

1986

# Industrial Resources: Carter County - Olive Hill and Grayson

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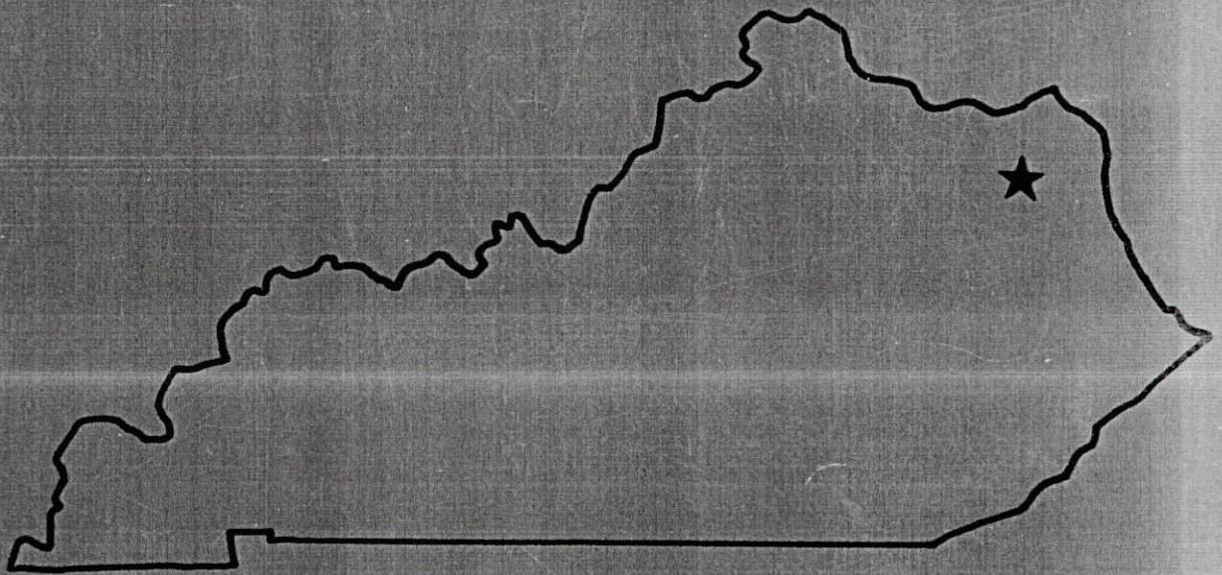
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IR  
471 Carter County

## RESOURCES FOR ECONOMIC DEVELOPMENT

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# Olive Hill & Grayson



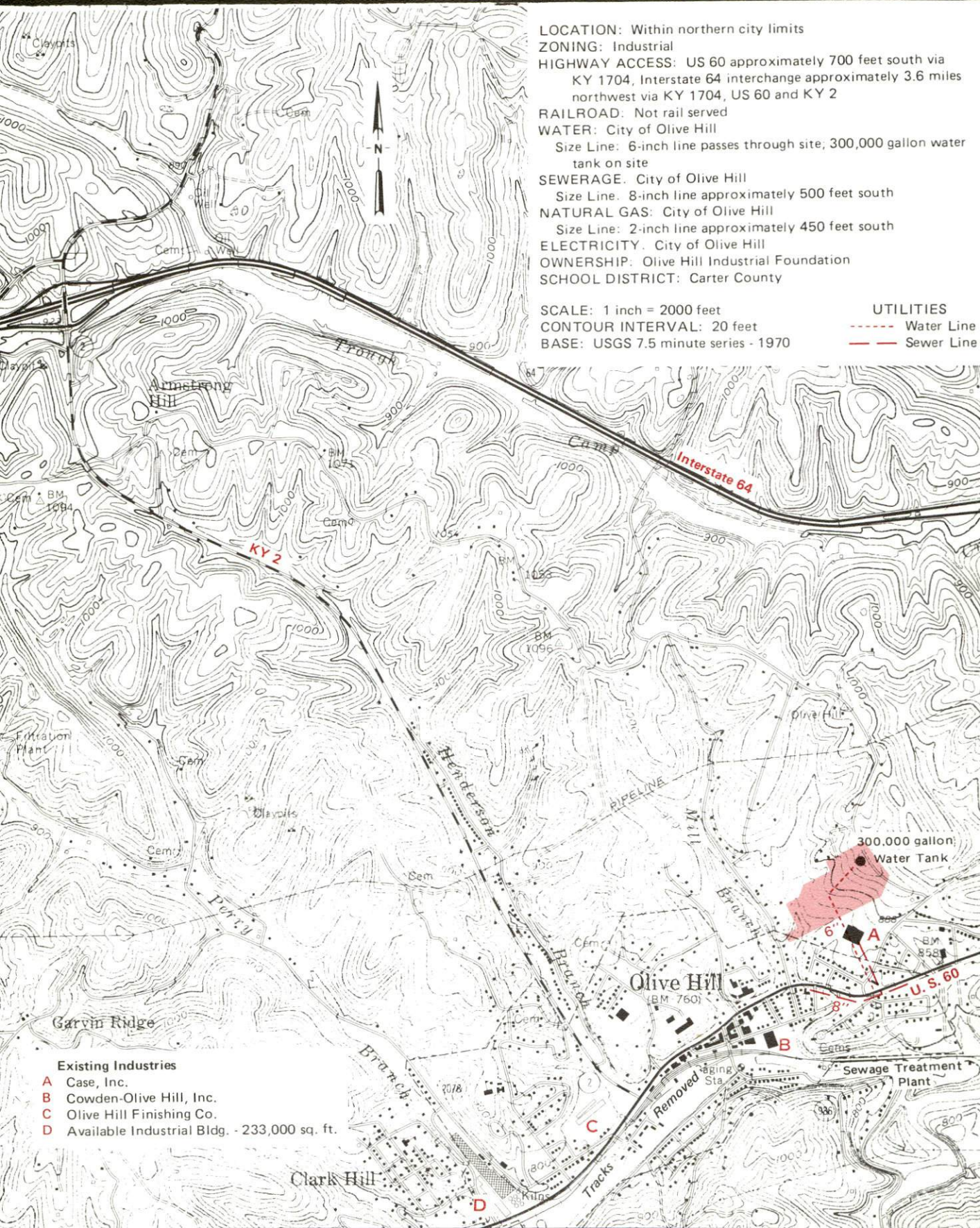
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**KENTUCKY**  
The business environment is right.



# OLIVE HILL, KENTUCKY --- Site 186 --- 22 Acres

For more information contact the Department of Economic Development, Office of Business Development, Industrial Development 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

**Existing Industries**

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

300,000 gallon Water Tank

Olive Hill (BM 760)

Sewage Treatment Plant

Clark Hill

RESOURCES FOR ECONOMIC DEVELOPMENT  
OLIVE HILL AND GRAYSON, KENTUCKY

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

1986



Program manager - Andrew Dennis; research - James R. Thompson; clerical - Bobbi Graves; graphics - Frank Ferrante, Tony Cecconi, Robert Owens; cartography - Site Evaluation Branch, Division of Industrial Development and Marketing. Cost of printing paid from state funds.

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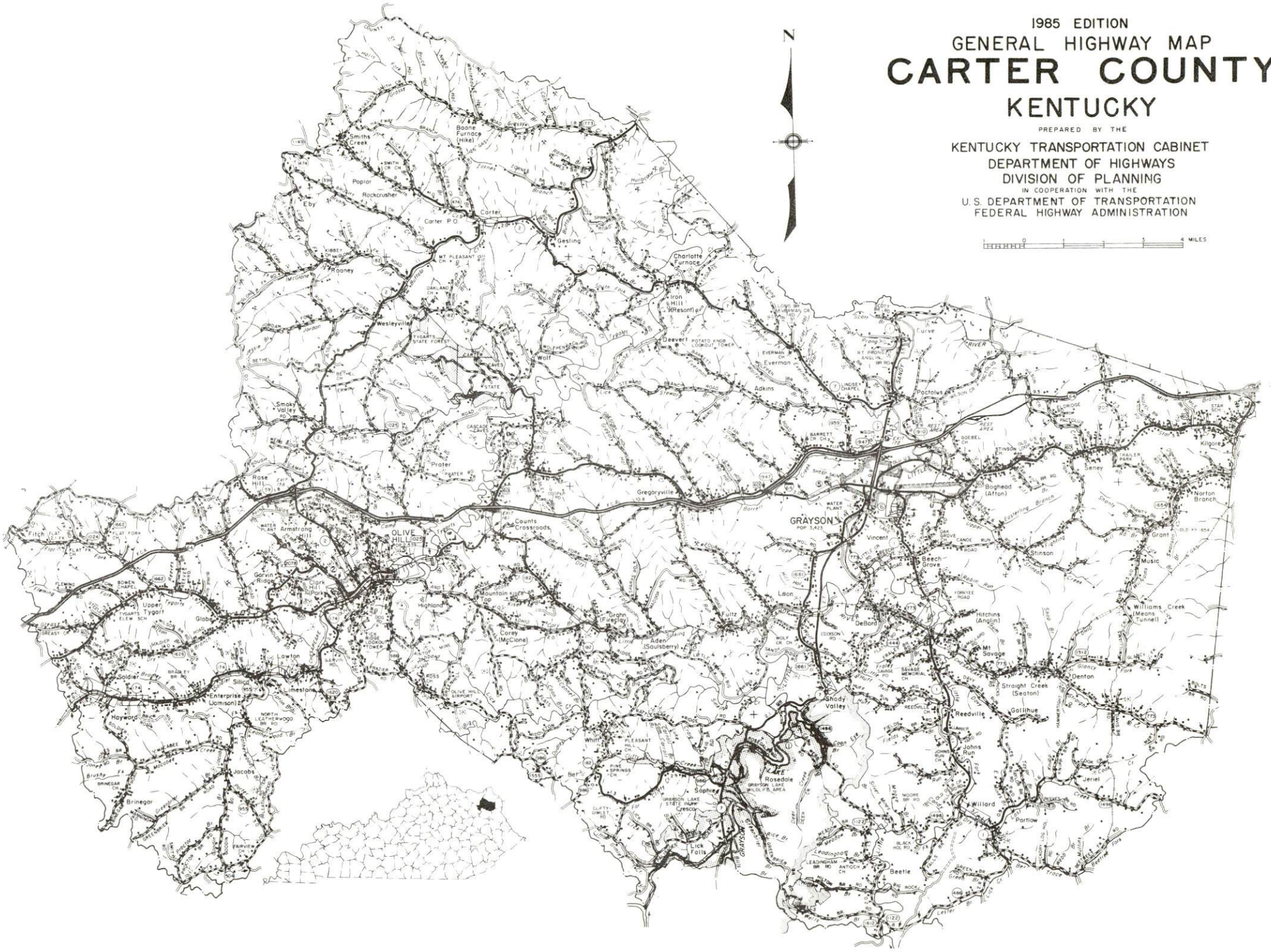


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1985 EDITION  
GENERAL HIGHWAY MAP  
**CARTER COUNTY**  
**KENTUCKY**

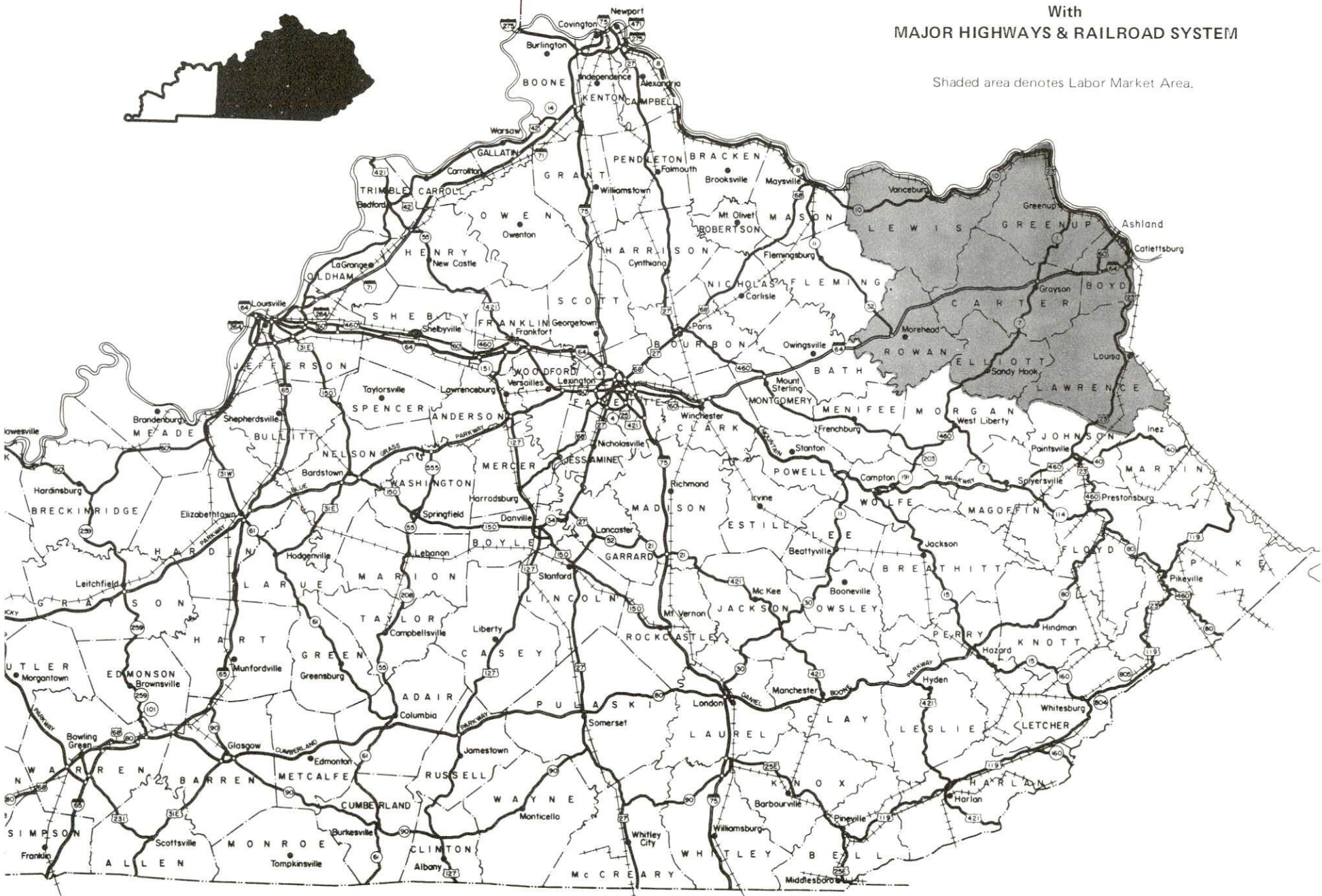
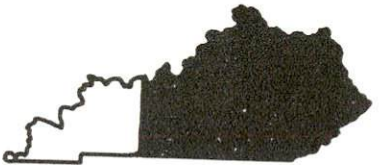
PREPARED BY THE  
KENTUCKY TRANSPORTATION CABINET  
DEPARTMENT OF HIGHWAYS  
DIVISION OF PLANNING  
IN COOPERATION WITH THE  
U.S. DEPARTMENT OF TRANSPORTATION  
FEDERAL HIGHWAY ADMINISTRATION





OLIVE HILL AND GRAYSON LABOR MARKET AREA  
With  
MAJOR HIGHWAYS & RAILROAD SYSTEM

Shaded area denotes Labor Market Area.





## 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 1984 estimated population of Carter County was 25,669, with 2,653 people in Olive Hill and 3,277 people in Grayson.

**The Economic Framework** - The total number of Carter County residents employed in 1984 averaged 8,450, with nonagricultural jobs accounting for 8,090 workers. Manufacturing firms in the county reported 680 employees; wholesale and retail trade provided 1,110 jobs; 320 people were employed in service occupations; state and local government accounted for 810 employees; contract construction firms provided 150 jobs; and 345 people were employed by mining and quarrying operations.

**Labor Supply** - There is a current estimated labor supply of 16,980 men and 13,730 women available for industrial jobs in the labor market area. In addition, from 1986 through 1990, 7,550 young men and 7,420 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. Three distributors of propane and three distributors of distillate fuel oil are located in Carter County.

**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.



## 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

Area	1984*	1980	1970	Percent Nonwhite
				1980
Olive Hill	2,653	2,539	1,197	0.1
Grayson	3,277	3,423	2,184	0.5
Labor Market Area	174,375	174,328	151,442	N/A
Carter County	25,669	25,060	19,850	0.2
Boyd County	54,770	55,513	52,376	2.3
Elliott County	6,923	6,908	5,933	0.0
Greenup County	38,649	39,132	33,192	0.6
Lawrence County	14,835	14,121	10,726	0.4
Lewis County	14,480	14,545	12,355	0.3
Rowan County	19,049	19,049	17,010	2.1

\* Population estimates.

Note: The 1980 city counts of population by race are provisional.

Sources: U.S. Department of Commerce, Bureau of the Census, 1980 Census of Population and Housing, March 1981; 1980 Census of Population, Number of Inhabitants. University of Louisville, Urban Studies Center, Population Unit, October 1985; Kentucky Population Research Notes, Issue Number One, May 1985.

### POPULATION PROJECTIONS

Area	1990	1995	2000	2010
Labor Market Area	191,851	203,391	212,657	227,267
Carter County	29,304	31,872	34,046	37,803
Boyd County	58,396	60,343	61,632	63,078
Elliott County	7,628	8,150	8,627	9,541
Greenup County	43,199	45,998	48,226	51,416
Lawrence County	16,820	18,602	20,159	22,981
Lewis County	16,213	17,272	18,172	19,727
Rowan County	20,291	21,154	21,795	22,721

Source: University of Louisville, Urban Studies Center, Population Research Unit, How Many Kentuckians: Population Forecasts, 1980-2020, the 1984 Edition, September 1984.

LABOR FORCE CHARACTERISTICS OF RESIDENTS, 1984

	<u>Carter County</u>	<u>Labor Market Area</u>
Civilian Labor Force	10,552	69,954
Employment	8,451	60,208
Agricultural	358	1,857
Nonagricultural	8,093	58,351
Unemployment	2,101	9,746
Rate of Unemployment (%)	19.9	13.9

Source: Kentucky Cabinet for Human Resources, Kentucky Labor Force Estimates, Annual Averages, 1984.

SELECTED COMPONENTS OF NONAGRICULTURAL EMPLOYMENT,  
BY PLACE OF WORK, 1984

	<u>Carter County</u>	<u>Labor Market Area</u>
All Industries (total)	3,750	42,067
Manufacturing	682	12,340
Wholesale & Retail Trade	1,113	9,710
Services	319	6,187
State/Local Government	812	6,939
Contract Construction	146	1,699
Mining & Quarrying	345	675

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, 1984.

PER CAPITA PERSONAL INCOME

<u>Area</u>	<u>1979</u>	<u>1983</u>	<u>Percent Change</u>
Carter County	\$ 5,285	\$ 6,239	18.0
Labor Market Area Range	\$4,240 - 8,621	\$4,763 - 10,639	N/A
Kentucky	7,124	9,396	31.9
U. S.	8,651	11,687	35.1

Sources: U.S. Department of Commerce, Bureau of Economic Analysis; Commerce News, August 28, 1984; May 7, 1985. Kentucky Economic Information System, June 1985.



ESTIMATED MALE LABOR SUPPLY  
OLIVE HILL AND GRAYSON LABOR MARKET AREA

Area	Current			Future	
	Total Male	Unemployed	Under-employed	Not in Labor Force	Becoming 18 years of age 1986 thru 1990
Labor Market					
Area*	16,982	6,882	4,594	5,506	7,550
Carter	2,628	1,496	751	381	1,162
Boyd	5,267	1,939	1,261	2,067	2,189
Elliott	763	478	285	0	337
Greenup	3,465	1,108	846	1,511	1,817
Lawrence	1,952	590	340	1,022	663
Lewis	1,594	687	382	525	719
Rowan	1,313	584	729	0	663

ESTIMATED FEMALE LABOR SUPPLY  
OLIVE HILL AND GRAYSON LABOR MARKET AREA

Area	Current			Future	
	Total Female	Unemployed	Under-employed	Not in Labor Force	Becoming 18 years of age 1986 thru 1990
Labor Market					
Area*	13,727	2,864	4,118	6,745	7,422
Carter	2,392	605	478	1,309	1,136
Boyd	2,518	831	1,288	399	2,189
Elliott	435	89	147	199	302
Greenup	4,232	542	795	2,895	1,816
Lawrence	1,823	194	249	1,380	663
Lewis	1,221	282	376	563	656
Rowan	1,106	321	785	0	660

\* 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, 1984. Kentucky Department of Economic Development, Future Labor Supply Becoming 18 Years of Age, 1986 thru 1990.

AVERAGE WEEKLY WAGES BY INDUSTRY,  
BY PLACE OF WORK, 1984

	<u>Carter County</u>	<u>Boyd County</u>	<u>Elliott County</u>	<u>Greenup County</u>
All Industries	\$240.82	\$359.72	\$231.78	\$413.08
Mining & Quarrying	439.45	428.16	300.28	*
Contract Construction	325.46	451.76	*	271.60
Manufacturing	185.88	518.37	182.56	568.26
Transportation, Communications & Public Utilities	381.03	447.45	348.41	456.76
Wholesale & Retail Trade	172.23	215.06	121.77	181.07
Finance, Insurance & Real Estate	252.13	304.21	*	260.92
Services	183.52	289.12	128.75	277.74
State/Local Government	280.15	308.16	250.80	255.57
Other	200.68	251.34	0	106.23
	<u>Lawrence County</u>	<u>Lewis County</u>	<u>Rowan County</u>	
All Industries	\$270.92	\$195.34	\$260.48	
Mining & Quarrying	348.28	0	325.55	
Contract Construction	237.91	138.20	305.07	
Manufacturing	169.68	167.03	253.24	
Transportation, Communications & Public Utilities	*	204.84	390.98	
Wholesale & Retail Trade	194.02	153.59	166.63	
Finance, Insurance & Real Estate	272.06	233.68	314.72	
Services	239.04	154.41	271.77	
State/Local Government	258.37	274.80	303.71	
Other	0	0	183.58	

\* Not disclosed.

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 Weekly Wages of Workers Covered by Kentucky Unemployment Insurance Law, 1984.





## EXISTING INDUSTRY

### CARTER COUNTY MANUFACTURING FIRMS, THEIR PRODUCTS AND EMPLOYMENT

<u>Firm (Establishment date)</u>	<u>Product</u>	<u>Employment</u>			<u>Labor Unions</u>
		<u>Total</u>	<u>Male</u>	<u>Female</u>	
<b>Carter City</b>					
Standard Slag Stone Company (1954)	Crushed limestone	11	10	1	Aluminum, Brick and Glass Workers*
<b>Denton</b>					
Mullins & Sexton Lumber Company (1963)	Wood pallets	16	15	1	
<b>Grahn</b>					
Louisville Fire Brick Works (1913)	Fire brick	35	34	1	Aluminum, Brick and Glass Workers*
<b>Grayson</b>					
The Grayson Journal- Enquirer (1922)	Newspaper	6	1	5	
Ruth Paving & Big Sandy Ready Mix Concrete, Inc. (1959)	Ready-mixed concrete	11	10	1	
<b>Hitchens</b>					
Chris Crowe Hardwood, Inc. (1968)	Rough lumber	65	62	3	
General Refractories Company (1912)	Fireclay refractory brick	77	75	2	Aluminum, Brick and Glass Workers*

(Continued)



<u>Firm (Establishment date)</u>	<u>Product</u>	<u>Employment</u>			<u>Labor Unions</u>
		<u>Total</u>	<u>Male</u>	<u>Female</u>	
<b>Olive Hill</b>					
Acme Stone Company (1949)	Crushed stone	13	12	1	Aluminum, Brick and Glass Workers*
Ashland Sales & Service, Inc. (1968)	Military jackets, coats, military trousers	100	5	95	
Bass Hawk Boat Company (1976)	Fiberglass boats	27	24	3	
Case, Inc. (1970)	Men's coveralls, uniform coat liners, insulated underwear	270	19	251	
Cowden-Olive Hill Company (1963)	Men's and boys' work and play clothes	182	10	172	Aluminum, Brick and Glass Workers*
East Kentucky Paving Corporation (1957)	Asphalt	6	6	0	Steelworkers*
B & J Logan Lumber Company, Inc. (1977)	Lumber crossties	8	7	1	
Olive Hill Finishing Company (1975)	Greeting cards	115	12	103	
Precision Home Manu- facturing, Inc.	Prefabricated homes	44	37	7	

\*See Labor Organizations below.

Sources: Kentucky Department of Economic Development, 1986 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 Services</u>	<u>Location</u>	<u>Mileage from Olive Hill</u>
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	Ashland, Kentucky	36
Industrial Gases	Huntington, West Virginia	42
Industrial Waste Removal	Ashland, Kentucky	36
Machine Shops, Tool & Die	Ashland, Kentucky	36
Metal Finishers	Lexington, Kentucky	84
Metal Service Centers	Morehead, Kentucky	19
Millwrights	Lexington, Kentucky	84
Public Warehouse Facilities	Paris, Kentucky	74
	Lexington, Kentucky	84

Sources: Kentucky Department of Economic Development, Kentucky Directory of Selected Industrial Services, 1985; 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 Chessie System 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.

Construction of the 136.4-mile A-A highway is to start in Summer 1986. The A-A highway will stretch from southern Campbell County to Quincy in Lewis County and divide into two spurs from Quincy to U.S. 23 in Greenup County and to I-64 at Grayson. The \$450 million highway is scheduled for completion in 1991.

### Truck Service

ARA/Smith's\*  
Bestway Express, Inc.\*\*  
Manning Motor Express\*\*

Overnite Transportation  
Company\*\*

\* Interstate only.

\*\* Interstate and intrastate.

Source: American Motor Carrier Directory, Spring 1986.

#### 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, Ala.	482	1		Nashville, Tenn.	294	1	
Chicago, Ill.	436	1		New Orleans, La.	811	3	
Cincinnati, Ohio	162	1		New York, N. Y.	645	-	
Cleveland, Ohio	335	1		Pittsburgh, Pa.	305	1	
Detroit, Mich.	421	1		St. Louis, Mo.	419	1	
Knoxville, Tenn.	247	1					

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

Sources: Rand McNally Road Atlas, 1979. Official Kentucky Mileage Map, 1985. 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  
Services: Tie-down and hangar

### Nearest Scheduled Commercial Airline Service

Tri-State Airport (Walker-Long Field)  
Location: 9 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: Tower  
Lighting: Beacon, runway  
Services: Piedmont, USAir, Comair; 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) 329-2220

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) 329-2220

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

\* The City of Olive Hill Utilities recently completed a \$30,000 renovation of its electric system.

## 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); 1 to 3 inches (distributor)  
Distribution mains - 3, 6 and 8 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 - 30 to 120 psi  
Btu content - 1,022 per cubic foot  
Specific gravity - 0.5853  
For rates and supplies contact:

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

## Other Fuels

### Propane

Buckeye Gas Products Company  
(bulk plant)  
Kentucky Route 1947 West  
P. O. Box 276  
Grayson, Kentucky 41143

Prince & Ross Gas Company  
(bulk plant)  
U. S. 60 East  
P. O. Box 328  
Grayson, Kentucky 41143

Helton's Doxol Propane and  
Appliances  
U.S. 60 East  
Grayson, Kentucky 41143

\* The City of Olive Hill Municipal Gas Company plans to renovate all of its distribution mains and service lines during the summer of 1986. The \$1.3 million project will be completed in November 1986.



Fuel oils

Distillate fuel oil -

Ashland Oil Bulk Plant  
Davis & Davis Distributors  
(bulk plant)  
McClave Street  
P. O. Box 575  
Grayson, Kentucky 41143

Waggoner Oil Company, Inc.  
(bulk plant)  
U.S. 60 East  
P. O. Box 545  
Olive Hill, Kentucky 41164

Qualls Oil Company, Inc.  
(bulk plant)  
U.S. 60 West  
P. O. Box Q  
Olive Hill, Kentucky 41164

Residual fuel oil - Arrangements must be made with the refinery.

Low sulphur content coal - Available in Kentucky.

## 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 - 1,300,000 gallons per day  
Average daily consumption - 600,000 gallons  
Peak daily consumption - 800,000 gallons  
Treatment processes - Coagulation, sedimentation, chlorination, flocculation, filtration, fluoridation  
Storage capacity - 1,210,000 gallons  
Size lines - 6 to 10 inches  
Water pressure - 40 to 150 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 is currently renovating its water treatment plant. The \$1.2 million maintenance project will be completed in October 1986.



Outside City

First	2,000 gallons	\$9.15 (Minimum)
Next	3,000 gallons	3.50 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  
202 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 - 800,000 gallons

Peak daily consumption - 1,100,000 gallons

Treatment processes - Sedimentation, chlorination, flocculation, filtration, fluoridation

Storage capacity - 960,000 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)

### 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 fee, plus the cost of the meter

### **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 - 130,000 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 - 8 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 - 235,000 gallons per day

Average daily flow - At capacity

Type of treatment - Primary and secondary

Treatment processes - Trickling filter, chlorination, aerobic digester, sludge drying beds

Treated effluent discharged into - Little Sandy River

Size of sanitary mains - 4 to 12 inches

Size of storm mains - 12 inches

Monthly rates - Based on water usage

First	2,000 gallons	\$5.45 (Minimum)
All over	2,000 gallons	.75 per M gallons

Tap-on charge:

Residential - \$100

Commercial - \$125

\* The City of Grayson Utilities has plans to upgrade its sewerage treatment plant. The \$3 million project, which will increase the design capacity to 1 million gallons per day, will start in Fall 1986 and be completed in January 1988.

## CLIMATE

### Carter County

#### Temperature

Normal (30-year record)	55.10 degrees
Average annual 1984	55.80 degrees
Record highest, July 1983 (24-year record)	100.00 degrees
Record lowest, January 1963 (24-year record)	-15.00 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 (29-year record)	25.00 inches
Total precipitation 1984	40.80 inches
Mean number days precipitation (.01 inch or more) (23-year record)	140.30
Mean number days thunderstorms (22-year record)	42.40

#### Prevailing Winds

N/A

#### Relative Humidity

1 a.m.	78 percent (22-year record)
7 a.m.	83 percent (23-year record)
1 p.m.	59 percent (23-year record)
7 p.m.	61 percent (23-year record)

Source: U.S. Department of Commerce, Environmental Science Services Administration, Climatological Data, 1984. 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

Olive Hill levies an unloading license fee of \$25.00 and a vending license of \$10.50 annually. Grayson levies an unloading license of \$30.00 and a \$5.00 soliciting license annually.

## 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, 1985

	<u>Olive Hill</u>	<u>Grayson</u>	<u>Unincorporated Carter County</u>
Land and Buildings	\$ 0.7485	\$ 0.6958	\$ 0.5120
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	0.5015*	0.4488*	0.2650*
Automobiles and Trucks	0.9655	0.9128	0.7290
Other Tangible Personal Property	0.9505	0.8978	0.7140
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

\* Includes 1986 state rate.

\*\* 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	6	5
Radio-patrol cars	2	4	3
<b>Fire*</b>			
Insurance Services Office, Public Protection Classification	7	7	**
Volunteers	25	27	100
<b>Rescue Service</b>			
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 (March 1986)	5,319
Kindergarten	407
Elementary	3,293
High School	1,619
Accreditation	Southern Association of Colleges and Schools
Pupil-Teacher Ratio (1984-85)	19-1
Percent High School Graduates to College (1984-85)	42.6
Expenditures Per Pupil (1984-85)	\$1,735.08

\* The Carter County Board of Education recently completed construction of new central offices. Total cost of the facilities was \$350,000.

## Area Colleges and Universities

<u>Name</u>	<u>Location (Miles distant from Olive Hill)</u>	<u>Enrollment (Fall, 1985)</u>	<u>Highest Degree Conferred</u>
Kentucky Christian College	Grayson, Kentucky (15)	536	Masters
Morehead State University	Morehead, Kentucky (19)	5,695	Masters, Specialist*
Ashland Community College	Ashland, Kentucky (36)	1,922	Associate
Marshall University	Huntington, West Virginia (42)	11,320	Academic & Professional
Shawnee State Community College	Portsmouth, Ohio (46)	2,459	Associate
Maysville Community College	Maysville, Kentucky (63)	766	Associate
Lexington Community College	Lexington, Kentucky (84)	2,538	Associate
Transylvania University	Lexington, Kentucky (84)	856	Baccalaureate**
University of Kentucky	Lexington, Kentucky (84)	20,895	Doctorate, M.D., D.M.D., J.D.

### 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 designed especially for the preparation of men and women who plan to enter specialized church-related vocations. Master of Ministry, Bachelor of Arts, Bachelor of Science, and Bachelor of Theology degrees are conferred by the college. The college plans to offer a Bachelor of Business Administration starting in Fall 1986. The Fall 1985 enrollment was 536.

Kentucky Christian College completed construction of a \$1.5 million men's dormitory in Fall 1985. In Spring 1986 a \$225,000 expansion of the library facilities was completed.

- \* 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.



## Vocational Schools

The Kentucky Department of Education operates 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.

### Nearest State School

Ashland State Vocational-Technical School\*  
Ashland, 36 miles east of Olive Hill

Academic Related Subjects	Carpentry-Building Trades
Computer Literacy	Drafting (with CAD/CAM)
Economics	Electronics Communication
Employability Skills	Electronic Instrumentation
Math & Communications Skills	Heavy Equipment Maintenance
Physical Science	Industrial Electricity
Study Skills	Machine Shop
Business & Office	Radio & Television Repair
General Clerical	Tool & Die Making
Secretarial-Stenographic	Welding
Consumer & Home Economics	Public Service Occupations
Commercial Foods	First Aid and CPR
Health & Personal Services Occupations	EMT
Cosmetology	Fireman Training
Nurse Assistant	Rescue Training
Practical Nursing	Learning Resources Center
Industrial Education	Computer Lab
Auto Body Repair	
Auto Mechanics	

### Nearest Area Education Center

Carter County Area Vocational Education Center  
Olive Hill

Industrial Education	Drafting
Auto Body Repair	Electricity
Auto Mechanic	Related Math
Carpentry/Building Trades	Welding

\* In addition to the listed courses, Ashland State Vocational-Technical School offers several evening courses on a part-time basis. Adult up-grade training is available as requested in trade and industrial plus business and office programs.

## HEALTH

### Local Medical Personnel

	Olive Hill	Grayson
Physicians -	3	8
Dentists -	4	5

### Hospitals

#### **St. Clair Medical Center - Morehead, 19 miles west of Olive Hill (170 Beds)**

Medical staff - 39 doctors, 82 registered nurses, and 23 licensed practical nurses

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

Medical staff - 86 physicians on active staff, 15 physicians on courtesy staff, 11 dentists, 3 pathologists, 230 registered nurses (full time and part time with 18 floaters), 135 licensed practical nurses (full time and part time with floaters), 4 emergency medical technicians, 24 X-ray technicians; Medical specialists include: invasive cardiologist, pulmonologist, plastic surgeon, neurologist, orthopedist, neurosurgeon

### Other Medical Facilities

Carter County Health Center (Grayson)  
Little Sandy District Health Department (Grayson)  
West Carter County Health Center (Olive Hill)

### Ambulance Service

Name - Carter County Emergency Service  
Staff - 9 emergency medical technicians

## OTHER LOCAL FACILITIES

### Communications

Telephone -	General Telephone Company of Kentucky
Telegraph -	Western Union Toll-free number, 1-800-325-6000
Newspaper - Weekly and circulation -	Olive Hill Times - 6,500 (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 Cable 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 - 80,000 volumes  
Circulation, 1984-85 - 9,549

### 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	\$60,585,639.10	\$53,783,931.00	12/31/85
The First National Bank of Grayson	51,098,524.72	43,142,137.36	12/31/85
Peoples Bank of Olive Hill	60,301,259.00	51,375,806.00	12/31/85
<u>Savings and Loan Associations</u>	<u>Assets</u>	<u>Savings Accounts</u>	<u>Statement Date</u>
Catlettsburg Federal Savings and Loan Association*	\$48,323,611.41	\$39,449,499.82	12/31/85

### Hotels and Motels

	<b>Olive Hill</b>	<b>Grayson</b>
Total number -	1	2
Total rooms -	28	90

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

\* A branch 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 swimming pool and bathhouse, tennis courts, ball fields, playgrounds and picnic areas.

The annual Grayson Memory Days Festival features a parade, street dancing, Jaycee horse show, and art 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 three caves, a 28-room lodge, a restaurant, and a gift shop. Recreational facilities available include something for the whole family with playgrounds, two swimming pools (one Olympic-size), tennis courts, shuffleboard, a 9-hole golf course, miniature golf, boating, fishing, 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 can be found during the summer. The park is located in 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** is located 16 miles north of Grayson near Ashland, has a magnificent fieldstone lodge. The lodge offers 36 rooms, a dining room, a gift shop, a meeting room, a lodge pool, and a recreation room. Other facilities and activities at or near 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

The City of Olive Hill Utilities recently completed a \$30,000 renovation of its electric system.

The Carter County Board of Education recently completed construction of new central offices. Total cost of the facilities was \$350,000.

Kentucky Christian College completed construction of a \$1.5 million men's dormitory in Fall 1985. In Spring 1986 a \$225,000 expansion of the library facilities was completed.

### Under Way

The City of Olive Hill Municipal Water Company is currently renovating its water treatment plant. The \$1.2 million project will be completed in October 1986.

Construction of a new 120-bed nursing home, in Grayson, is under way. The new facility will be completed in August 1986.

The City of Grayson has an ongoing downtown revitalization under way.

Construction of a 48-unit apartment complex in Grayson is under way.

### Planned

Construction of the 136.4-mile A-A highway is to start in Summer 1986. The A-A highway will travel from southern Campbell County to Quincy in Lewis County and then divide into two spurs from Quincy to U.S. 23 in Greenup County and to I-64 at Grayson. The \$450 million highway is scheduled for completion in 1991.

The City of Olive Hill Municipal Gas Company plans to renovate all of its distribution mains and service lines in Summer 1986. The \$1.3 million project will be completed in November 1986.

The City of Grayson Utilities has plans to upgrade its sewerage treatment plant. The \$3 million project, which will increase the design capacity to 1 million gallons per day, will start in Fall 1986 and be completed in January 1988.





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