeast of Guthrie, within city limits

ZONING: Industrial

HIGHWAY ACCESS: On city maintained street; 1 mile from U.S 41

RAILROADS: 300 yards to Louisville & Nashville main line WATER: Guthrie Municipal Water Company: 8-inch line

GAS: Not available

ELECTRICITY: Pennyrile RECC

SEWERAGE: Not available

OWNERSHIP: Guthrie Industrial Development Commission

SITE #2: ACREAGE AND TOPOGRAPHY: 50 acres, level

LOCATION: One-half mile west of city limits

ZONING: Agriculture

HIGHWAY ACCESS: On U.S. 41

WATER: Guthrie Municipal Water Company; 6-inch line

GAS: Not available

ELECTRICITY: Pennyrile RECC

SEWERAGE: Not available OWNERSHIP: Private

SITE #3: ACREAGE AND TOPOGRAPHY: 120 acres, level

LOCATION: One-half mile west of city limits

ZONING: Agriculture

HIGHWAY ACCESS: On U.S. 79 and U.S. 41

WATER: Guthrie Municipal Water Company; 8-inch line

GAS: Not available

ELECTRICITY: Pennyrile RECC

SEWERAGE: Not available

OWNERSHIP: Private

SITE #4: ACREAGE AND TOPOGRAPHY: 20 acres, level

LOCATION: Northeast of Guthrie adjoining city limits

ZONING: Agriculture

HIGHWAY ACCESS: Industrial Development Commission will build

access road to site.

RAILROADS: Louisville & Nashville Railroad

WATER: 700 feet from site

GAS: Not available

ELECTRICITY: 700 feet from site

SEWERAGE: Not available

OPTIONED BY: Guthrie Industrial Development Commission

SITE #5: ACREAGE AND TOPOGRAPHY: 25 acres, level

LOCATION: Partially within city limits

HIGHWAY ACCESS: City maintained street; one block from U.S. 41

RAILROADS: Louisville & Nashville Railroad

WATER: Guthrie Municipal Water Company; 8-inch line

GAS: Not available

ELECTRICITY: Pennyrile RECC

SEWERAGE: Not available

OPTIONED BY: Guthrie Industrial Development Commission

SITE #6: ACREAGE AND TOPOGRAPHY: 20 acres, fairly level

LOCATION: Approximately 2 miles west of city limits on Ky. 294

ZONING: Agriculture

HIGHWAY ACCESS: Ky. 294

WATER: Guthrie Municipal Water Company; 8-inch line

GAS: Not available

ELECTRICITY: Pennyrile RECC

SEWERAGE: Not available

OPTIONED BY: Guthrie Industrial Development Commission

ELKTON INDUSTRIAL SITE

ELKTON INDUSTRIAL SITE

For specific information concerning Elkton's available industrial site, contact Aubrey Campbell, Secretary-Treasurer of Elkton Industrial Foundation, Elkton, Kentucky, or the Kentucky Department of Commerce, Frankfort, Kentucky.

SITE #1: ACREAGE AND TOPOGRAPHY: 55 acres, fairly level

LOCATION: Approximately one-fourth mile west of

Elkton

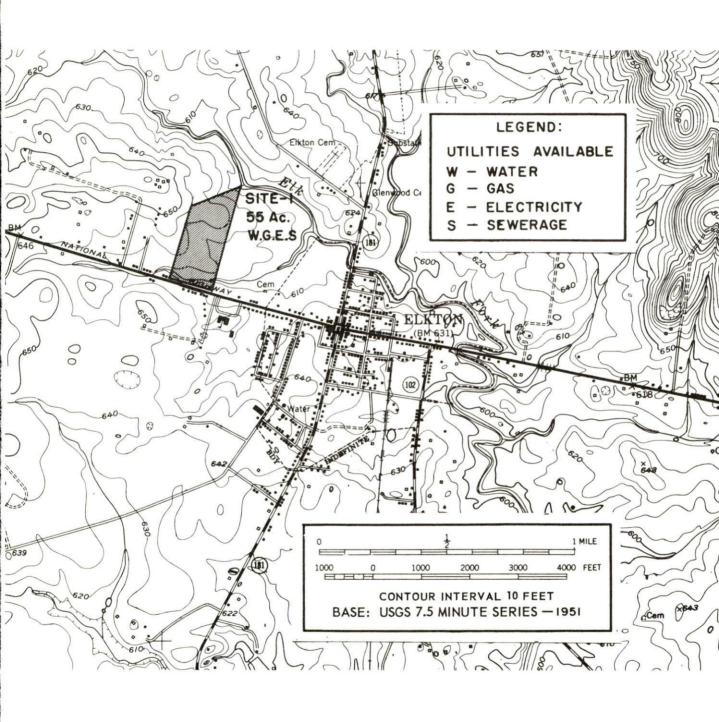
HIGHWAY ACCESS: U. S. 68

WATER: Elkton Water Works SIZE LINE: 12-inch

GAS: Western Kentucky Gas Co. ELECTRICITY: Pennyrile RECC

SEWERAGE: Municipal sewerage system

OWNERSHIP: Private



INDUSTRIAL RESOURCES TODD COUNTY, KENTUCKY

Prepared by

The Kentucky Department of Commerce

in cooperation with

The Elkton Industrial Foundation

and

The Guthrie Industrial Development Commission, Inc.

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TODD COUNTY, KENTUCKY, A PROFILE

Location

Todd County, located in the southwestern part of Kentucky, is in the Pennyrile region, which includes the great man-made Kentucky and Barkley Lakes and the new Land Between the Lakes National Recreation Area. Elkton, the county seat, is 13 miles from the Tennessee border, while Guthrie is on the Kentucky-Tennessee line. Elkton is 148 miles southwest of Louisville, 90 miles southeast of Paducah, and 50 miles north of Nashville, Tennessee. Interstate 24, connecting St. Louis, Missouri, and Nashville, Tennessee, will pass approximately 7 miles southwest of Guthrie.

The Economy

The Todd County economy is primarily influenced by employment in agriculture. Total county employment averaged 3,850 in 1968, of which 1,440 were employed in agriculture, 550 in manufacturing, 450 in government, and 440 in trade and services. The total personal income in Todd County in 1968 was estimated at \$20,801,000. Per capita income was \$1,908 for a gain of \$851 during the previous nine years. With the progressive attitude of its citizens and the growing labor supply, Todd County looks toward continued economic growth.

Employment in the four-county Todd County labor market area, composed of Todd and the adjacent counties, is marked by a favorable balance throughout. Employment in manufacturing ranks first, providing jobs for 7,300, trade and services 7,225, agriculture 6,960, and government in excess of 6,600.

Labor Supply

There is a current labor supply of 395 men and 280 women available for industrial jobs in Todd County. During the next five years 570 boys and 550 girls will reach the age of 18 years and augment the labor supply.

There is an estimated current labor supply of 2, 100 males and 3,000 females available for industrial jobs in the Todd County labor market area.

Industrial Sites and Services

Todd County has six available industrial sites ranging in size from 20 to 100 acres. Four of the sites are located in Guthrie and are served with electricity and water. Two sites are located in Elkton and have water, electricity, natural gas, and sewerage.

- ---Rail service is provided to Guthrie by the Louisville & Nashville Railroad.
- ---Interstate 24, connecting St. Louis, Missouri, and Nashville, Tennessee, will pass approximately 7 miles southwest of Guthrie.
- ---Outlaw Field, in Clarksville, Tennessee, is 12 miles from Guthrie and 25 miles from Elkton. The field is served by Ozark Air Lines.
- --- Five trucking firms serve Todd County.

Power and fuels are available in adequate volume from the Pennyrile RECC and the Western Kentucky Gas Company.

Education

Seven colleges and universities are located within a 75-mile radius of Todd County.

Recreation

Facilities for baseball, softball, and basketball are available at the local schools. The Jaycees sponsor Little League baseball and softball. The Elkton Industrial Foundation purchased 125 acres of land on which a 9-hole golf course, swimming pool and tennis court were constructed.

In Guthrie, there is a community recreation room maintained in the City Hall building; and two country clubs, within 12 miles of the city, have facilities for tennis, golf, and swimming.

THE LABOR MARKET

Population

In 1960, Todd County's population was 11,364, a decrease of 11.8 percent since 1950. The 1969 population estimate shows a slight decline between 1960 and 1969.

TABLE 1

POPULATION TREND - ELKTON, GUTHRIE, AND TODD COUNTY. KENTUCKY 1/

	Elk	ton	Gut	hrie	Todd County		
Year	Population	% Change	Population	% Change	Population	% Change	
1000					Photography and the state of th		
1900			807		17, 371		
1950	1,312		1,253	55.3	12,890	-25.8	
1960	1,448	10.4	1,211	- 3.4	11,364	-11.8	
$1969 \frac{2}{}$					10,900	- 4.1	

General Employment Characteristics

The total Todd County employment in 1968 averaged 3,850. Major segments of employment are agriculture (1,440), manufacturing (550), government (450), and trade and services (440).

In the four-county Todd County labor market area, including Todd, Christian, Logan, and Muhlenberg Counties, the total employment in manufacturing in 1968 was 7,300, trade and services 7,225, agriculture 6,960, and government in excess of 6,600.

Manufacturing Economy

Manufacturing activity in Todd County is experiencing a steady climb and now provides more than 550 jobs. Leaders in the employment fields are industries involved in the production of apparel, machinery and metal products, and wood products. Total manufacturing employment in 1968 was up 67.4 percent over the 1959 figure.

During the period since 1960, four new industries have located in Todd County. Of the total employment in Todd County, 56.1 percent of the employees are female.

TABLE 2

TODD COUNTY MANUFACTURING FIRMS, THEIR PRODUCTS,

AND EMPLOYMENT, 1969 3/

		Em	nent	
Firm	Product	Т	M	F
Elkton				
Ardco, Inc.	Glass doors for			
	refrigerators	49	39	10
Commonwealth Fertilizer Co.,				
Inc.	Fertilizer	4	4	0
Elkton Die Casting Co.	Aluminum die casting	35		
Kentucky Stone Co.	Agriculture lime	11		
Todd County Grain Co.	Feed	8	8	0
Todd County Ready Mix	Concrete tile	2	2	0
The Todd County Standard	Job printing	3	2	1
Todd Manufacturing Co.	Men's shirts and work			
	jackets	270	23	247
Wolff Lumber Co., Inc.	Pallets and wood products	17	16	1
Yonts & Sweeney Stave Co.,				
Inc.	Barrel staves	50	50	0
Guthrie				
Armour Chemical Co.	Fertilizer	4	4	0
W. R. Grace & Co.	Anhydrous ammonia	2	2	0
Koppers Co., Inc.	Wood preserving	47	45	2
Warren Elevator	Feed	11	10	1

In the four-county labor market area the total manufacturing employment in September, 1968, was 7,304. Major products are apparel (2,514 employed), machinery and metal products (2,185), and lumber and furniture (866).

TABLE 3

MANUFACTURING EMPLOYMENT, TODD COUNTY LABOR MARKET AREA, SEPTEMBER, 1968 4/

Industry	Employment
TOTAL	7,304
Apparel	2,514
Metal products and machinery	2,185
Lumber and furniture	866
Primary metals	739
Other	1,000

Labor Organizations

Elkton - Teamsters - Ardco, Inc.

Guthrie - Koppers Co., Inc., - International Hod Carrier's Building AFL-CIO, Local 661 and Common Laborer's Union of America.

Wage Levels

The average weekly wage in all industries covered by unemployment insurance in Todd County was \$72.68 during 1968. The weekly average in manufacturing was \$79.70. Comparable figures for Kentucky were \$112.16 for all industries; \$123.97 for manufacturing. All counties in the Todd County labor market area were below the Kentucky averages, except Muhlenberg County, whose average weekly wage for all industries was higher. This leads to a tentative conclusion that workers can be recruited for jobs in Todd County at about the minimum wage level for production jobs.

Some examples of specific occupational wage rates are: $\frac{5}{}$

	W	ages per Ho	our
Production Employees	Starting	Maximum	Prevailing
Assembler	\$1.60	\$1.95	\$1.70
Drill Press Operator	1.60	2.05	1.85
Inspector	1.60	2.82	1.95
Lathe Operator	1.60	1.88	1.60
Machinist, Set Up	2.25	3.20	2.65
Production Laborer	1.60	2.82	2.00
Punch Press Operator	1.60	2.05	1.85
Welder, Arc or Acetylene	1.80	2.20	2.00
Welder, Resistance or Spot	1.80	2.20	1.95
Sewing Machine Operator	1.60	2.82	2.05
Cutters (Sewing Operation)	1.95	2.90	2.05
Service Employees			
Carpenter	\$2.00	\$4.70	\$2.50
Electrician	5.50	5.50	5.50
Janitor	1.60	2.60	1.90
Laborer	1.60	2.50	1.90
Machinist	1.90	2.30	1.90
Mechanic, Maintenance	2.50	3.10	2.85
Shipping Clerk	1.60	2.10	1.80
Truck Driver	1.60	2.50	2.00
Tool, Die or Gauge Maker	3.25	3.40	3.25
Welder, Acetylene, Carbon & Ar	rc 2.00	4.35	3.00

	Wa	ages per Hou	ır
Office Employees	Starting	Maximum	Prevailing
Bookkeeper or Accounting Clerk	\$1.70	\$2.15	\$1.70
Chief Clerk	1.75	2.25	1.75
File Clerk	1.70	2.10	1.70
Receptionist	1.60	1.70	1.60
Secretary	1.80	2.40	1.85
Stenographer	1.70	2.10	1.75
Tabulating Machine Operator	1.70	1.75	1.70
Typist	1.60	1.85	1.70

Labor Supply

There is an estimated current labor supply of 2, 100 men and 3,000 women in the Todd County labor market area. The current labor supply includes estimates of unemployed, underemployed, and persons who would enter the labor force if jobs were made available. By 1975, this number should be increased by some 6,000 young men and 5,900 young women who will have become 18 years of age during the intervening five-year period.

TABLE 4

CURRENT AND FUTURE LABOR SUPPLY - TODD COUNTY

LABOR MARKET AREA

	Curr	ent Labo	r-Supply 6/	Future Labor Supply by 1975 (Becoming 18 Years of Age)				
	J	anuary l	969					
County	Total	Male	Female	Total	Male	Female		
Labor Market								
Area	5,135	2,108	3,028	11,932	6,064	5,868		
Todd	672	395	277	1,118	571	547		
Christian	1,555	688	867	6,104	3,104	3,000		
Logan	775	236	539	1,993	1,016	977		
Muhlenberg	2,133	788	1,345	2,717	1,373	1,344		

Income

The total personal income in Todd County in 1968 was estimated at \$20,801,000. Per capita income was \$1,908, for a gain of \$851 during the previous nine years. $\frac{8}{}$

EDUCATION

The educational system in the Todd County labor market area has the facilities to produce an effective labor force for future industrial growth.

Elementary and High Schools

The Todd County School System consists of one high school and six elementary schools. The high school, which has a rating of standard, had a 1968-69 student-teacher ratio of approximately 20-1. The elementary schools averaged a student-teacher ratio of 21-1. Total enrollment was 2,485.

Special personnel includes eight remedial reading teachers and two guidance counselors. The staff is composed of 126 professional employees and 100 nonprofessionals. The budget for the 1968-69 school year was \$1,286,000.

TABLE 5

SCHOOLS, ENROLLMENT, NUMBER OF TEACHERS, STUDENT-TEACHER RATIO IN TODD COUNTY, 1968-69 9/

			Student-
		No. of	Teacher
School	Enrollment	Teachers	Ratio
Todd County Elementaries	1,794	85	21-1
Todd County High School	691	34	20-1

Vocational Schools

Two vocational extension centers are located within 30 miles of Elkton. Hopkinsville, 19 miles distant, offers appliance repairs, auto mechanics, building trades, drafting, industrial electricity, and welding. Greenville, 30 miles distant, offers auto mechanics, building trades, drafting, industrial electricity, and welding.

Guthrie and Elkton are also served by the Madisonville Area Vocational-Technical School, located 56 miles from Elkton. Courses offered change to meet new demands, but generally cover such subjects as auto mechanics, electronics, drafting, machine shop, general industrial electricity, woodworking and carpentry.

Colleges and Universities

Western Kentucky University is located in Bowling Green, 43 miles from Elkton, and was founded in 1906 to train teachers for Kentucky. Since its founding, it has expanded its academic program to other areas.

The undergraduate division provides four-year programs leading to a Baccalaureate Degree. There are 32 academic majors and 37 minors to choose from, including professional and pre-professional programs. Also available are two-year programs leading to the Associate of Arts Degree in such areas as Industrial Technology and Engineering Technology. There is also an accredited nursing program and a one-year secretarial school.

Western's Graduate School provides programs leading to the Masters Degree in several fields.

Other institutions of higher learning in the Todd County area include:

College or University	Location	Distance From Elkton
Hopkinsville Community		
College	Hopkinsville, Kentucky	20 miles
Murray State University	Murray, Kentucky	76 miles
Brescia College	Owensboro, Kentucky	69 miles
Kentucky Wesleyan		
College	Owensboro, Kentucky	69 miles
Vanderbilt University	Nashville, Tennessee	50 miles
Austin Peay State College	Clarksville, Tennessee	25 miles

TRANSPORTATION

Rail

Guthrie is served by two main lines of the Louisville & Nashville Railroad. One line operates between Cincinnati, Ohio, and Memphis, Tennessee, and the other operates between St. Louis, Missouri, and New Orleans, Louisiana. The two main lines intersect at Guthrie. There are four local freights and two passenger trains daily. Switching service is provided on trackage accommodating 350 cars and siding space is available for 150 additional cars. Inbound shipments consist mainly of grain and outbound shipments are mainly railroad crossties.

The nearest railroad serving Elkton is the Louisville & Nashville Railroad at Guthrie, 10 miles distant, and Hopkinsville, 20 miles distant. Piggyback service is available in Hopkinsville.

TABLE 6

RAILWAY TRANSIT TIME FROM GUTHRIE, KENTUCKY, TO: $\frac{10}{}$

	No. of Days		No. of Days
City	CL	City	CL
Atlanta, Ga.	2	Louisville, Ky.	1
Birmingham, Ala.	2	Los Angeles, Calif.	8
Chicago, Ill.	3	Nashville, Tenn.	1
Cincinnati, Ohio	2	New Orleans, La.	3
Cleveland, Ohio	4	New York, N. Y.	5
Detroit, Mich.	5	Pittsburgh, Pa.	4
Knoxville, Tenn.	4	St. Louis, Mo.	2

Highways

Upon completion, Interstate 24 will pass 7 miles southwest of Guthrie. Todd County is served by U. S. Highways 41, 68, and 79, and Kentucky Routes 80, 102, 104, 106, 107, 115, 181, 475, 543, and 848.

Truck Service: Todd County is served by five truck lines.

Company

McLean Trucking Company
Skaggs Transfer, Inc.
Gateway Transportation Co., Inc.
Marvin Hayes Line, Inc.
Arnold Ligon Truck Line

Home Office

Winston-Salem, North Carolina Louisville, Kentucky La Crosse, Wisconsin Clarksville, Tennessee Lebanon, Kentucky

TABLE 7

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

		Del	very			Deliv	very
1	Highway	7 Time	(Days)		Highway	Tin	ne <u>11</u>
City	Miles	LTL	TL	City	Miles		
Atlanta, Ga.	320	2-3	1-2	Los Angeles, Cal	. 2,122	7-9	4-5
Birmingham, Ala	270	2-3	1-2	Louisville, Ky.	148	1 92	1
Chicago, Ill.	443	2-3	1	Nashville, Tenn.	50	1-2	1
Cincinnati, Ohio	258	1-2	1	New Orleans, La.	650	3-4	2
Cleveland, Ohio	500	2-3	2	New York, N. Y.	930	3-4	2
Detroit, Mich.	530	2-3	2	Pittsburgh, Pa.	553	2-3	1-2
Knoxville, Tenn.	250	1-2	1	St. Louis, Mo.	279	2-3	1

Air

Outlaw Field, located in Clarksville, Tennessee, is 25 miles from Elkton and 12 miles from Guthrie and served by Ozark Air Lines with regular daily flights.

One field is available in Todd County for small aircraft. This field, with a 3,600- by 200-foot turf strip, is located at Elkton.

Other Transportation Services

Bus service in Todd County is provided by the Southern Greyhound Bus Lines in Guthrie and by the Bowling Green-Hopkinsville Bus Line in Elkton.

Southern Greyhound Bus Lines serves Guthrie with three northbound and three southbound buses daily.

The Bowling Green-Hopkinsville Bus Line makes connections with Southern Greyhound Bus Lines in Hopkinsville and Bowling Green.

POWER AND FUEL

Electricity

The Pennyrile Rural Electric Cooperative Corporation serves 180 commercial and 8 industrial customers in Elkton. Capacity available is 24,000 kilowatts; peak kilowatts used in a 24-hour period has reached 11,610.

The Pennyrile RECC also serves Guthrie, providing service to 134 commercial and 7 industrial customers. Capacity available is 15,000 kilowatts; peak kilowatts used in a 24-hour period has reached 7,038.

The Pennyrile RECC purchases electric power from the Tennessee Valley Authority.

Abundant low-cost TVA electric power is available to industry in a number of counties of southern and southwest Kentucky. The power is distributed from TVA's 161/500-kv transmission network supplied by 47 hydro and 11 steam generation stations having a combined capacity of some 18 million kilowatts. The system is also fully interconnected with neighboring utilities.

More generating capacity is now under construction or scheduled for the TVA system than at any time in its history. More than 9 1/2 million kilowatts will be added to the system by the end of 1974, a 50 percent increase over the present system capacity of 18, 202, 090 kilowatts.

Eighteen independent electric distributors in the Kentucky portion of TVA's power service area purchase their power requirements at wholesale from TVA and retail the power to their various industrial and other customers. The industrial power is sold by these distributors under TVA's General Power Rate - Schedule C-2, or under very similar TVA schedules. While the distributors are able to meet the power requirements of essentially all industries locating in their service areas, TVA serves directly some industries whose power requirements are unusually large or unique. The rate charged by TVA for firm power to such industries is the same as would be applied by the local distributor.

Rates are listed below:

Residential

	KWH Per Month	Per KWH	
First	75	3.00 cents	
Next	150	2.00 cents	
Next	275	1.00 cents	
Excess over	500	0.70 cents	

General Power

A. If the customer's demand for the month and its contract demand, if any, are each less than 50 kilowatts:

Demand Charge:

First 10 kilowatts of demand per month, no demand charge Excess over 10 kilowatts of demand per month, at \$1.15 per kilowatt

Energy Charge:

B. If either the customer's demand for the month or its contract demand is at least 50 kilowatts but not more than 5,000 kilowatts:

Demand Charge: \$1.15 per month per kilowatt of demand

Energy Charge:

First 15,000 kilowatt-hours per month at 0.87 cent per kwh Next 25,000 kilowatt-hours per month at 0.67 cent per kwh Next 60,000 kilowatt-hours per month at 0.44 cent per kwh Next 400,000 kilowatt-hours per month at 0.33 cent per kwh Additional energy 0.31 cent per kwh

C. If either the customer's demand for the month or its contract demand is greater than 5,000 kilowatts:

Demand Charge:

First 75,000 kilowatts of demand per month, at \$1.15 per kilowatt Excess over 75,000 kilowatts of demand per month, at \$1.05 per kilowatt

Additional charge for any demand in excess of customer's contract demand, at \$1.15 per month per kilowatt

Energy Charge:

Natural Gas

Natural gas is distributed to 450 customers in Elkton by the Western Kentucky Gas Company, whose source of supply is the Texas Gas Transmission Corporation. Gas is tapped from a 10-inch high pressure transmission line. Distribution lines to the community are 3 inches. The average BTU content per cubic foot is 1,000 and specific gravity is .65.

General Service Rate:

```
First 1,000 cu. ft. or less per month $1.50

Next 2,000 cu. ft. per month .0895 per 100 cu. ft.

Next 7,000 cu. ft. per month .0715 per 100 cu. ft.

Next 40,000 cu. ft. per month .0655 per 100 cu. ft.

All additional cu. ft. per month .0585 per 100 cu. ft.
```

Rate 3-A:

Gas service under this rate is available only to customers who require and contract for not less than 100,000 cubic feet per day, or 24,000,000 cubic feet per year. Service may be 100 percent interruptible, or 100 percent firm, or a combination of the two. The cost shall be:

Interruptible Service

```
      First 2,000,000 cu. ft. per month
      $950.00

      Next 2,000,000 cu. ft. per month
      44.5¢ per 1,000 cu. ft.

      Next 2,000,000 cu. ft. per month
      42.5¢ per 1,000 cu. ft.

      All additional cu. ft. per month
      36.5¢ per 1,000 cu. ft.
```

Minimum Charge: \$950.00 per meter per month.

If additional information is needed, contact the Industrial Development Department, Western Kentucky Gas Company, Owensboro, Kentucky.

Natural gas is not available in Guthrie. Liquified petroleum is provided by two local distributors.

Coal

Delivery cost for coal from the Eastern and Western Coal Fields can be determined by the following: $\frac{12}{}$

Guthrie

Point of Origin	Freight Delivery Cost (Net Ton)
Brier Creek, Kentucky	\$2.34
Fies, Kentucky	2.34
Jellico - Midd, Tennessee	3.95
Harlan, Kentucky	4.13

Fuel Oil

Kentucky has three fuel oil refineries located in Cattlettsburg, 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, Frankfort, Kentucky.

WATER AND SEWERAGE

Water

The Elkton Water Works, with a filtration capacity of 360,000 gallons per day, supplies treated water to the City of Elkton. The average daily use is 180,000 gallons; the maximum daily use has reached 231,000 gallons. The average pumping time to meet daily requirements is 12 hours. Distribution lines range from 4 to 12 inches, with average pressure maintained at 55 psi. A 36-acre lake serves as the source of raw water. Storage facilities for treated water consist of three elevated tanks with 50,000-, 150,000- and 200,000-gallon capacities.

Current monthly water rates are:

First	2,000 gallons	\$4.50
Next	3,000 gallons	1.00 per M gallons
Next	5,000 gallons	.90 per M gallons
Next	15,000 gallons	.75 per M gallons

Guthrie is supplied water by the Guthrie Municipal Water Company. The source of raw water is a local spring. Filtration capacity of the treatment plant is 432,000 gallons per day and the average pumping time to meet daily requirements is 8 hours. Storage for treated water is provided by a 150,000-gallon standpipe and an 80,000-gallon clear well. The average daily use is 150,000 gallons and the maximum daily use has been 230,000 gallons. The distribution lines range from 2 to 8 inches, with average pressure of 65 psi.

Monthly water rates are:

First	2,000 gallons	\$3.50
Next	3,000 gallons	4.10
Next	4,000 gallons	4.70
Next	5,000 gallons	5.30
Next	6,000 gallons	5.80
Next	7,000 gallons	6.30
Next	8,000 gallons	6.80
Next	9,000 gallons	7.30
Next	10,000 gallons	7.80
All over	25,000 gallons	.30 per M gallons

Sewerage

The Elkton Water & Sewer Department's new 250,000-gallon per day sewage treatment plant provides both primary and secondary treatment. The average daily flow is 125,000 gallons. Sanitary sewers range from 4 to 12 inches. Separate 12- and 15-inch storm sewers are maintained. At the present time 560 customers, or 50 percent of the city, are being served. The sewerage rate is 70 percent of the monthly water bill. The treated effluent is discharged into Elk Fork Creek.

Guthrie has no central sanitary sewerage system. Septic tanks are in widespread use throughout the city. Estimates have been made and application for a Federal grant has been submitted for construction of a sanitary sewerage system in Guthrie.

AGRICULTURE - NATURAL RESOURCES - CLIMATE

Agriculture

The approximate total land area of Todd County is 240,640 acres, with 82 percent of the area devoted to farm land. In 1964, there were 1,039 farms in the county, with an average size of 191 acres.

Farming income in the county is primarily from the production of tobacco, supplemented by cattle, dairying, and hogs. The 1964 value of sales of all farm products totaled \$7,961,813, averaging \$7,663 per farm. Crop sales totaled \$4,795,255; livestock and livestock products amounted to \$3,166,558.

In 1967, agricultural production in Todd County included 2.2 million pounds of burley tobacco, 1.2 million pounds of dark-fired tobacco, 806,000 pounds of dark air-cured tobacco, and 2.8 million bushels of corn. Livestock on farms on January 1, 1968, included 33,500 cattle and calves, and 16,700 hogs and pigs. Milk cows on farms during 1966 averaged 3,600 head, with milk production for the year totaling 24.1 million pounds.

Mineral Resources

The principal mineral resources of Todd County, produced in order of value in 1967, were limestone and petroleum. Unconsolidated conglomeratic gravel deposits and thin coal seams occur in the northern section of the county and possibly could be used for local, small-scale consumption. Clays suitable for the manufacture of common brick and tile have been identified but no commercialization has come about.

Limestone is widely distributed throughout the county. Some grades of oolitic limestone found in the northern part of the county are reported to be of superior quality for building purposes. The center portion of the county lies within a high-calcium limestone belt which extends in a circular pattern bordering the fringe area of the Western Kentucky Coal Field. These high-calcium stones offer a wide range of uses in the chemical industry. Presently, limestone is being mined for use as concrete aggregate, roadstone, and agricultural lime. Two quarries were reported in operation during 1964.

Through 1968, an accumulative total of 170,897 barrels of crude oil had been produced in the county. In 1968, 531 barrels were produced. The Herman Pool, in the southern portion of the county, is the more prominent field in the area. The pool is located on a small structure and greatly increases the attractiveness of the many other small structures which have not been tested.

Water Resources

As no large streams traverse Todd County, large quantities of surface water come from impoundments of small streams. Stream flow data available in the area gives low-flow measurements made on the West Fork of Red River, 2.7 miles west of Trenton, on October 2 and November 5, 1953. These discharge measurements were .5 cfs and .3 cfs, respectively.

Ground water is the principal source of municipal water supply. The expected yield of ground water in the northern portion of the county is 5 gpm or less. The eastern portion has an expected yield of 5 to 50 gpm with the remaining southern portion with 50 to 200 and 200 to 500 gpm, respectively. These yields are a potential for industrial water supplies. Exceptions may be found in restricted areas.

Forests

There are 61,100 acres of commercial forest land in Todd County, covering 25.4 percent of the total land area. The most abundant species are red oaks, white oaks, hickories, ash, sweetgum, yellow poplar, and beech.

In Kentucky, within a 50-mile radius of Elkton, there are 1,257,000 acres of commercial forest land. In 1962, 124 million board feet of timber were harvested from this area. The adjacent part of Tennessee is 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

Todd County 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, January, and February.

Rainfall is sufficient for the needs of each season. The average yearly precipitation is 46.16 inches. Rainfall is heaviest in January and March.

In the average year there are about 153 days cloudy, 108 days partly cloudy, and 104 days of sunshine. According to a 19-year study, an average of only 16 days a year have fog.

The normal monthly minimum temperature ranges from 30.5 to 69.7 degrees F., while equivalent maximum temperatures range from 47.5 to 89.1 degrees F. Over the year the average temperature ranges from 39 to 79.4 degrees F. Prevailing wind is from the south.

LOCAL GOVERNMENT

Structure

<u>City</u>: Elkton and Guthrie are fifth-class cities. Each is governed by a mayor elected for a four-year term, and six councilmen elected for two-year terms.

<u>County</u>: Todd County is governed by a fiscal court composed of a county judge elected for a four-year term and eight magistrates elected by district for four-year terms.

Finance

The City of Elkton had an income of \$48,246 for the 12 months ending December 31, 1968, while expenditures totaled \$45,497. The city has no bonded indebtedness.

The City of Guthrie had an income of \$13,664 for the 12 months ending December 31, 1968, while expenditures totaled \$12,000, with no bonded indebtedness.

Todd County's estimated budget for the fiscal year 1968-69 was \$102,170. The county has no bonded indebtedness. As of June 30, 1969, county school bonds outstanding totaled \$549,000.

Taxes

Property taxes are the major source of income for Elkton and Guthrie. Property must be assessed at 100 percent of assessed valuation under provisions of the Kentucky Constitution. Net assessed value of property in these jurisdictions in 1968 was:

Classes of Property	Elkton	Guthrie	Todd County
Real Estate	\$4,896,600	\$2,787,854	\$44,553,293
Tangibles	1,203,208	687,864	6,309,697
Public Service	481,424	443,793	8,047,286

Property tax rates for Elkton, Guthrie, and Todd County are shown in Table 8.

TABLE 8

PROPERTY TAX RATES PER \$100 OF ASSESSED VALUE FOR ELKTON, GUTHRIE, AND TODD COUNTY, 1968 13/

Taxing Unit	Elkton	Guthrie	Todd County*
State	\$.015	\$.015	\$.015
County	. 153	. 153	. 153
School	. 393	. 393	. 393
City	280	. 300	
Total	\$.841	\$.861	\$.561

^{*}Special tax - not county-wide - watersheds: East Fork, Pond River \$.086 Mud River \$.080

The City of Elkton requires an annual business license which ranges from a minimum of \$10.50 to a maximum of \$70.50.

The City of Guthrie requires an annual business license which ranges from a minimum of \$15 to a maximum of \$65.

Elkton and Guthrie are empowered by state law to allow a five-year exemption from municipal taxation for new industry.

Planning and Zoning

The Elkton Planning Commission has completed a Base Map, Existing Land Use Analysis, and Existing Land Use Map.

The Guthrie Planning Commission has completed the following studies: Comprehensive Plan, Zoning Ordinance, and Subdivision Regulations.

Safety

<u>Fire</u>: The Elkton Fire Department staff consists of a chief and 16 volunteer firemen. The department's equipment includes a GMC truck with a 750-gpm pump, 1,100 feet of 2 1/2-inch hose and 500 feet of 1 1/2-inch hose; and a Chevrolet truck with a 500-gpm pump and 500 feet of 2 1/2-inch hose. The city has a Class-6 American Insurance Association fire rating.

The Guthrie Fire Department is staffed by a chief and 13 volunteer firemen. Motorized equipment consists of a 750-gpm pumper truck equipped with 1,200 feet of 2 1/2-inch hose, 400 feet of 1 1/2-inch hose, 200 feet of 1-inch booster hose, and a 500-gallon booster tank; and a 400-gpm pumper

truck equipped with 500 feet of 2 1/2-inch hose, 500 feet of 1 1/2-inch hose, 250 feet of 3/4-inch booster hose, and a 500-gallon booster tank. The alarm is given by a newly installed small town emergency warning system. The city has a Class-7 American Insurance Association fire rating. The Guthrie Fire Department also provides protection outside the city limits at a nominal fee.

The Guthrie Fire Department is a member of the Pennyrile Fire Department Association, a mutual aid organization. Aid can be sent by dispatcher in Hopkinsville from sixteen member departments.

Police: The Elkton Police Department is staffed by a chief and four patrolmen. One cruiser is used for patrolling.

The Guthrie Police Department is staffed by a chief and one patrolman. Equipment consists of a 1967 city-owned cruiser.

Todd County has a county sheriff, four deputies, and one clerk. They utilize three patrol cars, which are radio-equipped and privately owned.

Sanitation

The City of Elkton has a weekly garbage pickup by a private contractor. The fee for the residential area is \$2.50 per month, and \$3 per month for the business area.

Garbage is collected by private contractors daily in the business section and weekly in the residential section of Guthrie. The fee is 50 cents per week for the residential area and \$1 per week for the business section.

HEALTH

Hospitals

Elkton and Guthrie are served by the Jennie Stuart Memorial Hospital in Hopkinsville, 25 miles distant. There is a staff of 30 doctors, 38 nurses, a physical therapist, a Ph. D. bacteriologist, 4 registered X-ray technicians, and 8 registered lab technicians.

Hospital facilities include pediatrics, maternity, X-ray, radioisotope, laboratory, pathology, physical therapy, blook bank, intensive care units, pharmacy, emergency rooms, four operating rooms, 175 beds and 26 bassinets.

The Pennyroyal Mental Health Clinic and the Western State Hospital, also a mental institution, are located in Hopkinsville. In addition, there are three extended care centers with a combined total of 140 beds for convalescents.

Nursing Homes

The Pembroke Nursing Home, 15 miles from Guthrie, serves the area at present.

A new 68-bed nursing home is under construction at Elkton and will be completed in October 1969.

Public Health

The Todd County Health Department, located in Elkton, is staffed by one registered nurse, one clerk and a sanitarian. The public health program includes the following: communicable disease control, field and office visits, tuberculosis control, mobile X-ray unit, adult health service, crippled children's program, and general health activities. The operational budget for 1969-70 is \$5,193.

OTHER LOCAL FACILITIES

Housing

The rental range for a 2- or 3-bedroom house is \$50 to \$75 per month. A new 36-lot subdivision has recently been opened in Guthrie. Construction cost of 2-bedroom houses without basement starts at \$13,500, while cost of a 3-bedroom house without basement starts at \$15,500.

Communication

Telephone: The South Central Bell Telephone Company serves Todd County with a modern dial system and a county-wide toll free exchange. The system serves 2,616 customers in Todd County.

Telegraph: There is no telegraph service in Elkton.

Telegraph service is available in Guthrie Monday through Friday from 8 A.M. to 4 P.M.

<u>Postal</u>: Elkton has a second-class post office with eight full-time employees. Mail is received and dispatched twice daily. Postal receipts for 1968 were \$37,380.

Guthrie has a second-class post office with eight employees. Mail is received and dispatched three times daily. Postal receipts for 1968 were \$18,608.

Newspapers: The Todd County Standard, a weekly newspaper with a current circulation of 2,300, serves Todd County. Newspapers from Hopkinsville and Louisville, Kentucky, and Nashville, Tennessee, are received daily.

Radio: Hopkinsville and Russellville, Kentucky, and Nashville and Clarksville, Tennessee, stations provide radio coverage for the Todd County area.

<u>Television:</u> All three major television networks are represented in the Todd County area. Reception is excellent from three stations in Nashville, Tennessee, and one station in Bowling Green, Kentucky.

Libraries

Elkton is in the process of setting up a library with completion due in the very near future.

Todd County is served by a bookmobile from the Logan County Public Library at Russellville, Kentucky.

Churches

Churches represented in Todd County include: Assembly of God, Baptist, Catholic, Christian, Church of Christ, Latter Day Saints, Methodist, Nazarene, and Presbyterian.

Financial Institutions

St	atement as of Dec	cember 31, 1968
Bank	Assets	Deposits
Elkton Bank & Trust Company	\$4,059,924.40	\$3,615,048.69
Planters Bank of Todd County	2,595,560.96	2, 357, 792.89

Hotels and Motels

Elkton

Jefferson Davis Hotel - 38 rooms

Guthrie

Covington's Motel - 28 units Holiday Motel - 20 units "41" Motel - 8 units

Clubs and Organizations

Elkton

Business and Civic: Rotary Club, Chamber of Commerce, Civitan, Elkton Industrial Foundation

Fraternal: Masons

Women's: Garden Club, Homemakers, Eastern Star, Women's Auxiliary of Chamber of Commerce

Youth: Girl Scouts, Boy Scouts

Other: Todd County Fish and Game Club

Guthrie

Business and Civic: Guthrie Industrial Foundation, Lions Club

Fraternal: Masons

Women's: Garden Club, Homemakers, Eastern Star

Youth: Boy Scouts

Other: Todd County Fish and Game Club

Recreation

Local: Recreational facilities for baseball, basketball, and softball are available at the local schools. Little League baseball is sponsored by the Jaycees. The Elkton Industrial Foundation purchased 125 acres of land on which a 9-hole golf course, swimming pool and tennis courts were constructed.

Guthrie has a community recreation room maintained in the City Hall building and two country clubs which have facilities for tennis, golf, and swimming are located within 12 miles of the city.

Other: Western Kentucky University, located at Bowling Green, Kentucky, 43 miles distant, and Murray State University, 76 miles distant, offer intercollegiate athletic programs in football, basketball and baseball. Art exhibits, lectures, and concerts are open to the public.

Mammoth Cave, one of the seven wonders of the modern world, is 78 miles from Elkton. The cave is one of the world's largest networks of cavern corridors, covering more than 150 miles of charted caverns on five distinct levels.

Kentucky Lake, with 2,380 miles of shoreline, is the largest manmade lake in the world. Fishing, swimming, boating, and water skiing are popular and facilities are plentiful.

Lake Barkley, with 1,200 miles of shoreline, is connected to Kentucky Lake by a free-flowing canal. This will be Kentucky's largest public recreational facility - an \$8 million complex. Planned is a 124-room lodge, dining rooms, coffee shop, cottages, bathhouse, beach, lodge, pool, golf course, and playground.

Lake Malone State Park, 20 miles distant, has an 826-acre lake and all water sports are available.

Pennyrile Forest State Park, 46 miles from Elkton, offers a lodge, pool, beach, bathhouse, boat rental, fishing, golf, horseback riding, hiking, picnic shelter, playground, and air-conditioned cottages.

The Jefferson Davis Shrine, 9 miles from Elkton, memorializes the birthplace of the President of the Confederacy. A museum is housed in the monument, a 351-foot cast concrete obelisk, which is the tallest in the world. An elevator ride to the top of the monument affords a magnificent view of the countryside.

Community Improvements

Elkton: A new 250,000-gpd sewage treatment plant has been constructed. A new library is being organized. A new 68-bed nursing home is under construction. A new school for grades 6, 7, and 8 is planned.

Guthrie: Many city streets have been resurfaced. In 1965, the new city water treatment plant went into use. Modern 400-watt Mercury lights have been installed. A new 36-lot subdivision has been opened. Preliminary planning and engineering for the city sewerage system is underway. A new jail and firehouse will be completed in 1969.

HISTORY

Todd County, the sixty-fourth county formed in Kentucky, dates from 1819. Its territory was taken from Christian and Logan Counties.

Franklin M. Chestnut, John Montgomery, and James Davis of Virginia settled on the West Fork of Red River in 1785, when the area was still a part of Lincoln County. Later when Todd County was formed the West Fork of Red River lay within its bounds.

According to legend, John Stalling was the first white man to set foot on Kentucky soil. He was captured by some Indians in present-day southwestern Virginia, taken across Tennessee, and entered Kentucky in Todd County in 1732. These events took place eighteen to thirty years before Dr. Thomas Walker, Christopher Gist, George Crogan, John Swift, Daniel Boone, or the Long Hunters explored the area. He was captured by an Illinois tribe while hunting in Todd County, and was taken to Kaskaskia on the Mississippi River several miles downstream from present-day St. Louis. He was first sold to the Spaniards, but they soon returned him to his Illinois captors. While these Indians were on a trading expedition in Canada, the Governor of the Province purchased Stalling and sent him home to Virginia. Stalling then purchased a tract of land, built a house, and disappeared from history.

Todd County was named for Colonel John Todd, a native of Pennsylvania, who came to Kentucky around 1775 and joined Colonel Richard Henderson's party at Boonesborough. He visited Virginia after the Transylvania Company lost its claim to Kentucky in 1776 by the formation of Kentucky County by the Virginia Legislature, but returned in 1777 and settled in Lexington on a 700-acre tract for which he had obtained a certificate of ownership. He accompanied General George Rogers Clark on his campaign against Kaskaskia, Cahokia, and Vincennes, was made temporary Governor of the Territory of Illinois, and lost his life at the Battle of Blue Licks on August 19, 1782.

When the great controversy between the North and the South came to a head, Jefferson Davis was elected President of the Confederacy. At the close of the conflict he made an effort to go abroad, but was captured in Georgia and imprisoned for two years at Fortress Monroe. He died in New Orleans in 1889.

Davis' birthplace is marked with a monument some 350 feet high, erected on a 20-acre state park. It is the third highest monument in the world and the highest cast concrete structure. Near its base is a replica of the two-room house on the Todd-Christian County line in which Jefferson Davis was born.

Benjamin H. Bristow, a native of Elkton and a Union officer during the Civil War, became a state senator, United States Attorney for Kentucky, and the first United States Solicitor General. He became Secretary of the Treasury in 1874, and reorganized the department and strengthened his reputation by successfully prosecuting the powerful Whiskey Ring.

SOURCES OF INFORMATION

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- 4/ Kentucky Department of Economic Security, Division of Research and Statistics.
- 5/ Kentucky Department of Economic Security, Division of Employment Service.
- 6/ Kentucky Department of Economic Security, Division of Research and Statistics.
- 7/ Kentucky Department of Commerce, Kentucky's Labor Supply Estimates, 1968.
- 8/ Office of Development Services and Business Research, University of Kentucky, Lexington, Kentucky.
- 9/ Kentucky Department of Education, Kentucky School Directory, 1968-69.
- 10/ Louisville & Nashville Railroad Company, Louisville, Kentucky.
- 11/ McLean Trucking Company, Winston-Salem, North Carolina.
- 12/ Louisville & Nashville Railroad Company, Louisville, Kentucky.
- 13/ Kentucky Department of Revenue, Kentucky Property Tax Rates, 1968.