
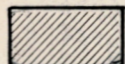

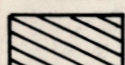
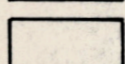
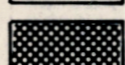
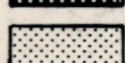
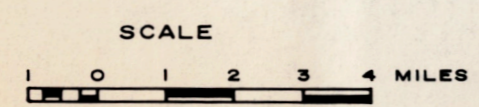


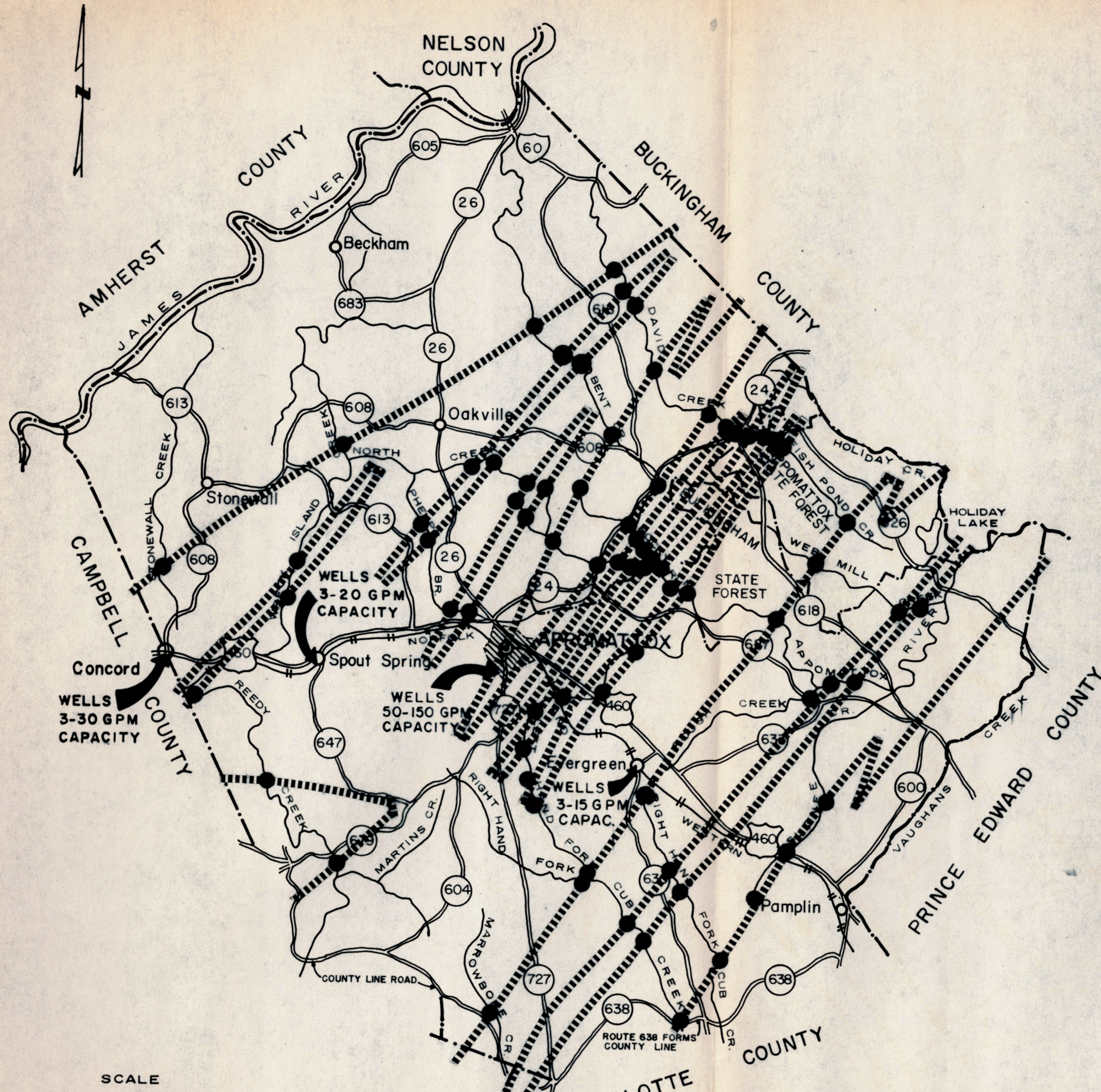
LEGEND

-  DIABASE DIKES
-  HORNBLLENDE GNEISS
-  WISSAHICKON FORMATION
-  WISSAHICKON FORMATION
-  WISSAHICKON FORMATION
-  COLUMBIA GRANITE (Shelton graitte gneiss)
-  COLUMBIA GRANITE (Granodiorite)

NOTE:
 INFORMATION SHOWN ON THIS MAP WAS TAKEN FROM VIRGINIA GEOLOGICAL SURVEY BULLETIN 38, "KYANITE IN VIRGINIA" 1932. FOR MORE DETAILED INFORMATION REFER TO BULLETIN 38.

GEOLOGIC MAP
 APPOMATTOX COUNTY
 VIRGINIA





LEGEND

- PROSPECTS OF FINDING GROUND WATER ALONG THIS LINE
- PROSPECTS OF FINDING A GOOD SUPPLY OF GROUND WATER ARE BETTER AT THESE POINTS.

NOTES:

1. SYMBOL ----- INDICATES APPROXIMATE LOCATION OF CONTACT ZONES BETWEEN GEOLOGIC FORMATIONS. (SEE GEOLOGIC MAP THIS REPORT.)
2. DATA SHOWN HEREON IS BASED ON A LETTER DATED APRIL 15, 1970 FROM DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT DIVISION OF WATER RESOURCES (SEE COPY OF LETTER IN APPENDIX TO THIS REPORT.)

GROUND WATER RESOURCES
 APPOMATTOX COUNTY
 VIRGINIA

WATER SHED AREAS

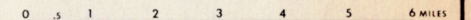
SITE NO.	WATER SHED AREA (ACRES)	FLOOD CONTROL VOL. NEEDED (AC. FT.)	HIGH WATER EL. FT. ABOVE SL.	STORAGE AVAILABLE (AC. FT.)	GALLONS
STONEWALL					
1	4,471	1,490	640	3,686.6	1,201,462,940
2	3,021	1,034	640	2,228.8	694,101,820
3	654	218	700	336.2	109,567,580
WRECK ISLAND					
1	648	216	660	398.6	129,903,740
2	25,096	8,365	560	12,280.3	4,002,149,770
3	4,110	1,370	580	2,765.3	901,211,270
4	2,173	724	640	1,632.7	532,096,930
5	7,597	2,532	700	6,166.4	2,009,623,760
6	2,155	718	660	1,955.4	637,264,860
7	2,441	814	620	871.8	284,119,620
BENT CREEK					
1	554	185	580	548.0	178,593,200
2	12,455	4,152	540	7,042.1	2,295,020,390
3	3,099	1,200	620	1,444.8	470,860,320
4	2,671	890	600	1,158.4	377,522,560
DAVID CREEK					
1	12,243	4,081	520	4,932.1	1,607,371,390
2	1,594	531	620	772.1	251,627,390
3	4,963	1,654	620	1,942.9	633,191,110
APPOMATTOX RIVER					
1	2,920	973	680	1,494.6	487,090,140
2	4,870	1,623	600	2,005.2	653,494,680
3	9,652	3,214	600	6,190.5	2,017,483,950
4	3,064	1,021	620	1,320.2	430,253,180
5	361	120	620	72.3	235,397,570
6	984	328	580	735.1	239,569,090
7	3,026	1,009	600	2,222.2	691,624,980
8	4,577	1,526	540	2,229.7	694,069,230
9	1,532	511	600	1,319.0	429,862,100
10	29,873	9,958	520	18,631.3	6,071,940,670
11	1,513	304	560	1,071.3	349,136,670
12	3,176	1,059	580	1,190.9	388,114,310
13	996	332	700	660.1	215,126,390
14	6,887	2,296	500	2,940.0	958,146,000
MARROWBONE CREEK					
1	2,709	903	620	1,336.0	435,402,400
VAUGHAN'S CREEK					
1	2,603	868	520	1,610.0	524,699,000
CUB CREEK					
1	3,370	1,123	580	1,163.0	378,021,700
2	6,240	2,080	564	2,308.0	752,772,200
3	3,110	1,037	535	1,021.0	332,743,000
4	5,130	1,710	539.3	1,789.0	583,035,100
NORTH FORK FALLING RIVER					
1	5,355	1,785	660	1,842.0	600,207,800
2	1,500	500	620	726.0	236,603,400
3	2,833	944	640	1,032.0	336,328,800
7	3,470	1,140	640	1,140.0	371,526,000
15	2,220	740			
21	770	257			

LEGEND






- WATER SHED AREA LOCATION
- (S1) - (S3) STONEWALL
 - (W1) - (W7) WRECK ISLAND
 - (B1) - (B4) BENT CREEK
 - (D1) - (D3) DAVID CREEK
 - (A1) - (A14) APPOMATTOX RIVER
 - (M1) - (M1) MARROWBONE CREEK
 - (V1) - (V1) VAUGHAN'S CREEK
 - (C1) - (C4) CUB CREEK
 - (N1) - (N21) NORTH FORK FALLING RIVER
 - DRAINAGE AREA DIVIDE
 - STATE HIGHWAY
 - FEDERAL HIGHWAY
 - EXISTING CONTOUR
- CONTOUR INTERVAL - 100 FEET

INFORMATION SHOWN ON THIS MAP WAS SUPPLIED BY THE U.S. DEPARTMENT OF AGRICULTURE - SOILS CONSERVATION SERVICE.

**SURFACE WATER RESOURCES
IN
APPOMATTOX COUNTY**



LEGEND

-  EXISTING ROADS
-  APPROX. LIMITS OF DEVELOPED AREA (1970)
-  PROBABLE FUTURE DEVELOPMENT (1990±)
-  -800- EXISTING CONTOURS
-  -8" PROPOSED WATER

NOTES:

1. MAINS TO BE INSTALLED IN "FUTURE DEVELOPMENT" WILL DEPEND ON FUTURE STREET PATTERN MAINS SIZES WILL BE: FOR FIRE PROTECTION 6" AND 8" DOMESTIC SERVICE 2", 3" AND 4".
2. PROBABLY "FUTURE DEVELOPMENT" LINE --- MARKS THE APPROXIMATE LIMIT OF PUBLIC WATER SERVICE.
3. "APPROXIMATE LIMITS OF DEVELOPED AREA" IS BASED UPON FIELD INVESTIGATION BY HANKINS AND ANDERSON.
4. "PROBABLE FUTURE DEVELOPMENT (1990)" INFORMATION IS BASED "COMPREHENSIVE PLAN, APPOMATTOX TOWN, APPOMATTOX COUNTY AND PAMPLIN CITY" PREPARED BY COMMON WEALTH OF VIRGINIA GOVERNOR'S OFFICE, DIVISION OF PLANNING 1965.
5. STORAGE TANK SIZES AND MAIN SIZES ARE BASED UPON PROVIDING SERVICE TO APPROXIMATELY 6000 PERSONS WITHIN THE AREA TO BE SERVED.
6. MAINS SHOWN WITHIN THE CORPORATE LIMITS OF APPOMATTOX ARE SIZED FOR PROVIDING FIRE PROTECTION—THE EXISTING SYSTEM WITHIN THE TOWN IS ADEQUATE TO PROVIDE FOR DOMESTIC DEMAND.
7. THE LAYOUT OF PROPOSED MAINS SHOWN OUTSIDE OF THE CORPORATE LIMITS OF APPOMATTOX ARE NOT INTENDED TO BE EXACT AS TO LOCATION OR TO SIZE. THE LAYOUT IS INTENDED TO SHOW THE CONCEPT, SCOPE AND MAGNITUDE OF THE WORK INVOLVED.

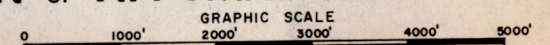
NOTE: LIMITS OF PROBABLE FUTURE DEVELOPMENT TAKEN FROM DATA SUPPLIED BY DEPARTMENT OF STATE PLANNING AND COMMUNITY AFFAIRS

NOTE: TOPOGRAPHIC DATA DEVELOPED FROM H.S.S. APPOMATTOX QUADRANGLE SHEET

NOTE:

DISTRIBUTION MAINS SHOWN WITHIN THE THE "APPROXIMATE LIMITS OF DEVELOPED AREA (1970)" SHOULD BY ESSENTIALLY COMPLETE BY 1975.

**PROPOSED
WATER DISTRIBUTION PLAN
FOR
TOWN OF APPOMATTOX AND VICINITY**





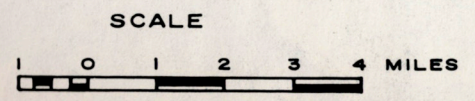
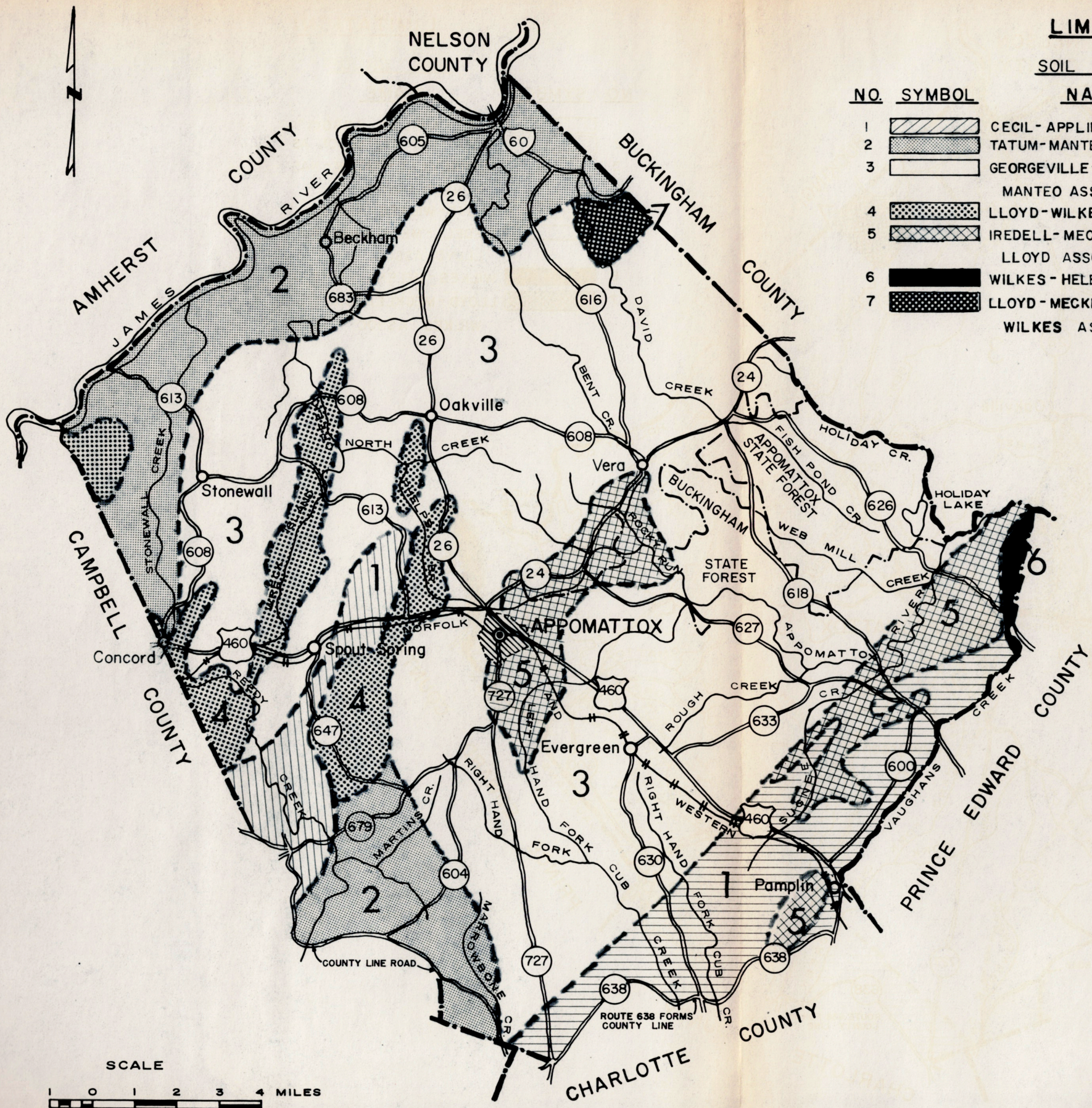
- LEGEND**
- EXISTING ROADS
 - - - - - APPROX. LIMITS OF DEVELOPED AREA (1970)
 - - - - - PROBABLE FUTURE DEVELOPMENT (1990±)
 - - - - - 700' EXISTING CONTOURS
 - - - - - 6" EXISTING WATER

NOTE:
EXISTING WATER DISTRIBUTION SYSTEM WITHIN CORPORATE LIMITS OF TOWN IS AT PRESENT ADEQUATE FOR DOMESTIC SUPPLY ONLY—LARGER MAINS AND ADDITIONAL STORAGE ARE REQUIRED FOR ADEQUATE FIRE PROTECTION SERVICE.

NOTE: LIMITS OF PROBABLE FUTURE DEVELOPMENT TAKEN FROM DATA SUPPLIED BY DEPARTMENT OF STATE PLANNING AND COMMUNITY AFFAIRS

NOTE: TOPOGRAPHIC DATA DEVELOPED FROM H.G.S. APPOMATTOX QUADRANGLE SHEET

EXISTING



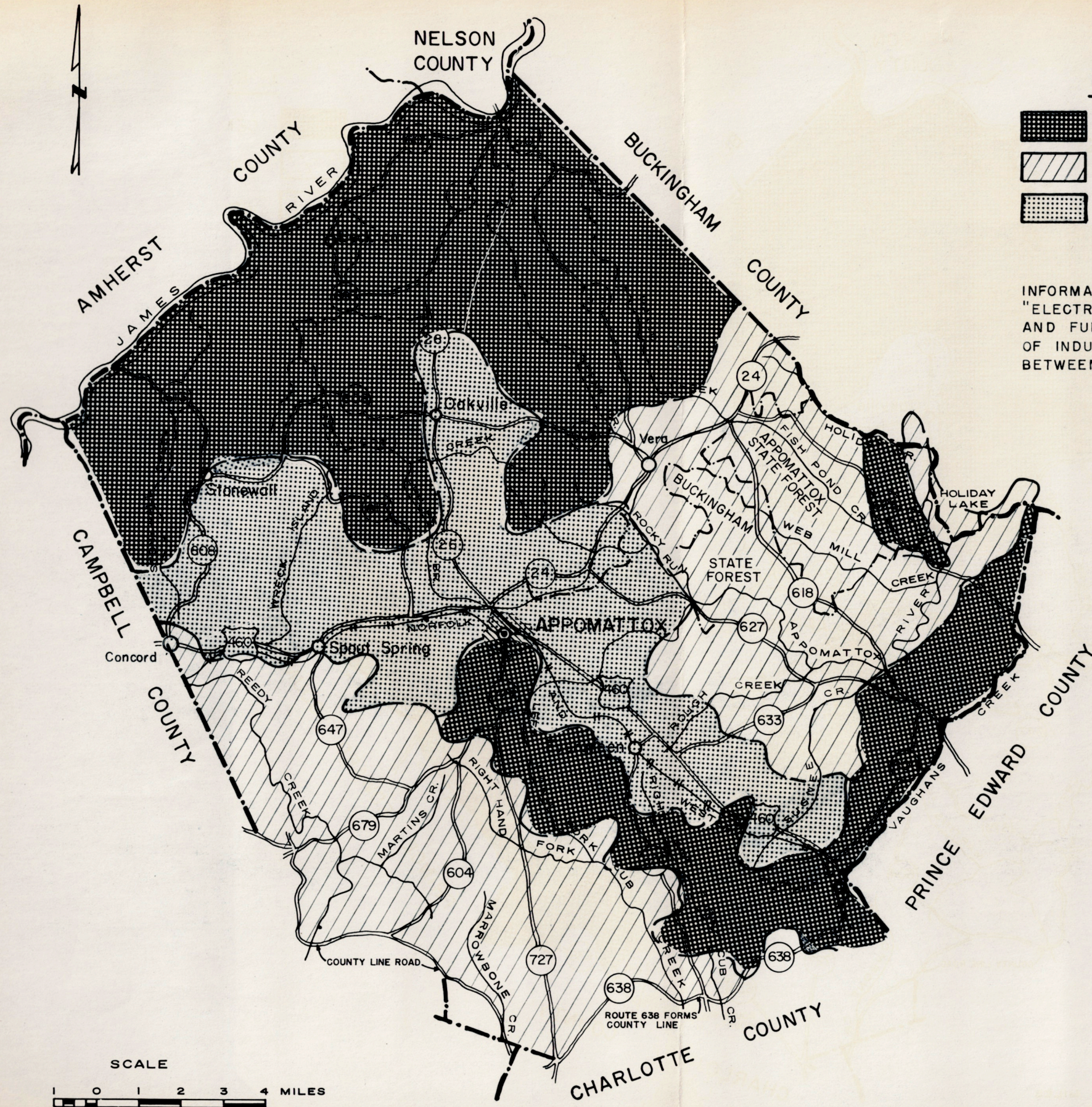
LIMITATIONS OF SOILS

NO.	SYMBOL	SOIL GROUP NAME	LIMITATIONS FOR	
			STRUCTURES	SEPTIC SYSTEMS
1	[Diagonal lines]	CECIL-APPLING ASSOC.	SLIGHT	MODERATE
2	[Horizontal lines]	TATUM-MANTEO-NASON ASSOC.	SLIGHT-SEVERE	MODERATE-SEVERE
3	[White]	GEORGEVILLE-TATUM-NASON-MANTEO ASSOC.	SLIGHT-SEVERE	MODERATE-SEVERE
4	[Cross-hatch]	LLOYD-WILKES ASSOC.	SLIGHT-SEVERE	MODERATE-SEVERE
5	[Grid]	IREDELL-MECKLENBURG-LLOYD ASSOC.	SLIGHT-SEVERE	MODERATE-SEVERE
6	[Solid black]	WILKES-HELENA-VANCE ASSOC.	SLIGHT-SEVERE	MODERATE-SEVERE
7	[Dotted]	LLOYD-MECKLENBURG-WILKES ASSOC.	SLIGHT-SEVERE	MODERATE-SEVERE


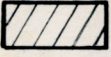

NOTE:
 INFORMATION SHOWN ON THIS MAP FURNISHED BY U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE SEE APPENDIX, "A GENERAL DESCRIPTION OF SOILS IN APPOMATTOX COUNTY" AND "GENERAL SOILS MAP APPOMATTOX COUNTY VIRGINIA."

GENERAL SOILS MAP
APPOMATTOX COUNTY
VIRGINIA

AREA 343 SQ. MILES



LEGEND

-  CENTRAL VIRGINIA ELECTRIC CO-OP
-  SOUTHSIDE ELECTRIC CO-OP
-  VIRGINIA ELECTRIC AND POWER COMPANY

INFORMATION SHOWN HEREON WAS TAKEN FROM MAP ENTITLED "ELECTRIC POWER UTILITIES SERVING VIRGINIA" DATED 1966 AND FURNISHED BY COMMONWEALTH OF VIRGINIA, DIVISION OF INDUSTRIAL DEVELOPMENT AND PLANNING - DELINEATION BETWEEN UTILITIES SERVING THE COUNTY IS APPROXIMATE.

NOTE:

TELEPHONE SERVICE IS FURNISHED TO ENTIRE COUNTY BY CONTINENTAL TELEPHONE COMPANY.

ELECTRIC POWER & TELEPHONE
UTILITIES SERVING
 APPOMATTOX COUNTY
 VIRGINIA

This Exhibit taken from:
COMPREHENSIVE PLAN
APPOMATTOX TOWN, APPOMATTOX
COUNTY AND PAMPLIN CITY
Commonwealth of Virginia
Governor's Office
Division of Planning

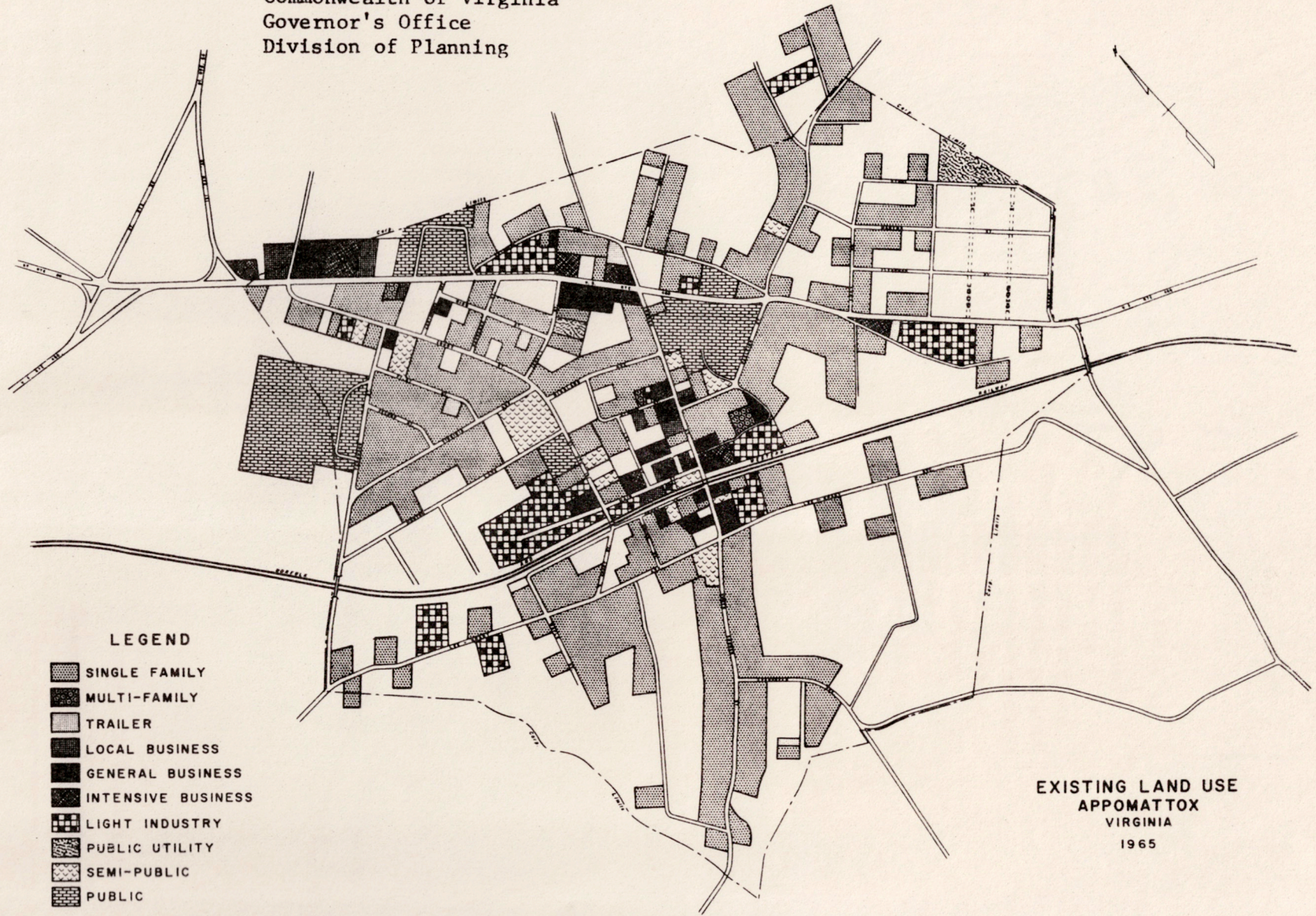
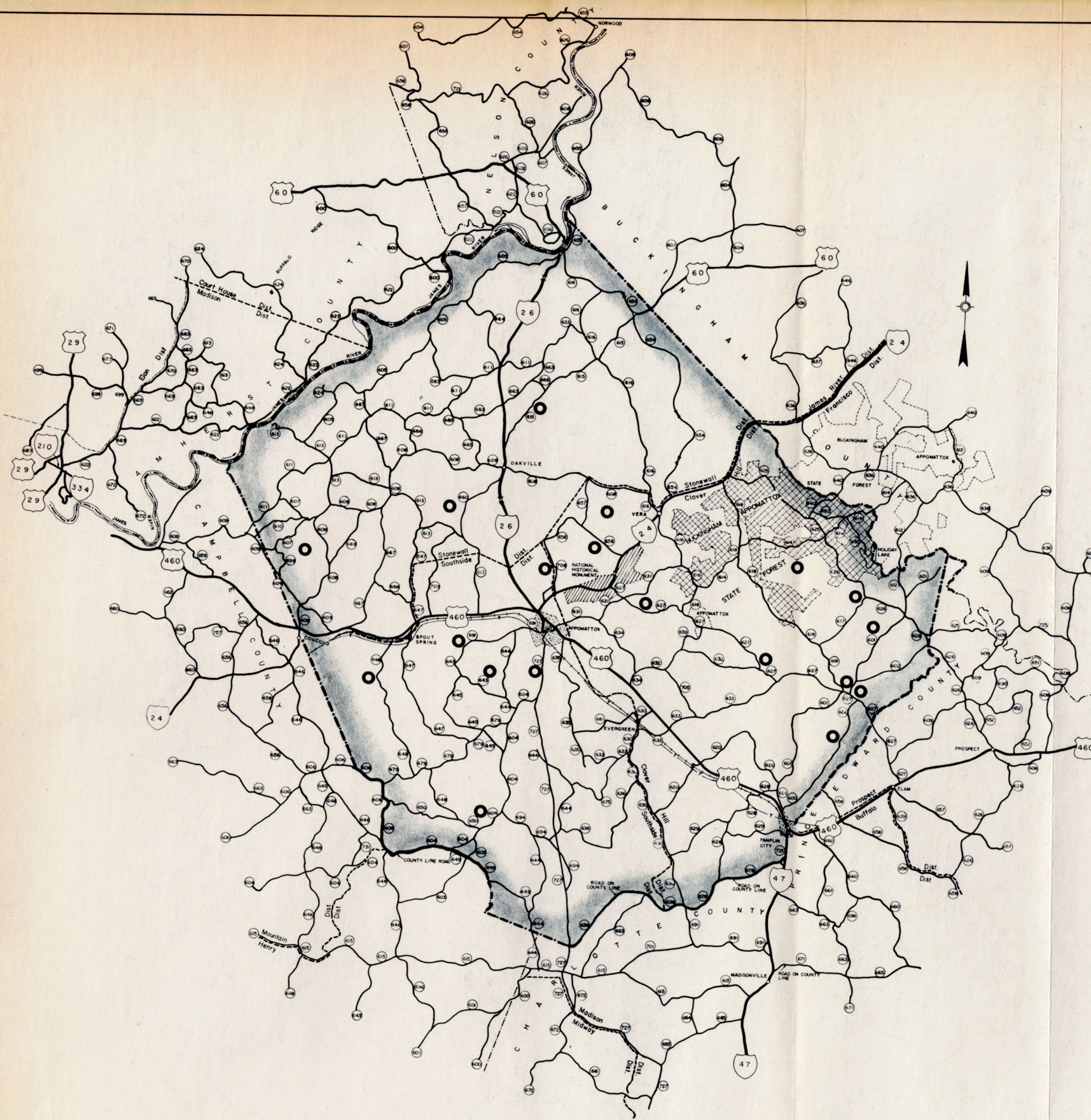


Figure III-5



- LEGEND**
- COUNTY LINE
 - - - DISTRICT LINE
 - ▨ FEDERAL LAND
 - ▩ STATE LAND
 - ▭ PUBLIC LAND
 - N & W RAILROAD
 - DAIRY FARMS
 - T- TRANSMISSION LINE



STATE ROADS IN COUNTY
 50.03 MILES OF PRIMARY (1967)
 393.68 MILES OF SECONDARY (1967)

**MAP
 OF
 APPOMATTOX COUNTY**

SHOWING
 GENERAL AREA AND POLITICAL SUB-
 DIVISIONS, PRESENT LAND USES,
 PRESENT OWNER SHIP AND EXISTING
 TRANSPORTATION FACILITIES.

