

1988

Industrial Resources: Carter County - Olive Hill and Grayson

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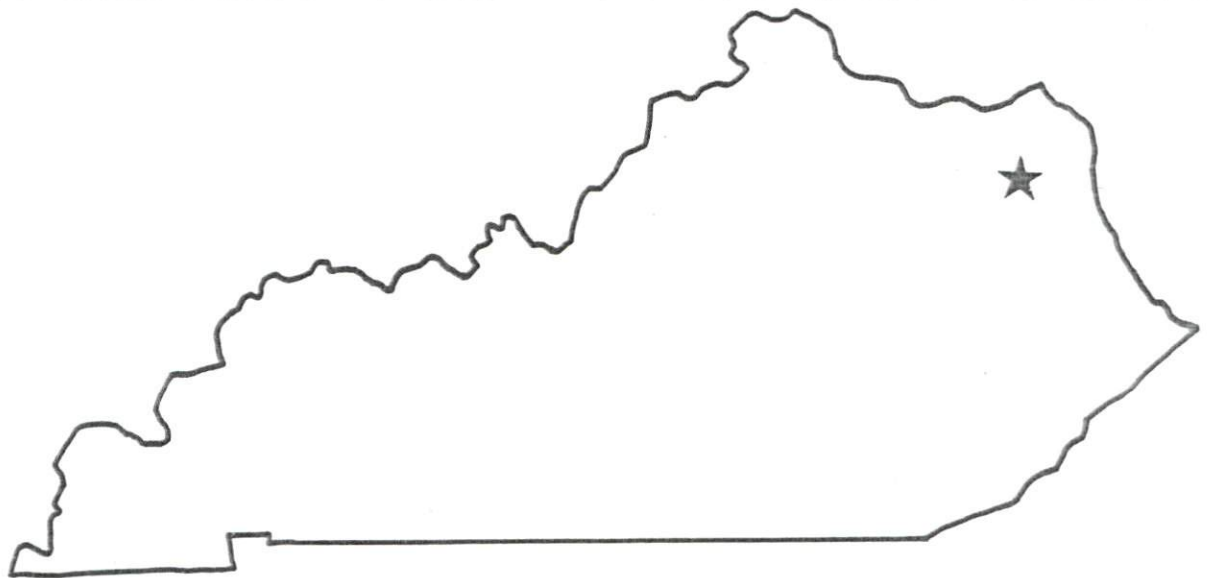
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RESOURCES FOR ECONOMIC DEVELOPMENT

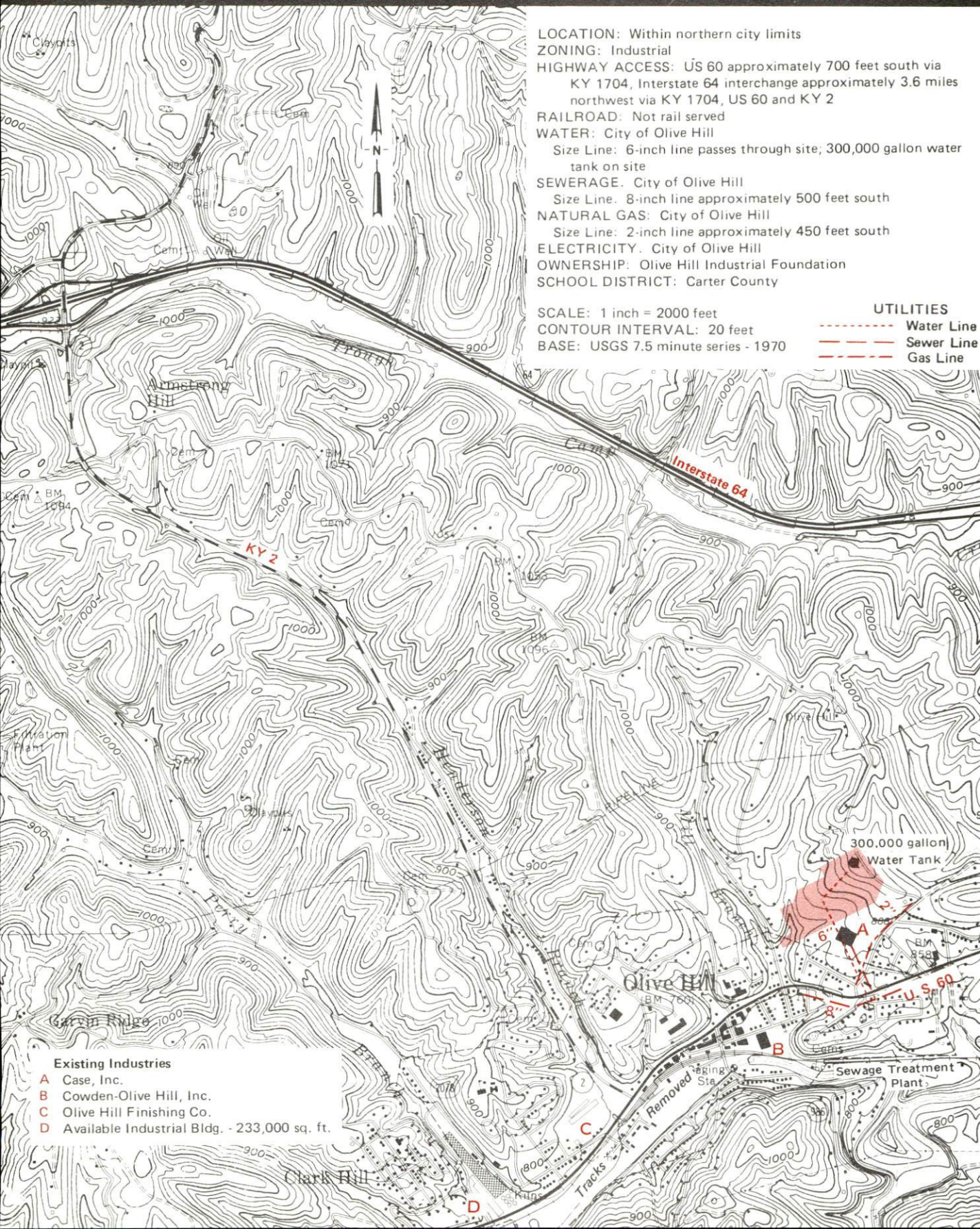
**Olive Hill &
Grayson**



KENTUCKY
Open for Business

OLIVE HILL, KENTUCKY --- Site 188 --- 22 Acres

For more information contact the Cabinet for Economic Development, Department of Business Development, Industrial Development & Marketing Division, Capital Plaza Tower, Frankfort, Kentucky 40601 (502-564-7140)



LOCATION: Within northern city limits
ZONING: Industrial
HIGHWAY ACCESS: US 60 approximately 700 feet south via KY 1704, Interstate 64 interchange approximately 3.6 miles northwest via KY 1704, US 60 and KY 2
RAILROAD: Not rail served
WATER: City of Olive Hill
 Size Line: 6-inch line passes through site; 300,000 gallon water tank on site
SEWERAGE: City of Olive Hill
 Size Line: 8-inch line approximately 500 feet south
NATURAL GAS: City of Olive Hill
 Size Line: 2-inch line approximately 450 feet south
ELECTRICITY: City of Olive Hill
OWNERSHIP: Olive Hill Industrial Foundation
SCHOOL DISTRICT: Carter County

SCALE: 1 inch = 2000 feet
CONTOUR INTERVAL: 20 feet
BASE: USGS 7.5 minute series - 1970

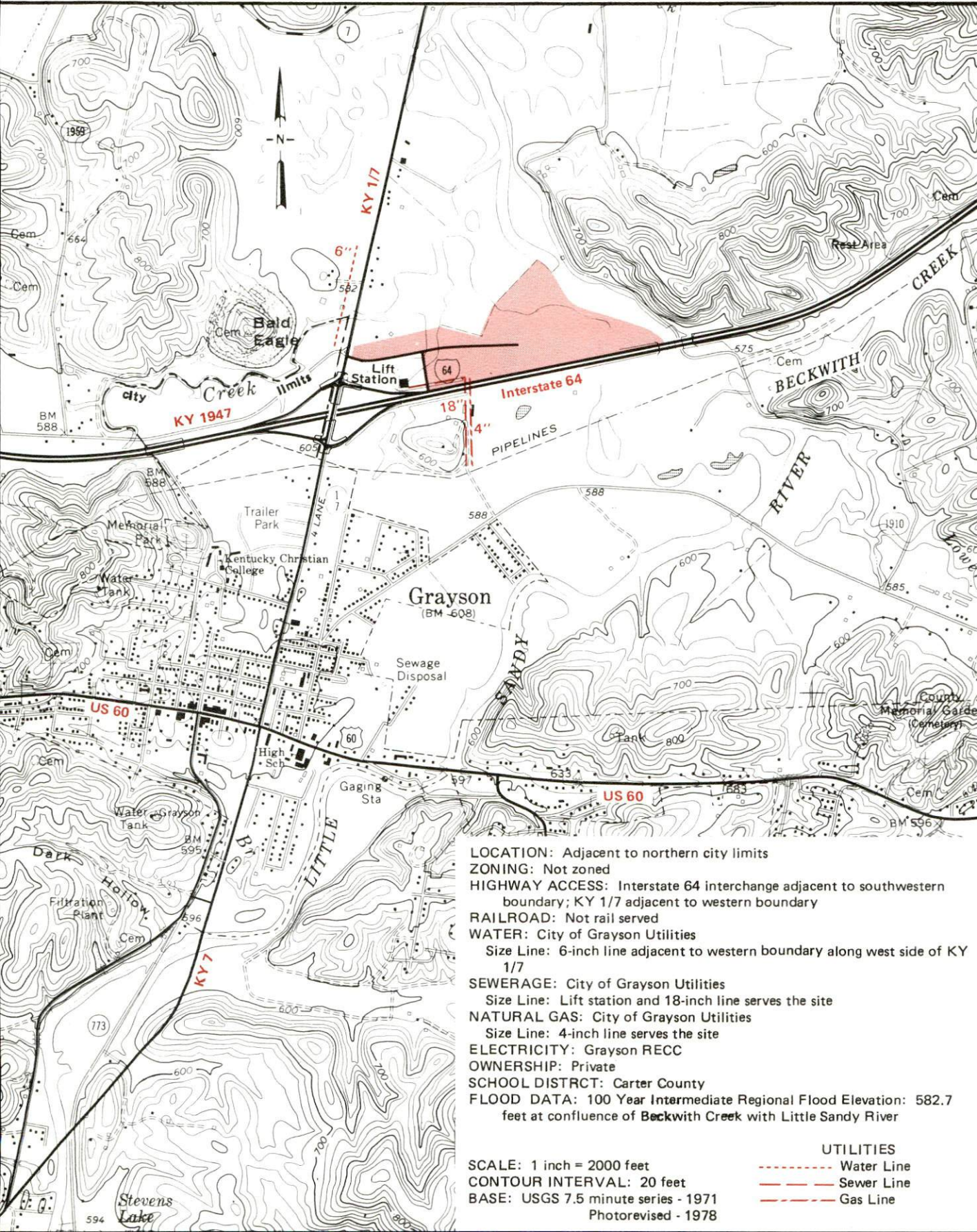
UTILITIES
 - - - - - Water Line
 - - - - - Sewer Line
 - - - - - Gas Line

Existing Industries

- A Case, Inc.
- B Cowden-Olive Hill, Inc.
- C Olive Hill Finishing Co.
- D Available Industrial Bldg. - 233,000 sq. ft.

GRAYSON, KENTUCKY --- Site 188 --- 80 Acres

For more information contact the Cabinet for Economic Development, Department of Business Development, Industrial Development & Marketing Division, Capital Plaza Tower, Frankfort, Kentucky 40601 (502-564-7140)



LOCATION: Adjacent to northern city limits
ZONING: Not zoned
HIGHWAY ACCESS: Interstate 64 interchange adjacent to southwestern boundary; KY 1/7 adjacent to western boundary
RAILROAD: Not rail served
WATER: City of Grayson Utilities
 Size Line: 6-inch line adjacent to western boundary along west side of KY 1/7
SEWERAGE: City of Grayson Utilities
 Size Line: Lift station and 18-inch line serves the site
NATURAL GAS: City of Grayson Utilities
 Size Line: 4-inch line serves the site
ELECTRICITY: Grayson RECC
OWNERSHIP: Private
SCHOOL DISTRICT: Carter County
FLOOD DATA: 100 Year Intermediate Regional Flood Elevation: 582.7 feet at confluence of Beckwith Creek with Little Sandy River

SCALE: 1 inch = 2000 feet
CONTOUR INTERVAL: 20 feet
BASE: USGS 7.5 minute series - 1971
 Photorevised - 1978

UTILITIES
 - - - - - Water Line
 - - - - - Sewer Line
 - - - - - Gas Line

RESOURCES FOR ECONOMIC DEVELOPMENT

OLIVE HILL & GRAYSON, KENTUCKY

Prepared by
The Kentucky Department of Business Development
Division of Research and Planning
in cooperation with
The Grayson Area Chamber of Commerce
and
The Olive Hill Chamber of Commerce

1988

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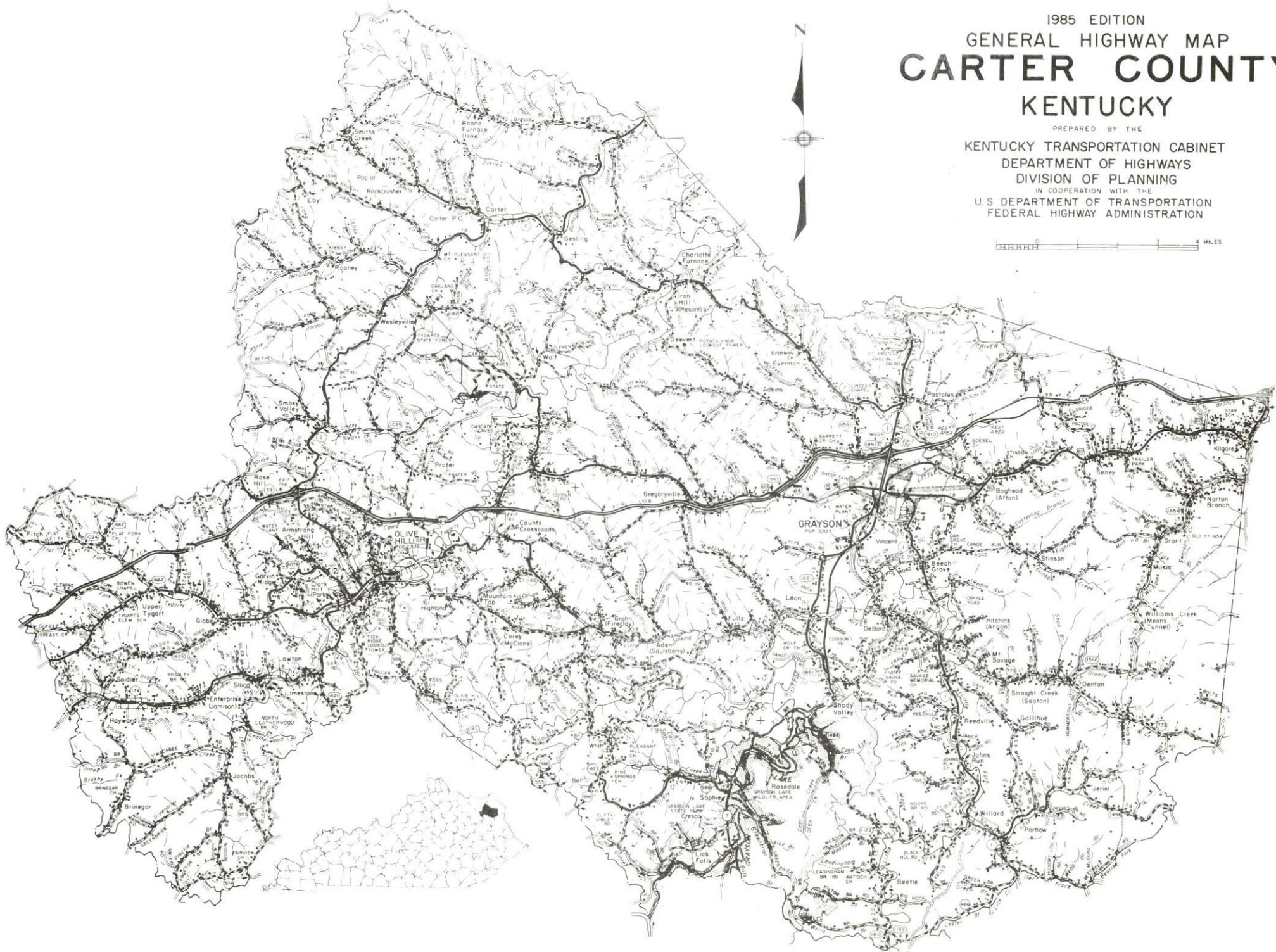
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1985 EDITION
GENERAL HIGHWAY MAP
CARTER COUNTY
KENTUCKY

PREPARED BY THE
KENTUCKY TRANSPORTATION CABINET
DEPARTMENT OF HIGHWAYS
DIVISION OF PLANNING
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION



OLIVE HILL AND GRAYSON, KENTUCKY - A RESOURCE PROFILE

Olive Hill is located in the western portion of Carter County. Grayson, the county seat of Carter County and the home of Kentucky Christian College, is situated in the eastern portion of the county. Olive Hill is located 156 miles east of Louisville, Kentucky; 162 miles southeast of Cincinnati, Ohio; and 247 miles northeast of Knoxville, Tennessee. The 1986 estimated population of Carter County was 25,440, with 2,660 people in Olive Hill and 3,190 people in Grayson.

The Economic Framework - The total number of Carter County residents employed in 1987 averaged 7,599. Manufacturing firms in the county reported 920 employees; wholesale and retail trade provided 1,178 jobs; 383 people were employed in service occupations; state and local government accounted for 862 employees; contract construction firms provided 144 jobs; and 208 people were employed by mining and quarrying operations.

Labor Supply - There is a current estimated labor supply of 16,208 men and 20,980 women available for industrial jobs in the labor market area. In addition, from 1988 through 1992, 7,294 young men and 7,103 young women in the area will become 18 years of age and potentially available for industrial jobs.

Transportation - Carter County is directly served by Interstate 64 and U.S. 60, both "AAA"-rated highways. Four trucking companies provide Carter County with interstate and/or intrastate service. Sellers Field, 4 miles southeast of Olive Hill, has a 2,500-foot paved runway. The nearest commercial airline service is Tri-State Airport, 9 miles southwest of Huntington, West Virginia, 37 miles east of Olive Hill.

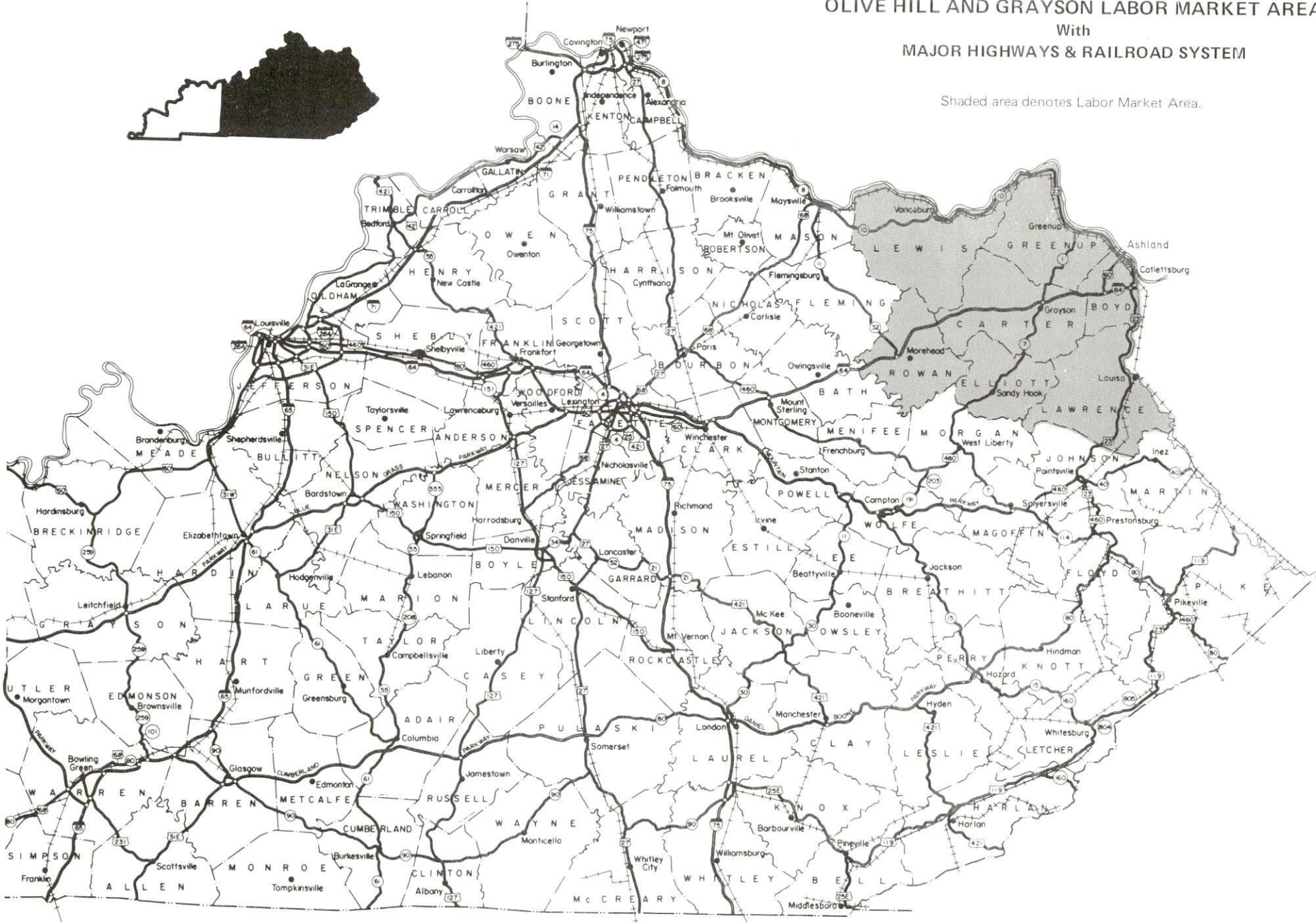
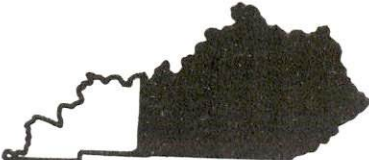
Power and Fuel - Electric power is provided to Olive Hill by the Olive Hill Municipal Electric Company, which is supplied by the Kentucky Power Company. Grayson and Carter County are provided electric power by the Kentucky Power Company. Also serving Carter County is the Grayson RECC. Olive Hill is provided natural gas by the City of Olive Hill Municipal Gas Company. Grayson is provided natural gas by the City of Grayson Utilities.

Education - Primary and secondary education is provided to Olive Hill and Grayson by the Carter County School System. Kentucky Christian College, located in Grayson, is a four-year institution designed especially for the preparation of men and women who plan to enter specialized church-related vocations. Vocational training is provided by the Carter County Area Vocational Education Center at Olive Hill and Ashland State Vocational-Technical School at Ashland, 36 miles east of Olive Hill.

OLIVE HILL AND GRAYSON LABOR MARKET AREA

With
MAJOR HIGHWAYS & RAILROAD SYSTEM

Shaded area denotes Labor Market Area.



LABOR MARKET STATISTICS

The Olive Hill and Grayson Labor Market Area includes Carter County and the adjoining Kentucky counties of Boyd, Elliott, Greenup, Lawrence, Lewis, and Rowan.

POPULATION

<u>Area</u>	<u>1986*</u>	<u>1980</u>	<u>1970</u>	<u>Percent Nonwhite</u>
				<u>1980</u>
Olive Hill	2,660	2,539	1,197	0.1
Grayson	3,190	3,423	2,184	0.5
Labor Market Area	171,075	174,328	151,442	-
Carter County	25,440	25,060	19,850	0.2
Boyd County	53,268	55,513	52,376	2.3
Elliott County	6,630	6,908	5,933	0.0
Greenup County	37,993	39,132	33,192	0.6
Lawrence County	14,417	14,121	10,726	0.4
Lewis County	14,174	14,545	12,355	0.3
Rowan County	19,153	19,049	17,010	2.1

* Population estimates.

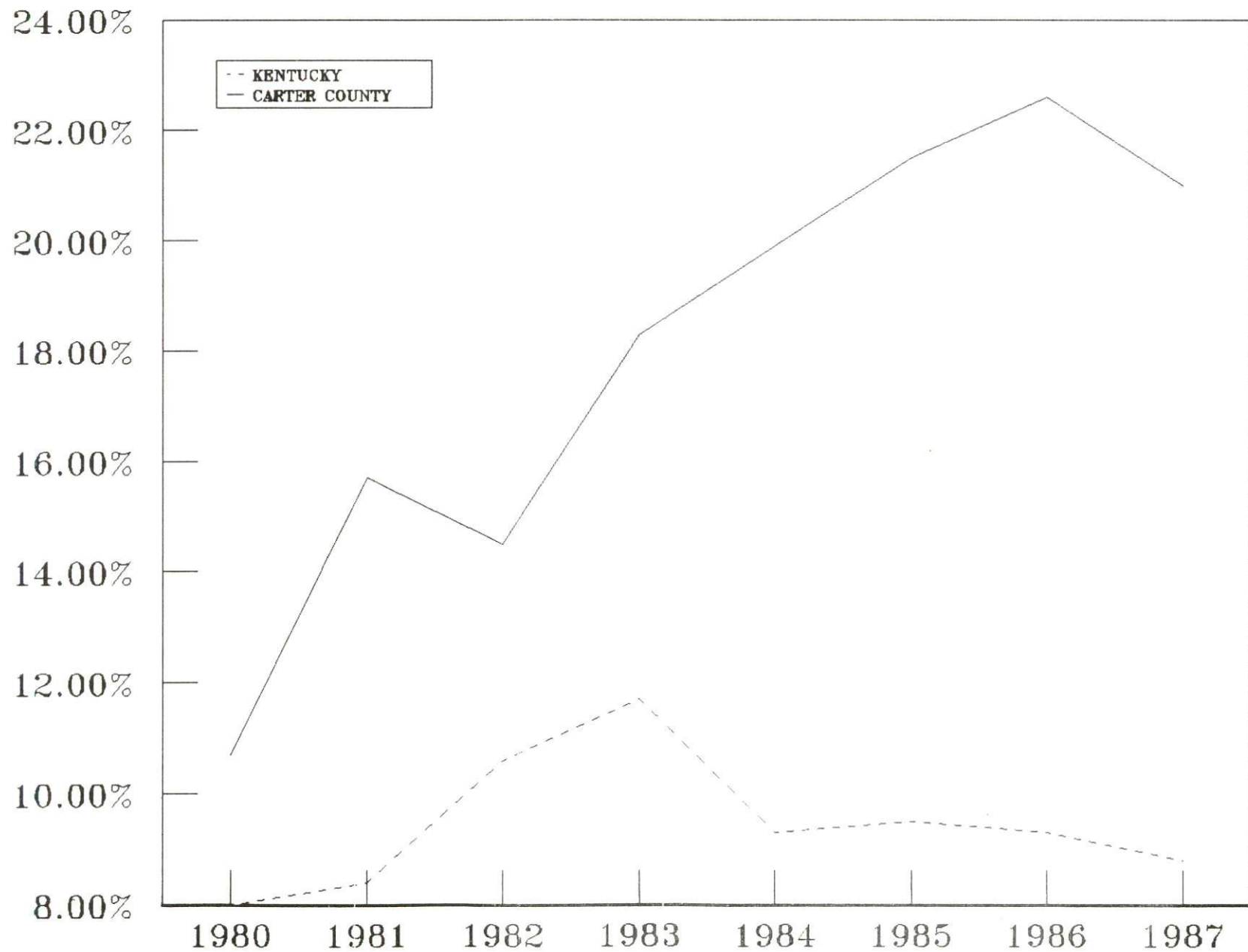
Sources: U.S. Department of Commerce, Bureau of the Census. University of Louisville, Urban Studies Center, Population Unit.

POPULATION PROJECTIONS

<u>Area</u>	<u>1990</u>	<u>1995</u>	<u>2000</u>	<u>2010</u>
Labor Market Area	173,618	174,545	174,293	170,539
Carter County	26,381	27,357	28,207	29,485
Boyd County	52,642	51,187	49,312	44,627
Elliott County	6,897	7,144	7,352	7,614
Greenup County	37,968	37,719	37,157	35,010
Lawrence County	15,753	16,893	18,038	20,263
Lewis County	14,594	14,933	15,165	15,316
Rowan County	19,383	19,312	19,062	18,224

Source: University of Louisville, Urban Studies Center, State Data Center, Newsletter Vol. 6, Nos. 3/4, March/June 1988.

UNEMPLOYMENT RATES



LABOR FORCE CHARACTERISTICS OF RESIDENTS, 1987

	<u>Carter County</u>	<u>Labor Market Area</u>
Civilian Labor Force	9,619	65,482
Employment	7,599	57,179
Unemployment	2,020	8,303
Rate of Unemployment (%)	21.0	12.7

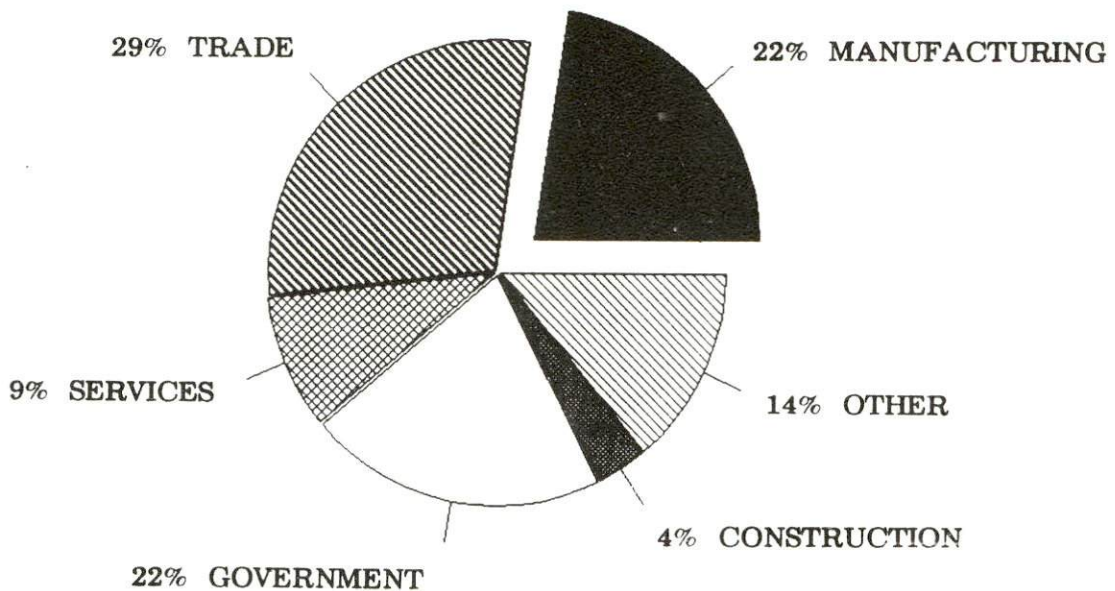
Source: Kentucky Cabinet for Human Resources, Kentucky Labor Force Estimates, Annual Averages, 1987.

**SELECTED COMPONENTS OF NONAGRICULTURAL EMPLOYMENT
BY PLACE OF WORK, 1987**

	<u>Carter County</u>	<u>Labor Market Area</u>
All Industries (total)	4,054	44,846
Manufacturing	920	11,904
Wholesale & Retail Trade	1,178	10,868
Services	383	7,396
State/Local Government	862	7,403
Contract Construction	144	1,969

Note: Excludes domestic workers, railway workers, certain nonprofit corporations, majority of federal government workers, and self-employed workers.
Source: Kentucky Cabinet for Human Resources, Average Monthly Workers Covered by Kentucky Unemployment Insurance Law, 1987.

CARTER COUNTY



ESTIMATED MALE LABOR SUPPLY
OLIVE HILL AND GRAYSON LABOR MARKET AREA

Area	Current			Not in Labor Force	Future
	Total Male	Unemployed	Under- employed		Becoming 18 years of age 1988 thru 1992
Labor Market					
Area*	16,208	5,950	4,646	5,612	7,294
Carter	2,839	1,459	757	623	1,144
Boyd	4,301	1,578	1,273	1,450	2,079
Elliott	1,294	332	294	668	346
Greenup	2,929	971	846	1,112	1,739
Lawrence	1,958	633	367	958	618
Lewis	1,690	507	382	801	722
Rowan	1,197	470	727	0	646

ESTIMATED FEMALE LABOR SUPPLY
OLIVE HILL AND GRAYSON LABOR MARKET AREA

Area	Current			Not in Labor Force	Future
	Total Female	Unemployed	Under- employed		Becoming 18 years of age 1988 thru 1992
Labor Market					
Area*	20,980	3,237	4,173	13,570	7,103
Carter	3,221	772	488	1,961	1,095
Boyd	6,599	883	1,290	4,426	2,092
Elliott	1,072	83	152	837	305
Greenup	5,015	619	807	3,589	1,709
Lawrence	2,190	273	263	1,654	630
Lewis	1,759	272	384	1,103	666
Rowan	1,124	335	789	0	606

* Additional workers may be drawn from other nearby counties.

Note: Unemployed - persons unemployed and actively seeking work; Underemployed - persons employed but working only 14 to 26 weeks per year; Not in Labor Force - represents the number of persons who would enter the labor force if suitable employment were available (based on the assumption that persons in Kentucky would like to participate in the labor force in the same proportion that they do nationally).

Sources: Kentucky Cabinet for Human Resources, Kentucky Labor Supply Estimates by County, 1986. Kentucky Department of Business Development, Future Labor Supply Becoming 18 Years of Age, 1988 thru 1992.

AVERAGE PLACEMENT WAGES

Carter County is served by the Ashland local office of the Kentucky Department for Employment Services. The focus of the following data is on job placements made by the Ashland local office and may therefore be used as an indicator of the wages which employers in the area pay new employees. During the twelve months which ended on June 30, 1988, the local employment office filled 2,761 job openings in various occupational categories. The average hourly wage for selected occupational categories were:

<u>OCCUPATIONAL CATEGORY</u>	<u>NUMBER OF PLACEMENTS</u>	<u>AVERAGE WAGE(\$)</u>
All Occupations	2,761	4.33
Clerical	749	3.44
Sales	115	3.53
Services (excluding domestic)	871	3.26
Agricultural, Fishery, Forestry, etc.	12	4.31
Processing	347	8.97
Machine Trades	21	6.47
Bench Work	208	3.37
Structural	122	5.09
Motor Freight/ Transportation	75	5.22
Packaging and Materials Handling	166	4.41
Other	2	4.25

The Ashland local office also serves Boyd, Elliott, Greenup, and Lawrence Counties. The above occupational categories are taken from the Dictionary of Occupational Titles published by the U.S. Department of Labor.

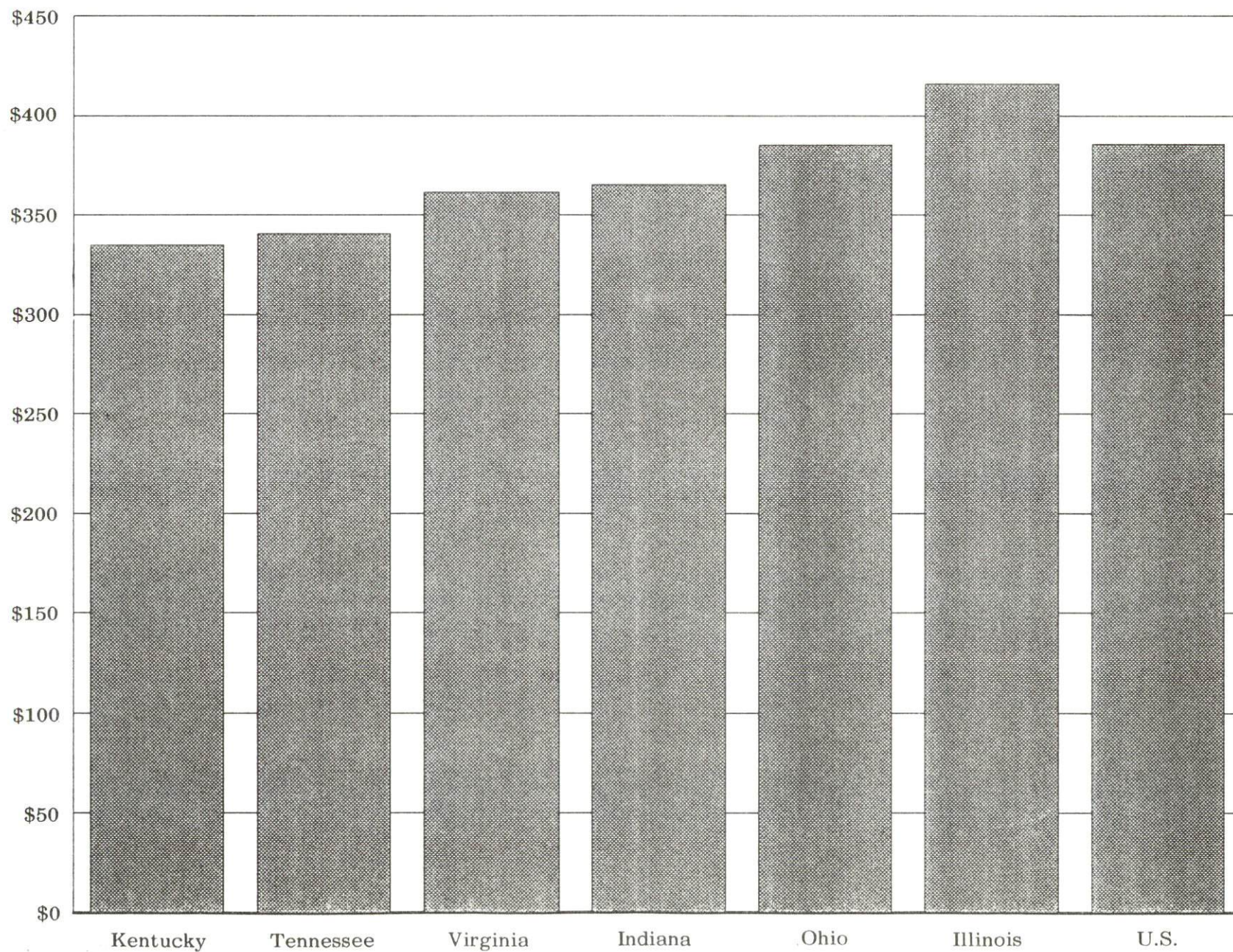
Source: Kentucky Cabinet for Human Resources, Department for Employment Services.

PER CAPITA PERSONAL INCOME

<u>Area</u>	<u>1982</u>	<u>1986</u>	<u>Percent Change</u>
Carter County	\$6,576	\$7,390	12.4
Labor Market Area Range	\$5,542 - 10,228	\$6,104 - 11,629	-
Kentucky	\$9,277	\$11,342	22.3
U.S.	\$11,480	\$14,636	27.5

Sources: Kentucky Economic Information System, April 1988.

AVERAGE WEEKLY WAGES OF WORKERS COVERED BY
UNEMPLOYMENT INSURANCE F. Y. 1986-87



AVERAGE WEEKLY WAGES BY INDUSTRY
BY PLACE OF WORK, 1987

	<u>Carter County</u>	<u>Boyd County</u>	<u>Elliott County</u>	<u>Greenup County</u>
All Industries	\$236.75	\$389.00	\$253.75	\$491.16
Mining & Quarrying	379.13	*	296.03	0
Contract Construction	392.44	392.32	0	311.72
Manufacturing	185.76	580.96	*	716.43
Transportation, Communications & Public Utilities	399.24	510.40	371.51	512.04
Wholesale & Retail Trade	169.98	234.94	152.27	185.86
Finance, Insurance & Real Estate	266.74	351.21	255.03	296.30
Services	174.24	334.18	137.23	321.58
State/Local Government	315.13	349.06	273.46	306.56
Other	191.54	231.31	0	115.41
	<u>Lawrence County</u>	<u>Lewis County</u>	<u>Rowan County</u>	
All Industries	\$303.61	\$224.77	\$278.66	
Mining & Quarrying	423.28	0	*	
Contract Construction	306.82	192.31	365.21	
Manufacturing	221.84	216.20	269.16	
Transportation, Communications & Public Utilities	*	221.71	429.88	
Wholesale & Retail Trade	181.29	147.85	175.53	
Finance, Insurance & Real Estate	263.98	255.19	315.34	
Services	273.05	167.83	285.90	
State/Local Government	276.28	304.90	335.96	
Other	0	0	199.42	

* Not disclosed.

Note: The average weekly wage for each category includes the salaries and wages of all persons working for that type business. For example, the manufacturing category includes both production workers and administrative personnel. Excludes domestic workers, railway workers, certain nonprofit corporations, majority of federal government workers, and self-employed workers.

Source: Kentucky Cabinet for Human Resources, Average Weekly Wages of Workers Covered by Kentucky Unemployment Insurance Law, 1987.

EXISTING INDUSTRY

CARTER COUNTY MANUFACTURING FIRMS,
THEIR PRODUCTS AND EMPLOYMENT

<u>Firm</u> <u>(Establishment date)</u>	<u>Product</u>	<u>1987</u> <u>Average Employment</u>	<u>Labor</u> <u>Unions</u>
Carter City			
Standard Slag Stone Company (1954)	Crushed limestone	11	Aluminum Workers*
Denton			
Mullins & Sexton Lumber Company (1963)	Wood pallets	17	
Grahn			
Louisville Fire Brick Works (1913)	Fire brick	35	Aluminum Workers*
Grayson			
Grayson Journal- Enquirer (1922)	Newspaper	6	
Ruth Paving and Big Sandy Ready Mix Concrete, Inc. (1959)	Ready-mixed concrete	11	
Hitchins			
General Refractories Company, Hitchens Works (1912)	Fireclay refractory brick	77	Aluminum Workers*
Olive Hill			
ACME Stone Company (1949)	Crushed stone	16	Aluminum Workers*
Ashland Sales and Service, Inc. (1968)	Military trousers, military jackets, coats	100	

(Continued)

<u>Firm</u> <u>(Establishment date)</u>	<u>Product</u>	<u>1987</u> <u>Average Employment</u>	<u>Labor</u> <u>Unions</u>
Bass Hawk Boat Company (1976)	Fiberglas boats	27	
Case, Inc. (1970)	Men's coveralls, uniform coat liners, insulated underwear	270	
Cowden-Olive Hill Company (1963)	Men's and boys' work & play clothes	182	Aluminum Workers*
Globe Hardwood, Inc. (1987)	Kiln dried lumber	6	
H.W.L., Inc. (1986)	Furniture, dimension stock	35	
B & J Logan Lumber Company, Inc. (1977)	Lumber, crossties	8	
Mountain Enterprises (1957)	Asphalt	6	Steel- workers*
Olive Hill Finishing Company (1975)	Greeting cards	152	

* See Labor Organizations below.

Sources: Kentucky Department of Business Development, 1988 Kentucky Directory of Manufacturers; Division of Research and Planning.

LABOR ORGANIZATIONS IN MANUFACTURING FIRMS

<u>Union</u>	<u>Representing workers at:</u>
Aluminum, Brick and Glass Workers International Union, AFL-CIO	Acme Stone Company; Cowden-Olive Hill Company; General Refractories Company; Louisville Fire Brick Works; Standard Slag Stone Company
United Steelworkers of America, AFL-CIO	East Kentucky Paving Corporation

SELECTED INDUSTRIAL SERVICES

<u>Types of Service</u>	<u>Location</u>	<u>Mileage from Olive Hill</u>
Custom Data Processing	Lexington, Kentucky	84
Custom Plastics Producers	Ashland, Kentucky	36
Electric Motor Repair	Morehead, Kentucky	19
Grinding, Precision & Tool	Huntington, West Virginia	42
Heat Treating Facilities	Lexington, Kentucky	84
Industrial Equipment & Supplies	Mt. Sterling, Kentucky Ashland, Kentucky	48 36
Industrial Gases	Huntington, West Virginia	42
Industrial Waste Removal	Ashland, Kentucky	36
Machine Shops, Tool & Die	Ashland, Kentucky	36
Metal Castings	Cynthiana, Kentucky	91
Metal Finishers	Lexington, Kentucky	84
Metal Service Centers	Morehead, Kentucky	19
Millwrights	Lexington, Kentucky	84
Public Warehouse Facilities	Paris, Kentucky Lexington, Kentucky	74 84

Sources: Kentucky Department of Business Development, Kentucky Directory of Selected Industrial Services, 1987; Division of Research and Planning.

TRANSPORTATION

Rail

There is no rail line directly serving Olive Hill and Grayson at the present time. The nearest rail service is provided by the CSX Transportation Company at Ashland, 36 miles northeast.

Highways

Interstate 64 runs through the middle of Carter County. Two interchanges are located at Olive Hill and one interchange at Grayson. Carter County is also served by U.S. 60 and Kentucky 7, both "AAA"-rated (80,000-pound gross load limit) trucking highways. Interstate 75, a major north-south route, is located 78 miles west of Olive Hill via Interstate 64.

Truck Service

American Freight System, Inc.*
Manning Motor Express**

Overnite Transportation Company**
Yellow Freight System, Inc.**

* Interstate service only.

** Interstate and intrastate service.

Source: American Motor Carrier Directory, Spring 1988.

HIGHWAY MILES AND TRUCK TRANSIT TIME IN DAYS FROM OLIVE HILL, KENTUCKY, TO SELECTED MARKET CENTERS

City	Highway Miles	Delivery		City	Highway Miles	Delivery	
		Time TL				Time TL	
Atlanta, GA	446	1		Los Angeles, CA	2,264	5	
Baltimore MD	473	2		Louisville, KY	156	1	
Birmingham, AL	482	1		Nashville, TN	294	1	
Chicago, IL	436	1		New Orleans, LA	811	3	
Cincinnati, OH	162	1		New York, NY	645	2	
Cleveland, OH	335	1		Pittsburgh, PA	305	1	
Detroit, MI	421	1		St. Louis, MO	419	1	
Knoxville, TN	247	1					

Note: Mileage computations are via the best interstate or primary highways, not necessarily the most direct route of travel.

Sources: Rand McNally Deluxe Motor Carriers' Road Atlas, 1987. Official Kentucky Mileage Map, 1980. Delivery time - Overnite Transportation Company, 1020 Whipple Court, Lexington, Kentucky 40574.

Air

Local

Sellers Field
Location: 4 miles southeast of Olive Hill
Runways: 1 paved
Length: 2,500 feet
Traffic
Control: Tetrahedron
Lighting: None
Service: Tie-down and hangar

Nearest Scheduled Commercial Airline Service

Tri-State Airport (Walker-Long Field)
Location: 3 miles southwest of Huntington, West Virginia;
37 miles east of Olive Hill
Runways: 2 paved
Length: 6,509 feet and 3,007 feet
Traffic
Control: Control tower
Lighting: Beacon, runway
Services: Piedmont, USAir, Comair, Christman; fuel - 100LL,
jet-A; tie-downs, hangars; major A & P repairs,
major Avionics repairs; APU, charter, flight
instruction, oxygen, plane rental, survival
equipment, U.S. Customs; taxi, limousine, car
rental; weather information; restaurant
Air Freight
Service: Air freight terminal

Air Express Service

Several major companies offer air express services in Kentucky. These companies provide a quick means of shipping small to medium-sized packages expeditiously.

Water

Located 23 miles northeast of Grayson and 36 miles northeast of Olive Hill is the Ohio River at Ashland, where a 9-foot navigation channel is maintained. The Eastern Kentucky Riverport Authority is in the process of developing a public riverport at mile 321 of the Ohio River at Ashland. The riverport eventually will include docking facilities, warehouses, bulk storage areas and coal handling equipment.

POWER AND FUEL

Electricity

Company serving Olive Hill - Olive Hill Municipal Electric Company*
Source of power - Kentucky Power Company
For industrial rates contact:

City of Olive Hill Utilities
P. O. Box 460
Olive Hill, Kentucky 41164
(606) 286-2192

and/or

Kentucky Power Company
1701 Central Avenue
P. O. Box 1428
Ashland, Kentucky 41101
(606) 327-1111

Company serving Grayson and sections of eastern and western Carter
County - Kentucky Power Company
Source of power - Kentucky Power Company
For industrial rates contact:

Kentucky Power Company
1701 Central Avenue
P. O. Box 1428
Ashland, Kentucky 41101
(606) 327-1111

Company serving central Carter County - Grayson Rural Electric Cooperative
Corporation
Source of power - East Kentucky Power Cooperative
For industrial rates contact:

Grayson RECC
109 Bagby Park
Grayson, Kentucky 41143
(606) 474-5136

and/or

Industrial Development Division
East Kentucky Power Cooperative
P. O. Box 707
Winchester, Kentucky 40391
(606) 744-4812

* A \$300,000 improvement project for the Olive Hill Municipal Electric Company is planned.

Natural Gas

Company serving Olive Hill - City of Olive Hill Municipal Gas Company*

Source of supply - Tennessee Gas Pipeline Company

Size of transmission mains - 26-inch (supplier); 6-inch (distributor)

Distribution mains - 2, 4, and 6 inches

Distribution pressure - 25 to 125 psi

Btu content - 1,005 per cubic foot

Specific gravity - 0.576 to 0.60

For rates and supplies contact:

City of Olive Hill Municipal Gas Company

P. O. Box 460

Olive Hill, Kentucky 41164

(606) 286-2192

Company serving Grayson - City of Grayson Utilities

Source of supply - Tennessee Gas Pipeline Company

Size of transmission mains - 24-inch (supplier); 4-inch (distributor)

Distribution mains - 1 to 4 inches

Distribution pressure - 22 to 125 psi

Btu content - 1,050 per cubic foot

Specific gravity - .60

For rates and supplies contact:

City of Grayson Utilities

302 East Main Street

Grayson, Kentucky 41143

(606) 474-6651

* The City of Olive Hill Municipal Gas Company recently renovated all of its distribution mains and service lines. Cost of the project was \$1.2 million.

WATER AND SEWERAGE

Public Water Supply

Company serving Olive Hill - City of Olive Hill Municipal Water Company*
P. O. Box 460
Olive Hill, Kentucky 41164
(606) 286-2192

Source - Olive Hill City Reservoir

Treatment plant capacity - 1,500,000 gallons per day

Average daily consumption - 650,000 gallons

Peak daily consumption - 700,000 gallons

Treatment processes - Coagulation, sedimentation, chlorination, flocculation, filtration, fluoridation

Storage capacity - 1,200,000 gallons

Size lines - 4 to 10 inches

Water pressure - 40 to 160 psi

MONTHLY WATER RATES

Inside City

First	2,000 gallons	\$6.00 (Minimum)
Next	3,000 gallons	2.50 per M gallons
Next	5,000 gallons	2.25 per M gallons
Next	5,000 gallons	2.00 per M gallons
Next	5,000 gallons	1.75 per M gallons
Next	5,000 gallons	1.50 per M gallons
Next	25,000 gallons	1.25 per M gallons
All over	50,000 gallons	1.00 per M gallons

Minimum Monthly Charges for the first 2,000 gallons

Meter size:

5/8-inch -	\$ 6.00
3/4-inch -	6.00
1-inch -	10.00
1 1/2-inch -	14.00
2-inch -	21.00
3-inch -	42.00
4-inch -	91.00

(Continued)

* The City of Olive Hill Municipal Water Company recently completed renovating its water treatment plant. The \$1.2 million project also increased plant capacity to 1.5 mgd.

Outside City

First	2,000 gallons	\$9.15 (Minimum)
Next	3,000 gallons	3.51 per M gallons
Next	5,000 gallons	3.25 per M gallons
Next	5,000 gallons	3.00 per M gallons
Next	5,000 gallons	2.75 per M gallons
Next	5,000 gallons	2.25 per M gallons
Next	25,000 gallons	1.75 per M gallons
All over	50,000 gallons	1.25 per M gallons

Minimum Monthly Charges for the first 2,000 gallons

Meter size:

5/8-inch -	\$ 9.15
3/4-inch -	10.50
1-inch -	13.00
1 1/2-inch -	18.50
2-inch -	27.00
3-inch -	54.00
4-inch -	117.00

Tap-on charge:

Inside city - \$100
Outside city - \$150

Company serving Grayson - City of Grayson Utilities
302 East Main Street
Grayson, Kentucky 41143
(606) 474-6651

Source - Little Sandy River
Treatment plant capacity - 1,500,000 gallons per day*
Average daily consumption - 1,050,000 gallons
Peak daily consumption - 1,329,000 gallons
Treatment processes - Sedimentation, chlorination, flocculation, filtration,
fluoridation, rapid mix
Storage capacity - 890,000 gallons
Size lines - 2, 4, 6, 8 and 10 inches
Water pressure - 30 to 130 psi

MONTHLY WATER RATES

First	2,000 gallons	\$7.00 (Minimum)
Next	8,000 gallons	1.65 per M gallons
All over	10,000 gallons	1.25 per M gallons

(Continued)

* Plans are currently under way to increase plant capacity to 2.5 mgd. Cost of the project is expected to be approximately \$1 million. Plans are also under way to extend water lines into Greenup County to serve an additional 275 customers and to develop an intake from Grayson Lake. Estimated cost of these projects is \$1,750,000.

Minimum Monthly Charges

<u>Meter size</u>	<u>Minimum water usage</u>	<u>Minimum bill</u>
Smaller than 1-inch	2,000 gallons	\$ 7.00
1-inch	10,000 gallons	20.20
1 1/2-inch	25,000 gallons	38.95
2-inch or larger	50,000 gallons	70.20

A \$2.00 monthly surcharge is billed to customers outside the city limits.

Tap-on charge:

Inside city - \$200 for 5/8-inch meter
Outside city - \$300 for 5/8-inch meter
For larger meters, the installation charge includes the standard tap-on

Sewerage

Company serving Olive Hill - City of Olive Hill Municipal Sewerage Treatment Plant
P. O. Box 460
Olive Hill, Kentucky 41164
(606) 286-2192

Design capacity - 200,000 gallons per day
Average daily flow - 160,000 gallons
Type of treatment - Primary and secondary
Treatment processes - Screening, grit removal, primary sedimentation, trickling filter, secondary sedimentation, chlorination, sludge drying beds
Treated effluent discharged into - Tygarts Creek
Size of sanitary mains - 4 to 10 inches
Size of storm mains - 12 to 24 inches
Monthly rates - 65 percent of monthly water bill
Tap-on charge: \$100

Company serving Grayson - City of Grayson Utilities*
302 East Main Street
Grayson, Kentucky 41143
(606) 474-6651

Design capacity - 1,000,000 gallons per day
Average daily flow - 470,000 gallons
Type of treatment - Primary
Treatment processes - Chlorination, screening, grit removal, primary sedimentation, oxidation ditch, extended aeration, sludge drying beds, filter press, activated sludge
Treated effluent discharged into - Little Sandy River
Size of sanitary mains - 4 to 24 inches
Size of storm mains - 12 inches

(Continued)

* The City of Grayson Utilities recently upgraded its sewerage treatment plant. The \$3 million project increased the design capacity to 1 million gallons per day.

Monthly rates - Based on water usage

First	1,000 gallons	\$11.25 (Minimum)
All over	1,000 gallons	2.45 per M gallons

Tap-on charge:

Residential - \$250
Commercial - \$250

CLIMATE

Carter County

Temperature

Normal (30-year record)	55.20 degrees
Average annual 1987	56.40 degrees
Record highest, July 1983 (27-year record)	100.00 degrees
Record lowest, January 1985 (27-year record)	-16.00 degrees
Normal heating degree days (30-year record) (Heating degree day totals are the sums of negative departures of average daily temperatures from 65 degrees F.)	4,676

Precipitation

Normal (30-year record)	40.74 inches
Mean annual snowfall (26-year record)	26.90 inches
Total precipitation 1987	33.48 inches
Mean number days precipitation (.01 inch or more) (26-year record)	140.30
Mean number days thunderstorms (25-year record)	41.80

Prevailing winds

N/A

Relative Humidity (26-year record)

1 a.m.	78 percent (24-year record)
7 a.m.	83 percent (25-year record)
1 p.m.	59 percent (25-year record)
7 p.m.	61 percent (25-year record)

Source: U.S. Department of Commerce, Environmental Science Services Administration, Climatological Data, 1987. Station of record: Huntington, West Virginia.

LOCAL GOVERNMENT

Structure

Olive Hill is served by a mayor and 6 council members. Grayson is served by a mayor and 4 commissioners. Carter County is served by a county judge/executive and 5 magistrates.

Planning and Zoning

At the present time, there is no active planning and zoning commission in Olive Hill or Grayson.

Mandatory state codes enforced - Kentucky Plumbing code, National Electric Code, Kentucky Boiler Regulations and Standards, Kentucky Building Code (modeled after BOCA code)

Local Fees and Licenses

The Cities of Olive Hill and Grayson levy unloading licenses of \$100 annually. Both cities also levy a 6.5% Insurance Premium Tax on insurance companies.

State and Local Property Taxes

All property in Kentucky, except items exempted by the state constitution, is taxed by the state. Property which also may be taxed by local jurisdictions includes land and buildings, finished goods inventories, automobiles, trucks, office furniture and office equipment. Local taxing jurisdictions in Kentucky include counties, cities, and school districts.

All property in Kentucky is assessed at 100 percent of fair cash value.

COMBINED STATE AND LOCAL RATES PER \$100 VALUATION, 1987

	Olive Hill	Grayson	Unincorporated Carter County
Land and Buildings	\$0.990	\$0.9271	\$0.744
Manufacturing			
Machinery	0.150	0.150	0.150
Pollution Control			
Equipment	0.150	0.150	0.150
Inventories			
Raw materials	0.001	0.001	0.001
Goods in Process	0.001	0.001	0.001
Finished Goods	0.773	0.7101	0.527
Automobiles & Trucks	1.0075	1.0148	0.831
Other Tangible			
Personal Property	1.222	1.1591	0.976
Intangibles (Accounts receivable*, money in hand, stock, notes, bonds)	0.250	0.250	0.250
Goods Stored in Public Warehouses in Transit Status	0.001	0.001	0.001
Private Leaseholds in Industrial Revenue Bond Financed Facilities	0.015	0.015	0.015

* Accounts receivable are taxed at 85 percent of face value, for an effective rate of \$0.2125 per \$100 valuation.

Safety

Police	Olive Hill	Grayson	Carter County
Total staff	8	7	9
Radio-patrol cars	3	4	3
Fire*			
Insurance Services Office, Public Protection Classification	7	7	**
Volunteers	25	27	100
Rescue Service			
Olive Hill Rescue Squad			
Grayson Rescue Squad			

Refuse Collection and Disposal

The City of Olive Hill provides municipal refuse collection to the residents of the city. The City of Grayson provides refuse collection to the residents of the city through a private contractor.

* Includes copyrighted material of ISO Commercial Risk Services, Inc., with its permission.

** Carter County is provided fire protection service by the Nortons Branch, Grahn, Hitchins, Olive Hill, and Grayson fire departments. The insurance classifications range from 7 to 10.

EDUCATION

Public Schools

	Carter County*
Total Enrollment (September 1988)	5,234
Kindergarten	423
Elementary	3,247
High School	1,564
Accreditation	Southern Association of Colleges and Schools
Pupil-Teacher Ratio (1986-87)	18.1-1
Percent High School Graduates to College (1986-87)	31.7
Expenditures Per Pupil (1986-87)	\$1,982

* Three new schools are planned for the Carter County School System. Construction will begin in 1989 on the East Carter Junior High School (\$4 million), the West Carter Junior High (\$4 million), and the new Prichard Elementary School (\$3 million).

Area Colleges and Universities

<u>Name</u>	<u>Location (Miles distant from Olive Hill)</u>	<u>Enrollment (Fall, 1987)</u>	<u>Highest Degree Conferred</u>
Kentucky Christian College	Grayson, Kentucky (15)	567	Masters
Morehead State University	Morehead, Kentucky (19)	6,490	Masters, Specialist*
Ashland Community College	Ashland, Kentucky (36)	2,286	Associate
Marshall University	Huntington, West Virginia (42)	12,030	Academic & Professional
Shawnee State Community College	Portsmouth, Ohio (46)	2,622	Associate
Maysville Community College	Maysville, Kentucky (63)	779	Associate
Lexington Community College	Lexington, Kentucky (84)	2,995	Associate
Transylvania University	Lexington, Kentucky (84)	1,042	Baccalaureate**
University of Kentucky	Lexington, Kentucky (84)	22,461	Doctorate, M.D., D.M.D., J.D.

* Joint doctoral degree programs are offered in cooperation with the University of Kentucky, Lexington. The degrees are issued by the University of Kentucky.

** Courses in a masters degree program are taught on the Transylvania campus by faculty members of Xavier University of Cincinnati. The degree is issued by Xavier University.

Kentucky Christian College

Kentucky Christian College is a Bible college which was established in Grayson in 1919. The college is a non-profit education institution whose purpose is to offer qualified persons of character and promise higher education based on a solid foundation of Biblical principles: providing professional training in a variety of church and non-church related vocations, resulting in the opportunity to work as a means of self-support, and influencing the religious, social, educational and business communities with the revealed faith and moral values exemplified in the life and teachings of Christ and His apostles.

Master of Ministry, Bachelor of Arts, Bachelor of Science, and Bachelor of Theology degrees are conferred by the college.

Planned improvements at Kentucky Christian College include a \$5 million student center and sixty units of 1, 2, and 3-bedroom apartments for married students.

Vocational Training

The Bluegrass State Skills Corporation, an independent public corporation created and funded by the Kentucky General Assembly, provides programs of skills training to meet the needs of business and industry from entry level to advanced training, and from upgrading present employees to retraining experienced workers.

The Bluegrass State Skills Corporation is the primary source for skills training assistance for a new or existing company. The Corporation works in partnership with other employment and job training resources and programs, as well as Kentucky's economic development activities, to package a program customized to meet the specific needs of a company.

Vocational training is available at both the state vocational-technical schools and the area vocational education centers. The state vocational-technical schools are post-secondary institutions. The area vocational education centers are designed to supplement the curriculum of high school students. Both the state vocational-technical schools and the area vocational education centers offer evening courses to enable working adults to upgrade current job skills.

Arrangements can be made to provide training in the specific production skills required by an industrial plant. Instruction may be conducted either in the vocational school or in the industrial plant, depending upon the desired arrangement and the availability of special equipment.

(Continued)

Nearest State School

Ashland State Vocational-Technical School
Ashland, 36 miles from Olive Hill

Business & Office	Industrial Machine Maintenance
Clerical	Machine Shop
Secretarial	Radio & TV Repair
Consumer & Home Economics	Tool & Die Making
Commercial Foods	Welding
Health & Personal Services	Learning Resources Center
Occupations	Public Service Occupations
Cosmetology	Business/Industry Security
Practical Nursing	Training
Industrial Education	CPR Training
Auto Body Repair	Electrical Safety Training
Auto Mechanics	Emergency Medical Care
Carpentry	Fire Service Training
Drafting (with CAD/CAM)	First Aid & Safety
Electricity	Rescue & Emergency Services
Electronics	Training
Heavy Equipment Repair	

Nearest Area Education Center

Carter County Area Vocational Education Center
Olive Hill

Industrial Education	Diesel Mechanics
Auto Body Repair	Electricity
Auto Mechanics	Welding
Carpentry	

HEALTH

Local Medical Personnel

	Olive Hill	Grayson
Physicians -	3	9
Dentists -	4	6

Hospitals

St. Clair Medical Center - Morehead, 19 miles west of Olive Hill
(159 beds)

Medical staff - 39 doctors, 33 registered nurses, and 23 licensed practical nurses

King's Daughters' Hospital - Ashland, 36 miles east of Olive Hill
(340 beds)

Medical staff - 101 physicians, 230 registered nurses, and 135 licensed practical nurses

Bellefonte Hospital - Ashland, 36 miles east of Olive Hill (149 beds)

Medical staff - 98 physicians, 187 registered nurses, and 33 licensed practical nurses

Other Medical Facilities

Family Medical Center (Grayson)

Grayson Clinic

Little Sandy District Health Department (Grayson)

Olive Hill Clinic

West Carter County Health Center

Ambulance Service

Name - Carter County Emergency Service

Staff - 9 emergency medical technicians

OTHER LOCAL FACILITIES

Communications

Telephone - Telegraph -	General Telephone Company of Kentucky Western Union Toll-Free number, 1-800-325-6000
Newspapers - Weekly and circulation -	Olive Hill Times - 6,300 (Olive Hill); Journal-Enquirer - 7,500 (Grayson)
Radio -	Grayson: WGOH-AM, WUGO-FM, WKCC-FM
Television - Airwave reception from -	Lexington, Kentucky; Cincinnati, Ohio; Huntington and Charleston, West Virginia
Cable service -	Olive Hill - Centel Cable TV of Kentucky; Grayson - Grayson Cabel TV, Inc.
Educational Television -	The Kentucky Educational Television (K.E.T.) network is available statewide

Library Services

College library - Lusby Memorial Library - Kentucky Christian College
at Grayson
Size collection - 88,860 volumes
Circulation, 1986-87 - 10,000

Religious Institutions

	Olive Hill	Grayson
Denominations -	Baptist Christian Church of Christ Church of Holiness Jehovah Witness Methodist Mormon Nazarene Wesleyan	Baptist Christian Church of Christ Church of God Church of God of Prophecy Freewill Baptist Methodist Nazarene Pentecostal Presbyterian Roman Catholic Seventh Day Adventist
Nearest Synagogues -	Ashland, 36 miles east of Olive Hill	
Congregations -	Agudath Achim (reform)	

Financial Institutions

<u>Banks</u>	<u>Assets</u>	<u>Deposits</u>	<u>Statement Date</u>
The Commercial Bank of Grayson*	\$107,736,148	\$98,718,264	6/30/88
The First National Bank of Grayson	52,958,279	43,847,941	6/30/88
<u>Savings and Loan Associations</u>	<u>Assets</u>	<u>Deposits</u>	<u>Statement Date</u>
Catlettsburg Federal Savings and Loan Association**	\$55,689,505	\$47,955,904	12/31/87

Hotels and Motels

	Olive Hill	Grayson
Total number -	1	2
Total rooms -	28	90

Additional lodging facilities are available at Carter Caves State Resort Park.

* The Commercial Bank of Grayson now has locations in Grayson and Olive Hill.
 ** A branch of the Catlettsburg Federal Savings and Loan is located in Grayson.

RECREATION

Local

Recreational facilities in Olive Hill's city park include a swimming pool, a playground, and a picnic area with a shelter house. The Carter County Shrine Club Park, also at Olive Hill, contains a ball field and a horse park with stables. A second ball field is located at the Olive Hill High School.

The Eastern Kentucky Homecoming, an event held annually in Olive Hill, features the famed Olive Hill entertainer and songwriter Tom T. Hall and the Tom T. Hall Golf Tournament. Other attractions of the event are a parade, a horse show, a beauty pageant, music, and local arts and crafts.

Recreational facilities in Grayson include a new bowling center, new swimming pool and bathhouse, tennis courts, ball fields, playgrounds and picnic areas.

The annual Grayson Memory Days Festival features a parade, street dancing, art show, and the Jaycee Horse Show.

Carter Caves State Resort Park, 8 miles north of Olive Hill, provides a restful atmosphere with its mountain wildflowers, a rippling stream, the underground wonders of more than 20 caverns, a 28-room lodge, a restaurant, and a gift shop. Recreational facilities offer something for the whole family, including planned recreation, playgrounds, two swimming pools (one Olympic-size), tennis courts, shuffleboard, a 9-hole golf course, miniature golf, boating, fishing, hiking, horseback riding, picnicking, and cave tours.

A trip down Tygarts Creek near Olive Hill offers an opportunity for canoeing, spelunking, hiking and picnicking. Scheduled canoe trips are available.

Grayson Lake State Park is located 8 miles south of Grayson. Facilities available include 71 campsites, a beach, and a picnic area. Good fishing and organized recreational programs are available during the summer. The park is located within the 7,350-acre Grayson Lake Wildlife Area.

Area (Within 40 miles)

The Daniel Boone National Forest, approximately 14 miles west of Olive Hill, covers 640,000 acres of timberland in eastern Kentucky. It encompasses much of Kentucky's great beauty and provides a vacation paradise. There are scenic hiking trails, rivers and streams stocked with a variety of fish, hunting preserves, camping sites, and numerous other natural and historical attractions.

Greenbo Lake State Resort Park, which is located 16 miles north of Grayson near Ashland, has a magnificent fieldstone lodge. The facility offers 36 rooms, a dining room, a gift shop, a meeting room, a lodge pool, and a recreation room. Other facilities and activities at the park include a well-equipped campground, a marina, miniature golf, tennis courts, playgrounds, shuffleboard, planned recreation, fishing, hiking, horseback riding, and picnicking.

Morehead State University at Morehead, Kentucky, 19 miles southwest of Olive Hill, offers a variety of cultural and athletic activities which may be enjoyed by the public year-round.

Cave Run Lake, constructed by the U.S. Army Corps of Engineers, is located 29 miles southwest of Olive Hill within the 640,000-acre Daniel Boone National Forest. The lake area offers everything for the camper, the boatsman, the hunter, the fisherman, and "the lover of leisure."

Numerous recreational opportunities are also available at Ashland, 36 miles northeast of Olive Hill, including athletics, cultural events, private and public entertainment facilities, fairs and festivals.

COMMUNITY IMPROVEMENTS

Recent

Plant expansions have recently taken place at Ashland Sales and Service, Inc., and H.W.L., Inc., in Olive Hill.

The Olive Hill Municipal Gas Company recently renovated all of its distribution mains and service lines. Cost of the project was \$1.3 million.

The Olive Hill Municipal Water Company recently completed renovating its water treatment plant. The \$1.2 million project also increased plant capacity to 1.5 million gallons per day.

The City of Grayson Utilities recently upgraded its sewerage treatment plant. The \$3 million project increased the design capacity of the plant to 1 million gallons per day.

Construction of a new 120-bed nursing home was recently completed in Grayson.

A 48-unit apartment complex was recently constructed in Grayson.

The City of Grayson has an ongoing downtown revitalization program in place.

A new bowling center was recently constructed in Grayson.

Two new ball fields for Senior League play have been developed at the Jaycee's Fairground.

Planned

A new 90-acre industrial park is being planned at the I-64 Interchange in Grayson.

A \$300,000 improvement to the Olive Hill Municipal Electric Company is planned.

Plans are currently under way to construct a Christian Home for the elderly in Grayson.

Planned improvements at the Kentucky Christian College include a \$5 million student center and sixty units of 1-, 2- & 3-bedroom apartments for married students.

Three new schools are planned for the Carter County School System. Construction will begin in 1989 on the East Carter Junior High School (\$4 million), the West Carter Junior High (\$4 million), and the new Prichard Elementary School (\$3 million).



**Cabinet for Economic Development
Department of Business Development
Capital Plaza Tower
Frankfort, Kentucky 40601
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