REPORT OF THE
VIRGINIA DEPARTMENT OF TRANSPORTATION
IN RESPONSE TO SENATE JOINT RESOLUTION NO. 69 (1992) ON

Administrative and Functional Classification of Virginia's Highways

TO THE GOVERNOR AND
THE GENERAL ASSEMBLY OF VIRGINIA

SENATE DOCUMENT NO. 57

COMMONWEALTH OF VIRGINIA
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1994

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PREFACE

The Virginia Department of Transportation (VDOT), as requested through Senate Joint Resolution (SJR) Number 69 passed by the 1992 Session of the General Assembly, has undertaken this study to examine existing relationships between the administrative and functional classifications of Virginia's roadway system, and develop recommendations for modernizing the two classifications. It was further requested the Department complete its work in time to submit the study's findings and recommendations to the Governor and the 1994 Session of the General Assembly. A copy of the legislation is included in the Appendix.

Responsibility for study development was assigned to the Transportation Planning Division with Mr. Donald H. Wells being the principal author. Messrs. J. Lewis Parsley, Jr. and Walter L. Pribble provided invaluable assistance through preparation of the data tables used in the study.

EXECUTIVE SUMMARY

The origins for both the administrative and functional classification systems are explored, with explanations provided for the evolution of both systems to their current status. Both systems are described relative to categorical stratification, and what is included and excluded from the two respectively. Uses made of each system are described, with a discussion for each use as to the reason for its relationship to either the administrative or functional system. A general discussion is given for procedures used to modernize and update each system.

Comparisons of the two systems show inequalities for the categorical delineation for mileage. Reasons for this occurrence are provided. Differences in the public's understanding of the two systems and the need for data bases to support both systems are also discussed.

Conclusions drawn are the two systems are different, and serve different purposes. Both are needed and efforts need to be made to achieve greater compatibility and efficiency. Toward that end, the Virginia Department of Transportation (VDOT) should integrate the needs for both the administrative and functional classifications into a single data base to serve both systems.

CHAPTER 1

OVERVIEW AND MANDATE

Virginia has had administrative classifications for roadways since 1918, when the Virginia General Assembly approved the establishment of a state system. The secondary system was created as a result of the Byrd Road Act of 1932. Virginia's state system, established in 1918, then officially became the primary system. The Byrd Road Act legislation provided for the creation of a statewide motor fuels tax. A portion of these funds were used for street maintenance assistance payments and construction project allocations in cities and towns, the forerunner of the Commonwealth's urban system. Congress, through the Interstate Highway Act of 1956, established the interstate system, a national system of highways designated to connect major metropolitan areas, cities, and industrial centers, to serve the national defense, and connect with routes of continental importance at suitable border points.

The Federal-Aid Highway Act of 1973 required "...the use of functional highway classification to update and modify the Federal-aid highway systems by July 1, 1976. This legislative requirement is still effective today."[1] Roadway definitions are contained in Highway Functional Classification Concepts, Criteria and Procedures, U.S. Department of Transportation, Federal Highway Administration, revised March 1989. Included are definitions by roadway category for 1) rural areas, and 2) urbanized areas. Small urban areas are basically an adaptation of urbanized areas, and for purposes of this discussion will be included in that category. Definitions of urban areas, small urban areas, urbanized areas, and rural areas are found on page II-7 of the aforementioned reference, and a copy can be found in the Appendix. Both the rural and urbanized (urban) systems contain four basic types of roadway service facilities: principal arterials, minor arterials, collectors (with sub-categories in the rural system of major and minor), and local roads or streets.

A review of definitions for each contained in the March 1989 federal document shows a general compatibility with existing operating conditions on Virginia's roadways. No refinement or revision to the functional classification terminology is considered necessary. The functional classification system for roadways also includes guideline percentages that relate the amount of road mileage and vehicle miles of travel (VMT) for each category. As an example, the rural system principal arterial mileage should include 30-55 per cent and 2-4 per cent of the total rural VMT and mileage, respectively. Criteria for all rural and urbanized (urban) roadway categories can be found in Appendix C. VMT was used as a general guideline for consideration in developing the statewide functional classification system, however the roadway mileage served as the governing criteria for development and approval. Road mileage and VMT for the functional classification system is included, for informational purposes, in Appendix D.

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[1]Highway Functional Classification Manual, U. S. Department of Transportation, Federal Highway Administration, Revised March 1989, Page I-1, 3rd Paragraph, Lines 1-4.

Virginia's administrative system as it exists today was basically established through passage of the Byrd Road Act. The primary intent of this legislation was to provide relief for counties from the burden of roadway construction and maintenance. A delineation between types of roadways was believed necessary. Major travel ways, previously maintained by the Commonwealth prior to this legislation, became the primary system, while the acquired county roads were designated secondary system status. Eventually, funding, design, and maintenance criteria were developed based on the administrative system.

The advent of the interstate system presented change to Virginia's administrative system as it had previously been known. Many routes included in the primary system that had served as major travel ways were superseded by interstate routes constructed parallel to the primary routes. Further changes in service provided by other primary routes occurred due to shifts in travel patterns, whereby travellers desired to alter routings previously used to take advantage of the faster and safer Interstate facilities. Conversely, in many high growth areas, particularly U.S. Bureau of the Census designated urbanized areas, numerous former rural county (secondary) roads became overwhelmed by urban development with a resulting change in the character of travel.

The Federal Highway Administration (FHWA) recognized these national trends and mandated the first Functional Classification Study in 1968. Subsequent refinements and updates have been made since that time, the latest in 1993 as mandated through the Intermodal Surface Transportation Efficiency Act of 1991 (ISTEA) legislation. A functional classification serves to quantify roadways by character of usage rather than administrative system.

An administrative system provides visual recognition to travellers by the numbering system used for interstate, primary, and secondary route designations. The functional classification system utilized in Virginia and approved by FHWA is predicated on nationally recognized and accepted functional usage definitions pertaining to the type of service offered.

The Virginia General Assembly recognized the existence of the dual systems that are somewhat competing and adverse. Through the passage of Senate Joint Resolution (SJR) No. 69 in the 1992 Session, the Virginia Department of Transportation (VDOT) was requested to examine the existing relationships between the two systems and develop recommendations for modernizing both. Study findings are to be presented to the Governor and the 1994 Session of the General Assembly.

CHAPTER 2

ANALYSIS OF VIRGINIA'S ADMINISTRATIVE SYSTEM

The basis for the current administrative system can be traced to the Byrd Road Act of 1932. Initially, the system included approximately 45,000 miles of roadway (8,900 primary, 35,900 secondary, and 200 urban). From those beginnings, mileage has increased by almost 20,000 to 64,900. Today there are 1,100 miles of interstate routes, 8,000 miles of primaries, 45,900 miles of secondaries, and 9,600 miles of urban streets in cities and towns. Small amounts of mileage for toll facilities and frontage roads complete the total. Mileage breakdowns by jurisdiction, VDOT construction districts, and on a statewide basis can be found in the Mileage Tables - State Highway Systems, published annually by VDOT.

VDOT is responsible for maintaining and making necessary improvements to all roadways within the system except for the urban system and toll facilities. For city and town streets that qualify for inclusion within the urban system, VDOT provides maintenance payments annually and construction funds for needed, qualified improvements. Toll facilities generate their own revenue.

Excluded from the administrative system are city and town streets that do not qualify for the urban system, county road mileage in Arlington and Henrico Counties, and federal roads. VDOT does, however, make payments to the two counties to assist in maintaining and improving county roadways. Interstate and primary mileage for the two counties are included in the administrative system and are VDOT's responsibility.

A number of important activities at VDOT are based on the administrative system. One is the development of the annual Six-Year Improvement Program and the corresponding allocation of funds through the state formula. Maintenance needs (including snow removal) that are the responsibility of VDOT are addressed from an administrative system perspective. Most of the data bases developed, updated, and used by the Department are based on the administrative system.

Roadway systems have to be updated and modernized on occasion. Mechanisms are in place to accomplish such for Virginia's administrative system. Interstate mileage is added after approved construction projects on new location are completed. Primary mileage can be altered in several ways. When approved construction projects on new location (mainly bypasses) are completed, the mileage is added to the system. The primary system can also be expanded by transferring qualifying secondary mileage. This is accomplished through the use of Department Policy Memorandum (DPM) Number 8-1, Criteria for Transferring Secondary Roads to the Primary System, revision dated May 6, 1991. A review is formally initiated through a resolution of request submitted by a local governing body. Action must be taken by the Commonwealth Transportation Board (CTB) to approve the transfer.

Secondary system mileage can be upgraded in numerous ways. Additions are usually made through the construction of new roadways (sub-division streets generally) built to state standards. Occasionally mileage is added through the construction of a bypass or a new thoroughfare. Deletions usually occur through enactment of the aforementioned DPM 8-1 or a request for abandonment made generally by a local governing body.

Urban system mileage is added by building new streets (usually in subdivisions) to state standards or upgrading existing facilities to meet these standards. Additional mileage is added through the construction of bypasses and thoroughfares on new alignment. Deletions can be made through a request from a local governing body, or by VDOT,based on periodic reviews made by Department employees.

CHAPTER 3

ANALYSIS OF VIRGINIA'S FUNCTIONAL SYSTEM

Functional classification originated through passage of the Federal-Aid Highway Act of 1973. This legislation required the use of functional highway classification to update and modify the federal-aid highway systems. Periodic updates of the system have been made since the initial effort, the latest being in 1993.

Roadway mileage is classified based on functional usage. There are basically four categories of usage: principal arterials, minor arterials, collector roads, and local roads. The system is further stratified by urban and rural categories. Unlike the administrative system that uses the corporate limits as the boundary for the urban roadway classification, functional classification allows for county road mileage within U.S. Bureau of the Census designated urbanized areas to be included in the urban category. The functional classification system also includes all state and local public road mileage, whether part of the administrative system or not, and a considerable amount of federally-maintained road mileage. For a more comprehensive documentation and explanation of functional classification, a good source document is Highway Functional Classification Concepts, Criteria and Procedures, U.S. Department of Transportation, Federal Highway Administration, revised March 1989.

In delineating the functional classification, guideline percentages for mileage and vehicle miles of travel must be used in determining which of the four categories roadways are to be placed. Virginia's functional delineation of roadway mileage is shown in Appendices E and F. To provide a better basis of comparison with the administrative system, federal road mileage is not included. State and local road mileage for the urban and rural systems combined totals 66,200 miles. Included are 3,800 miles of principal arterials (with interstate mileage), 5,200 miles of minor arterials, 14,000 miles of collector roads, and 43,100 miles of local roads.

Several important uses of functional classification are made by VDOT. Standards used in roadway design are based on functional criteria, maintenance payments made to cities and towns for qualifying streets are based on functional usage, and federal allocations of roadway funds to the Commonwealth are based on functional classification.

Updates of the functional classification system are usually made decennially after publication of the U.S. Census, which includes adjustments of urbanized area boundaries. Intermittent, smaller updates and adjustments are also made. The latest update was mandated by ISTEA legislation.

CHAPTER 4

COMPARISON OF THE TWO CLASSIFICATIONS

One basis for comparison is the classification of road mileage between the two systems. Data tables for Virginia's rural and urban functional system mileages are incorporated into this report as Appendices E and F respectively. Road mileage is categorized within each jurisdiction by administrative classification. Each administrative classification is then further stratified by functional classification. Several summaries of interest were derived from this data.

For the Rural Functional Classification System:

1. There are 724 miles of interstate route. All of this mileage is included in the principal arterial category.

2. Primary mileage now totals 7,129 miles. Two-thirds of this amount (4,748 miles) is functionally classified as arterial mileage, either principal or minor. The remaining one-third (2,381 miles) is functionally classified as collector, with virtually the entire amount included in the major collector subcategory.

3. The 41,190 miles of secondary roadway include only 28 miles (0.07 per cent) of arterial roadway, and 9,799 miles (23.79 per cent) of collector roadway. Remaining secondary mileage functionally classified as local is 31,362.

For the urban functional classification system:

1. There are 380 miles of interstate, all classified as principal arterial. In U.S. Bureau of the Census designated urbanized areas, road mileage in counties surrounding the central city or cities is incorporated into the urban functional classification system if the mileage is included within the urbanized area boundary. Of the 380 miles in urban interstate mileage, 202 miles are located in counties.

2. Primary and primary extension mileage accounts for 1,904 miles, 96% of which is functionally classified as principal or minor arterial. The remainder is collector mileage. The 1,904 total miles include 675 miles in counties that are part of an urbanized area(s).

3. "Other" city streets and secondary routes total 14,926 miles of roadway. Included are 60 miles (0.40 per cent) of principal arterials, 1,302 miles (8.72 per cent) of minor arterials, 1,763 miles (11.81 per cent) collector mileage, and 11,801 miles (79.07 per cent) local roadways. Secondary routes in counties account for 6,342 miles of the total 14,926 miles.

4. For the 83 miles of primary and primary extension roadway functionally classified as collectors, 67 miles is located within urbanized areas, with 54 of those miles within the three large urbanized areas (Northern Virginia, Hampton Roads, and Richmond).

5. The 60 miles of "Other" city streets and secondary routes classified as principal arterials includes 54 miles within urbanized areas, with 51 of those miles in the three large urbanized areas.

Federally-maintained roadways and proposed new roadways scheduled for construction but not open to the public, while a part of the official functional classification submittal to the Federal Highway Administration in 1993, were not included in data summaries and analysis for this report in order to provide a better basis for comparison.

A basic difference in development of the two systems accounts for much of the variance in any mileage comparison. In formulating the functional system, guideline percentages for road mileage and VMT of the state totals must be used in classifying roadways into one of the four categories: principal arterial, minor arterial, collector, or local facility. The administrative system has no limiting factor for any sub-stratification - interstate (other than federal limitations), primaries, secondaries, or urban facilities. Inequities in mileage comparisons can also be attributed to differences in definitions. For the functional classification, county road mileage within the urbanized area boundary is classified as urban. In the administrative system, the corporate limits serve as the urban boundary.

Due to long-standing usage in signing for roadways, the administrative classification is far better understood by the general public than functional classification. Virginia's functional system does, however, provide greater insight as to the type of travel service each roadway is providing. This served to establish functional criteria as the basis for roadway design standards.

The findings of the SJR 188 study, published in March 1993, concluded the allocation of the Transportation Trust Funds can best be accomplished in Virginia by using the administrative system as the basis for distribution. FHWA road improvement fund distribution to states, however, is primarily based on functional usage.

VDOT's data bases are usually formulated based on the administrative system, but federal reporting requirements are generally based on the functional system. This has, in the past, often required major work efforts to reformat data.

CHAPTER 5

CONCLUSIONS

Based on earlier discussions in this report, it can be recognized that significant differences exist between the two classification systems. Much of this can be attributed to the differing reasons for developing each system, how the systems evolved, and the differing uses made of each.

For reasons previously stated, dual classifications will likely continue. Significant opportunities do exist, however, to make the systems more compatible. Data bases have previously been developed in different formats because they serve different needs and respond to different requirements. Aligning formats where compatibility permits could be beneficial to the Commonwealth.

Most data bases used by VDOT are maintained on an administrative basis. Significant reporting requirements must be met that are based either on the administrative or functional classifications. It is suggested a single data base be maintained that responds to the needs of both systems by showing both roadway classifications on data entered for every purpose, and for every road segment. This would involve some work and agreement on what the termini for each roadway segment should be.

Every effort should be made to insure the two systems become compatible to the maximum extent possible. This will lead ultimately to great savings in time and effort, the development of an improved approach for dealing with transportation issues, and an improved understanding for transportation professionals, others who are involved with transportation issues, and the general public. Action taken relative to the aforementioned suggestion could enhance these benefits.

APPENDICES

APPENDIX A

SENATE JOINT RESOLUTION NO. 69

Requesting the Virginia Department of Transportation to study the administrative and functional classification of Virginia's highways.

Agreed to by the Senate, February 11, 1992
Agreed to by the House of Delegates, February 21, 1992

WHEREAS, Virginia's highways are grouped into several systems: the interstate system, the primary system (including the arterial network), the secondary system, and the urban system; and

WHEREAS, within some of these systems, highways are grouped into other categories such as principal and minor arterial roads, collector roads, subdivision streets, rural additions, gated roads, and nonsurface treated roads; and

WHEREAS, the manner in which any given highway is classified may have a significant impact on its funding or priority for construction, reconstruction, maintenance, or replacement; and

WHEREAS, the classification of highways is determined administratively, affected only marginally by a very few statutes; and

WHEREAS, in order to ensure the adequacy, efficiency, and safety of Virginia's highways, it is highly desirable that both these classifications themselves and the standards and methods used in assigning classifications to particular highways be objective, reasonable, fair, rational, reflective of modern engineering practices, and appropriate to Virginia's current transportation needs; now, therefore, be it

RESOLVED by the Senate, the House of Delegates concurring, That the Virginia Department of Transportation be requested to study and develop recommendations for modernizing the administrative and functional classification of Virginia's highways.

The Department shall complete its work in time to submit its findings and recommendations to the Governor and the 1994 Session of the General Assembly as provided in the procedures of the Division of Legislative Automated Systems for processing legislative documents.

APPENDIX B

Urban areas are defined in Federal-aid highway law (Section 101 of Title 23, U.S. Code) as follows:

> "The term 'urban area' means an urbanized area or, in the case of an urbanized area encompassing more than one State, that part of the urbanized area in each such State, or an urban place as designated by the Bureau of the Census having a population of five thousand or more and not within any urbanized area, within boundaries to be fixed by responsible State and local officials in cooperation with each other, subject to approval by the Secretary. Such boundaries shall, as a minimum, encompass the entire urban place designated by the Bureau of the Census."

For clarity and simplicity this reference manual will use the following terminology, which is consistent with the above definition.

Small urban areas are those urban places, as designated by the Bureau of the Census having a population of five thousand (5,000) or more and not within any urbanized area.

Urbanized areas are designated as such by the Bureau of the Census.

Rural areas comprise the areas outside the boundaries of small urban and urbanized areas, as defined above.

APPENDIX C

Guidelines on extent of rural functional systems

Systems	Range (percent)	
	VMT	Miles
Principal arterial system	30 – 55	2 – 4
Principal arterial plus minor arterial road systems	45 – 75	6 – 12*
Collector road system	20 – 35	20 – 25
Local road system	5 – 20	65 – 75

* With most States falling in the 7 – 10 percent range.

Guidelines on extent of urban functional systems

Systems	Range (percent)	
	VMT	Miles
Principal arterial system	40 – 65	5 – 10
Principal arterial plus minor arterial road systems	65 – 80	15 – 25
Collector road system	5 – 10	5 – 10
Local road system	10 – 30	65 – 80

APPENDIX D

FUNCTIONAL CLASSIFICATION MILEAGE & VMT

RURAL

TOTAL RURAL		INTER-STATE	OTHER PRINCIPAL ARTERIALS	MINOR ARTERIALS	MAJOR COLLECTORS	MINOR COLLECTORS	LOCAL	TOTAL
ACCOMAC CO	R							
	MILES		37.21		159.16	18.29	438.49	653.15
	VMT		506180		287,857	11,390	131,500	936,927
ALBEMARLE CO	R							
	MILES	26.01	20.73	55.92	183.02	25.48	454.91	766.07
	VMT	597,672	296,449	378,123	437,012	19,556	100,080	1,828,892
ALLEGHANY CO	R							
	MILES	38.04	2.50	17.10	105.93	3.79	223.77	391.13
	VMT	418,440	19,955	70,141	138,011	1,289	58,451	706,287
AMELIA CO	R							
	MILES		17.82		83.91	25.10	267.41	394.24
	VMT		218,898		113,047	11,239	63,134	406,318
AMHERST CO	R							
	MILES		14.41	58.69	98.50	27.53	329.27	533.40
	VMT		193,234	112,548	78,404	8,471	23,377	416,034
APPOMATTOX CO	R							
	MILES		16.75	27.11	86.96	44.69	301.10	476.61
	VMT		192,585	75,396	147,314	15,990	63,231	494,516
AUGUSTA CO	R							
	MILES	41.41		95.84	233.23	104.24	680.37	1155.09
	VMT	1,077,409		419,105	525,813	64,510	67,357	2,154,194
BATH CO	R							
	MILES			74.80	49.75	26.38	166.49	317.42
	VMT			136,278	26,352	6,745	24,974	194,349
BEDFORD CO	R							
	MILES		26.90	75.95	195.95	35.16	686.14	1020.1
	VMT		387,066	318,303	252,955	28,181	62,438	1,048,943
BLAND CO	R							
	MILES	21.69		14.20	79.04		195.17	310.1
	VMT	349,101		23,380	64,852		24,396	461,729
BOTETOURT CO	R							
	MILES	23.92	36.83	0	98.52	21.78	441.34	747.04
	VMT	538,200	351,235	0	175,882	15,102	115,139	1,195,558
BRUNSWICK CO	R							
	MILES	20.77	23.25	24.90	166.52	33.98	427.07	696.49
	VMT	344,595	266,631	87,572	182,618	10,284	70,467	962,167
BUCHANAN CO	R							
	MILES		34.78	20.31	138.73	8.01	329.50	531.33
	VMT		324,746	62,163	271,241	9,403	118,029	785,582
BUCKINGHAM CO	R							
	MILES			85.87	96.13	31.84	447.87	661.71
	VMT			347,625	53,466	9,797	51,505	462,393

FUNCTIONAL CLASSIFICATION MILEAGE & VMT

RURAL

		INTER-STATE	OTHER PRINCIPAL ARTERIALS	MINOR ARTERIALS	MAJOR COLLECTORS	MINOR COLLECTORS	LOCAL	TOTAL
CAMPBELL CO	R							
	MILES		23.99	45.09	158.54	23.07	438.65	689.34
	VMT		341,383	194,571	213,555	17,355	108,785	875,649
CAROLINE CO	R							
	MILES	15.54	41.07	37.26	112.06	31.03	341.88	578.84
	VMT	787,256	229,243	169,140	183,847	13,223	108,762	1,491,471
CARROLL CO	R							
	MILES	24.29		48.05	173.95	41.39	647.76	935.44
	VMT	512,937		229,146	184,520	15,045	108,824	1,050,472
CHARLES CITY CO	R							
	MILES			34.24	24.16	15.62	105.39	179.41
	VMT			82,000	35,000	15,000	39,000	171,000
CHARLOTTE CO	R							
	MILES		24.00	39.69	119.01	13.88	394.53	591.11
	VMT		126,850	83,259	171,123	5,548	49,888	436,668
CHESTERFIELD CO	R							
	MILES		10.14	23.73	77.07		224.71	335.65
	VMT		51,524	112,952	91,000		107,000	362,476
CLARKE CO	R							
	MILES		17.64	24.58	38.50	26.81	151.23	258.76
	VMT		152,202	174,878	58,510	18,037	43,101	446,728
CRAIG CO	R							
	MILES				70.89		169.21	240.10
	VMT				94,568		44,164	138,732
CULPEPER CO	R							
	MILES		23.72	51.22	91.43	21.83	329.59	517.79
	VMT		266,891	256,084	101,144	11,730	100,058	735,907
CUMBERLAND CO	R							
	MILES			28.95	61.64	10.93	242.41	343.93
	VMT			97,877	50,171	5,640	27,877	181,565
DICKINSON CO	R							
	MILES			38.03	121.37	13.15	306.46	479.01
	VMT			142,014	153,253	5,115	55,469	355,851
DINWIDDIE CO	R							
	MILES	19.04	19.88	27.93	108.73	43.00	361.83	580.41
	VMT	312,000	277,000	38,000	149,000	16,000	85,000	877,000
ESSEX CO	R							
	MILES		43.55		63.79	19.89	181.39	308.62
	VMT		293,752		52,600	5,963	48,794	401,109
FAUQUIER CO	R							
	MILES	21.93	54.06	22.48	169.14	60.37	570.08	898.06
	VMT	424,126	801,532	135,604	391,309	32,322	108,248	1,893,141

FUNCTIONAL CLASSIFICATION MILEAGE & VMT

RURAL

		INTER-STATE	OTHER PRINCIPAL ARTERIALS	MINOR ARTERIALS	MAJOR COLLECTORS	MINOR COLLECTORS	LOCAL	TOTAL
FLOYD CO	R							
	MILES			54.81	103.32	37.64	480.24	676.01
	VMT			166,300	55,966	10,755	125,343	358,364
FLUVANNA CO	R							
	MILES	1.51		42.36	63.94	20.26	211.89	339.98
	VMT	29,789		132,232	83,312	8,300	38,776	292,409
FRANKLIN CO	R							
	MILES		27.65	42.93	208.90	60.77	771.65	1111.90
	VMT		408,308	291,800	244,876	54,056	162,047	1,161,087
FREDERICK CO	R							
	MILES	23.91	36.76	32.74	92.09	47.73	435.92	671.15
	VMT	630,029	293,732	363,982	260,053	50,273	169,573	1,767,642
GILES CO	R							
	MILES		28.13	13.23	78.21	11.92	271.77	403.26
	VMT		244,731	62,403	84,725	2,973	70,932	465,764
GLOUCESTER CO	R							
	MILES		20.59	22.88	48.19	21.13	259.78	372.57
	VMT		218,073	146,414	90,952	33,469	55,144	544,052
GOOCHLAND CO	R							
	MILES	23.38		8.4[illegible]	94.76	26.93	240.51	394.00
	VMT	401,000	0	49,00[illegible]	237,732	22,000	93,000	802,732
GRAYSON CO	R							
	MILES			86.71	134.45	32.85	513.25	767.26
	VMT			174,746	72,016	7,173	65,593	319,528
GREENE CO	R							
	MILES		21.49	5.65	22.67	20.73	137.26	207.8
	VMT		170,697	20,085	31,046	11,611	29,236	262,675
GREENSVILLE CO	R							
	MILES	15.47	7.84		76.45	26.17	209.68	335.61
	VMT	316,000	75,000		97,000	18,000	41,000	547,000
HALIFAX CO	R							
	MILES		45.66	68.71	239.35	46.97	593.09	993.78
	VMT		346,745	346,910	239,305	15,122	84,219	1,032,301
HANOVER CO	R							
	MILES	14.76	7.71	46.60	102.72	86.99	401.15	659.93
	VMT	966,000	86,000	288,000	362,000	76,000	165,382	1,943,382
HENRICO CO	R							
	MILES	1.80			3.57	4.45	25.81	35.63
	VMT	64,000			20,000	4,000	9,000	97,000
HENRY CO	R							
	MILES		36.24	51.12	151.59	42.10	450.82	731.87
	VMT		393,565	536,040	300,263	59,030	212,196	1,501,094

FUNCTIONAL CLASSIFICATION MILEAGE & VMT

RURAL

		INTER-STATE	OTHER PRINCIPAL ARTERIALS	MINOR ARTERIALS	MAJOR COLLECTORS	MINOR COLLECTORS	LOCAL	TOTAL
HIGHLAND CO	R							
	MILES			56.26	47.88	6.13	174.16	284.43
	VMT			70,734	16,765	692	20,202	108,393
ISLE OF WIGHT CO	R							
	MILES		19.19	42.87	79.84	40.60	318.45	500.95
	VMT		296,877	254,489	105,888	13,588	103,390	774,232
JAMES CITY CO	R							
	MILES	8.70		14.11	24.21	14.24	125.42	186.68
	VMT	255,814		133,619	70,599	16,926	37,124	514,082
KING GEORGE CO	R							
	MILES		17.06	36.49	62.31	1.40	130.30	247.56
	VMT		179,983	208,144	107,261	896	19,545	515,829
KING WILLIAM CO	R							
	MILES		8.43	37.39	71.44	23.59	169.98	310.83
	VMT		55,082	124,478	38,794	6,621	39,034	264,009
KING & QUEEN CO	R							
	MILES		9.20	42.79	78.03	18.29	197.28	345.59
	VMT		37,359	121,008	42,256	4,144	17,163	221,930
LANCASTER CO	R							
	MILES			30.21	66.02	8.14	160.59	264.96
	VMT			133,636	82,166	4,659	31,366	251,827
LEE CO	R							
	MILES		5.33	80.02	124.30	27.40	436.97	674.02
	VMT		41,459	312,933	98,052	6,619	72,013	531,076
LOUDOUN CO	R							
	MILES		32.55	51.42	167.05	39.34	466.16	756.52
	VMT		227,520	429,631	327,471	13,682	73,029	1,071,332
LOUISA CO	R							
	MILES	19.87		82.25	107.72	35.34	388.40	633.58
	VMT	325,758		257,460	154,727	16,436	40,782	795,163
LUNENBURG CO	R							
	MILES			38.86	95.18	34.55	397.89	566.48
	VMT			148,024	105,800	9,764	30,240	293,828
MADISON CO	R							
	MILES		16.64	45.40	34.15	22.68	247.93	366.80
	VMT		189,076	142,442	37,719	6,977	55,545	431,759
MATHEWS CO	R							
	MILES			30.57	38.99	9.92	92.85	172.33
	VMT			193,799	49,004	13,185	13,185	269,173
MECKLENBURG CO	R							
	MILES	16.52	38.00	52.82	184.48	32.50	560.09	884.41
	VMT	316,193	227,373	186,992	206,388	7,279	85,134	1,029,359

FUNCTIONAL CLASSIFICATION MILEAGE & VMT

RURAL

		INTER-STATE	OTHER PRINCIPAL ARTERIALS	MINOR ARTERIALS	MAJOR COLLECTORS	MINOR COLLECTORS	LOCAL	TOTAL
MIDDLESEX CO	R							
	MILES		14.46	21.01	46.27	7.23	113.54	202.51
	VMT		72,419	140,332	101,388	4,176	19,085	337,400
MONTGOMERY CO	R							
	MILES	20.94	7.17	21.98	111.91	12.93	330.86	505.79
	VMT	565,380	97,768	170,190	232,630	16,059	86,355	1,168,382
NELSON CO	R							
	MILES	1.36	21.46	43.65	83.99	31.43	394.05	575.94
	VMT	23,789	184,771	133,955	97,395	9,058	37,435	486,403
NEW KENT CO	R							
	MILES	20.07		11.54	61.72	7.91	180.07	281.31
	VMT	615,000		67,000	207,000	4,000	53,000	946,000
NORTHAMPTON CO	R							
	MILES		49.85		57.41	13.35	176.48	297.09
	VMT		435,580		80,819	8,430	52,750	577,579
NORTHUMBERLAND COR								
	MILES		23.42	13.70	68.52	12.60	240.08	358.32
	VMT		104,777	45,929	60,070	4,969	33,327	249,072
NOTTOWAY CO	R							
	MILES		37.20	13.54	90.98	19.30	229.34	390.36
	VMT		368,964	49,101	118,581	7,325	53,049	597,020
ORANGE CO	R							
	MILES			69.80	64.91	30.12	251.00	415.83
	VMT			311,943	92,440	14,424	45,180	463,987
PAGE CO	R							
	MILES		16.49	25.15	49.38	25.12	239.98	356.12
	VMT		58,132	92,652	95,086	21,187	60,863	327,920
PATRICK CO	R							
	MILES			68.54	135.02	34.20	483.48	721.24
	VMT			229,191	101,760	12,140	65,270	408,361
PITTSYLVANIA CO	R							
	MILES		48.92	83.23	264.34	109.80	1051.28	1557.57
	VMT		372,382	282,734	336,016	58,925	392,621	1,442,678
POWHATAN CO	R							
	MILES			30.32	55.00	25.03	172.72	283.07
	VMT		0	215,000	116,000	17,000	40,000	388,000
PRINCE EDWARD CO	R							
	MILES		45.61	17.57	86.04	36.05	292.78	478.05
	VMT		236,709	95,861	72,651	12,556	14,639	432,416
PRINCE GEORGE CO	R							
	MILES	11.41	9.30	27.27	55.84	26.56	148.04	278.42
	VMT	292,000	93,000	104,986	82,000	13,000	28,000	612,986

FUNCTIONAL CLASSIFICATION MILEAGE & VMT

RURAL

		INTER-STATE	OTHER PRINCIPAL ARTERIALS	MINOR ARTERIALS	MAJOR COLLECTORS	MINOR COLLECTORS	LOCAL	TOTAL
PRINCE WILLIAM CO	R							
	MILES	19.30	19.83	29.70	92.49	18.40	293.62	473.34
	VMT	873,151	476,753	198,542	527,626	25,671	59,273	2,161,016
PULASKI CO	R							
	MILES	17.54		29.62	88.00	8.44	290.78	434.38
	VMT	420,960		371,941	148,488	4,169	75,893	1,021,451
RAPPAHANNOCK CO	R							
	MILES		24.35	27.60	24.32	20.17	178.98	275.42
	VMT		118,537	83,624	19,197	8,165	19,688	249,211
RICHMOND CO	R							
	MILES		15.11	18.22	46.23	14.27	145.73	239.56
	VMT		101,320	68,457	25,722	5,445	25,503	226,447
ROANOKE CO	R							
	MILES	3.93	6.32	11.25	44.03	2.99	193.19	261.71
	VMT	125,719	129,592	71,938	133,228	1,221	50,422	512,120
ROCKBRIDGE CO	R							
	MILES	47.97		38.90	165.89	42.12	484.15	779.03
	VMT	875,631		215,164	230,880	13,872	86,179	1,421,726
ROCKINGHAM CO	R							
	MILES	20.66	19.68	90.05	238.88	68.34	620.26	1057.87
	VMT	521,741	181,408	428,445	433,723	40,307	100,482	1,706,106
RUSSELL CO	R							
	MILES		41.21	27.05	139.75	28.91	422.18	659.10
	VMT		331,235	98,616	210,479	13,471	95,831	749,632
SCOTT CO	R							
	MILES		18.28	38.27	151.69	32.32	548.76	789.40
	VMT		149,223	107,017	124,905	14,029	102,192	497,365
SHENANDOAH CO	R							
	MILES	33.32	12.99	1.44	178.96	24.81	521.75	773.27
	VMT	682,393	29,076	26,530	369,700	13,296	150,264	1,271,259
SMYTH CO	R							
	MILES	22.19		15.13	134.95	21.82	351.19	545.28
	VMT	470,518		36,374	226,183	16,009	68,833	817,917
SOUTHAMPTON CO	R							
	MILES		42.56	24.63	152.45	48.33	499.59	767.56
	VMT		321,703	74,317	193,170	19,103	173,600	781,893
SPOTSYLVANIA CO	R							
	MILES	9.32	8.36	37.31	126.82	18.35	329.09	529.169
	VMT	432,914	44,191	161,720	326,127	11,083	302,688	1,278,723
STAFFORD CO	R							
	MILES	14.51	10.03	16.33	86.01	12.05	225.44	364.37
	VMT	1,177,196	104,914	274,024	375,396	18,182	87,922	2,037,634

FUNCTIONAL CLASSIFICATION MILEAGE & VMT

RURAL

		INTER-STATE	OTHER PRINCIPAL ARTERIALS	MINOR ARTERIALS	MAJOR COLLECTORS	MINOR COLLECTORS	LOCAL	TOTAL
SURRY CO	R							
	MILES			33.28	58.62	14.85	192.57	299.32
	VMT			78,000	75,000	5,000	33,000	191,000
SUSSEX CO	R							
	MILES	17.60	16.76	47.50	115.22	31.03	344.91	573.02
	VMT	420,000	132,000	109,000	77,000	14,000	61,000	813,000
TAZEWELL CO	R							
	MILES		44.41	9.94	131.27	23.40	362.90	571.92
	VMT		506,097	46,324	243,934	14,878	89,483	900,716
WARREN CO	R							
	MILES	15.95	0.89	20.78	51.43	18.61	141.44	249.10
	VMT	229,372	15,771	141,721	103,036	11,567	30,410	531,877
WASHINGTON CO	R							
	MILES	19.93	10.23	27.35	141.46	18.04	540.34	758.35
	VMT	489,330	85,558	74,010	216,165	12,365	196,809	1,074,238
WESTMORELAND CO	R							
	MILES			58.53	78.44	10.28	256.37	403.62
	VMT			194,637	50,041	4,104	45,136	293,918
WISE CO	R							
	MILES		45.87	7.12	132.76	15.98	247.90	449.63
	VMT		365,838	48,447	372,800	17,600	92,589	897,274
WYTHE CO	R							
	MILES	37.21		16.90	129.20	13.64	420.44	617.39
	VMT	794,097		37,833	183,341	6,514	69,793	1,091,578
YORK CO	R							
	MILES	6.34		1.98	5.10		34.56	47.98
	VMT	252,586		18,748	14,706		15,803	301,843
ALTAVISTA	R							
	MILES				4.02	11.48	17.71	33.21
	VMT				28,082	19,861	1,771	49,714
BIG STONE GAP	R							
	MILES			2.73	3.14	1.27	21.21	28.62
	VMT			22,505	25,873	2,688	7,551	58,617
BLACKSTONE	R							
	MILES			2.60	2.61	2.27	20.59	28.07
	VMT			14,901	7,544	2,958	2,059	27,462
BRIDGEWATER	R							
	MILES			1.75	2.04		11.11	14.90
	VMT			13,271	6,118		2,222	21,611
CHASE CITY	R							
	MILES			3.85	1.03	3.07	13.13	21.08
	VMT			24,073	2,332	3,999	2,626	33,030

FUNCTIONAL CLASSIFICATION MILEAGE & VMT

RURAL

		INTER-STATE	OTHER PRINCIPAL ARTERIALS	MINOR ARTERIALS	MAJOR COLLECTORS	MINOR COLLECTORS	LOCAL	TOTAL
CHINCOTEAGUE	R							
	MILES				3.41	4.28	16.11	23.80
	VMT				23,911	23,911	4,800	52,622
CLIFTON FORGE	R							
	MILES	1.55		3.26	3.59		14.03	22.43
	VMT	24,583		26,047	6,048		3,662	60,340
COLLINSVILLE CDP	R							
	MILES				0.70			0.70
	VMT				3,259			3,259
ELKTON	R							
	MILES		0.69	0.89	2.06		11.43	15.07
	VMT		3,833	7,702	8,815		2,286	22,636
GROTTOES	R							
	MILES			2.06	1.84	0.46	14.14	18.50
	VMT			8,093	3,395	438	2,828	14,754
LEBANON	R							
	MILES		2.24	5.26	1.64		19.51	28.65
	VMT		225,837	39,379	2,767		4,273	272,256
LURAY	R							
	MILES		2.27	0.26	8.52	1.95	21.37	34.37
	VMT		9,210	1,809	50,845	2,368	5,257	69,489
NARROWS	R							
	MILES		1.36		2.39		13.07	16.82
	VMT		13,355		6,305		3,411	23,071
NORTON	R							
	MILES		3.05	0.68	9.05		17.90	30.68
	VMT		24,476	16,663	58,998		6,812	106,949
ORANGE	R							
	MILES			3.69	5.82		14.52	24.03
	VMT			16,663	58,998		6,766	82,427
PEARISBURG	R							
	MILES		0.12	1.11	2.63		9.68	13.54
	VMT		1,592	5,468	10,891		2,526	20,477
RICHLANDS	R							
	MILES		2.52	2.86	1.97		17.64	24.99
	VMT		41,845	32,782	11,531		4,622	90,780
ROCKY MOUNT	R							
	MILES			2.29	5.66	3.47	15.89	27.31
	VMT			25,992	26,019	6,964	18,035	77,010
SALTVILLE	R							
	MILES				9.91		11.56	21.47
	VMT				29,970		2,335	32,305

FUNCTIONAL CLASSIFICATION MILEAGE & VMT

RURAL

		INTER-STATE	OTHER PRINCIPAL ARTERIALS	MINOR ARTERIALS	MAJOR COLLECTORS	MINOR COLLECTORS	LOCAL	TOTAL
SMITHFIELD	R							
	MILES			4.15	5.84		18.63	28.62
	VMT			48,020	48,000		9,300	105,320
SOUTH HILL	R							
	MILES	3.00	4.03	1.25	7.08	4.92	22.80	43.08
	VMT	65,007	45,503	6,075	26,314	4,898	4,560	152,357
STRASBURG	R							
	MILES				6.89	1.85	18.04	26.78
	VMT				25,758	1,254	4,781	31,793
SUFFOLK/NANSEMOND	R							
	MILES		28.29	9.80	35.36	44.48	223.16	341.09
			300,820	29,520	33,260	19,400	200,100	583,100
TAZEWELL	R							
	MILES		0.99	0.82	9.07		9.31	20.19
	VMT		7,094	5,349	58,468		2,430	73,341
WARRENTON	R							
	MILES		2.96	3.30	6.77	1.19	18.91	33.13
	VMT		34,580	65,272	44,116	1,143	27,270	172,381
WISE	R							
	MILES		1.86		6.35		9.73	17.94
	VMT		27,773		48,716		3,853	80,342
WOODSTOCK	R							
	MILES	1.79			7.45	3.14	12.73	25.11
	VMT	45,350			51,432	4,309	3,373	104,464
TOTAL RURAL								
	MILES	**724.45**	**1,530.84**	**3,218.35**	**9,669.58**	**2,510.63**	**31,287.06**	**48,940.91**
	VMT	**18,063,096**	**14,642,570**	**14,355,346**	**15,489,008**	**1,454,656**	**7,322,115**	**71,326,731**

FUNCTIONAL CLASSIFICATION MILEAGE & VMT

URBAN

TOTAL URBAN		INTER-STATE	OTHER FREEWAYS EXPRESSWAYS	OTHER PRINCIPAL ARTERIALS	MINOR ARTERIAL	COLLECTORS	LOCAL	TOTAL
ABINGDON	U							
	MILES	1.20		3.76	4.39	4.88	37.92	52.15
	VMT	32,035		49,892	53,537	31,126	20,363	186,953
ASHLAND	U							
	MILES				8.00	3.07	25.01	36.08
	VMT				66,000	3,000	17,000	86,000
AQUIA HARBOR CDP	U							
	MILES				2.90	1.30	3.21	7.41
	VMT				59,479	2,119	482	62,080
BEDFORD	U							
	MILES		2.88	5.34	1.56	8.59	22.10	40.47
	VMT		31,726	38,712	3,932	16,386	2,210	92,966
BLACKSBURG	U							
	MILES		6.73	6.52	8.51	6.25	66.57	94.58
	VMT		94,220	108,000	94,737	18,691	54,787	370,435
BLUEFIELD	U							
	MILES		3.59		4.71	5.96	13.76	28.02
	VMT		37,652		36,263	28,439	4,500	106,854
BUENA VISTA	U							
	MILES			5.12	1.13	7.36	29.89	43.50
	VMT			44,581	3,865	10,697	7,473	66,616
CHRISTIANSBURG	U							
	MILES	4.67	0.62	9.51	5.05	6.57	69.34	95.76
	VMT	103,837	7,871	198,754	24,297	35,256	57,067	427,082
COLLINSVILLE CDP	U							
	MILES				5.76	2.50	27.23	35.49
	VMT				75,412	519	19,524	95,455
COVINGTON	U							
	MILES	1.40		3.16	2.19	4.03	28.46	39.24
	VMT	14,000		31,532	9,279	9,280	23,422	87,513
CULPEPER	U							
	MILES			4.70	6.80	3.61	25.36	40.47
	VMT			66,009	94,762	9,353	64,161	234,285
EMPORIA	U							
	MILES	1.67	2.74	0.90	7.32	6.65	18.06	37.34
	VMT	33,000	53,000	17,667	51,000	12,000	7,000	173,667
FARMVILLE	U							
	MILES			2.94	4.96	6.49	22.07	36.46
	VMT			28,776	33,216	16,294	2,207	80,493
FRANKLIN	U							
	MILES			3.05	13.88	4.78	23.05	44.76
	VMT			18,379	79,013	7,410	11,530	116,332
FRONT ROYAL	U							
	MILES			6.20	5.27	6.12	45.93	63.52
	VMT			94,000	25,459	19,888	77,989	217,336
GALAX	U							
	MILES			7.98	5.28	7.96	36.17	57.39
	VMT			98,341	27,738	22,296	12,515	160,890
HARRISONBURG	U							
	MILES	6.44		9.75	14.00	25.56	78.04	133.79
	VMT	184,776		150,646	149,323	110,731	27,314	622,790
LEESBURG	U							
	MILES			8.58	7.87	12.53	70.79	99.77
	VMT			92,232	99,167	19,509	22,179	233,087
LEXINGTON	U							
	MILES			5.18	1.02	5.13	16.47	27.80
	VMT			35,025	3,506	8,761	4,529	51,821

FUNCTIONAL CLASSIFICATION MILEAGE & VMT

URBAN

		INTER-STATE	OTHER FREEWAYS EXPRESSWAYS	OTHER PRINCIPAL ARTERIALS	MINOR ARTERIAL	COLLECTORS	LOCAL	TOTAL
MARION	U							
	MILES	1.17			5.58	5.36	25.10	37.21
	VMT	24,025			60,402	10,927	9,613	104,967
MARTINSVILLE	U							
	MILES			7.66	14.03	9.79	66.62	98.10
	VMT			113,311	114,271	39,296	54,828	321,706
PULASKI	U							
	MILES			6.67	10.36	4.46	45.98	67.47
	VMT			62,685	39,727	10,835	37,842	151,089
QUANTICO STATION	U							
	MILES			1.31	0.56	1.11	5.79	8.77
	VMT			25,841	9,087	6,290	2,338	43,556
RADFORD	U							
	MILES			8.59	9.09	4.05	47.87	69.60
	VMT			75,200	28,578	8,001	39,397	151,176
SOUTH BOSTON	U							
	MILES			4.26	8.71	4.12	33.31	50.4
	VMT			47,077	53,747	6,026	6,724	113,574
STAUNTON	U							
	MILES			5.90	23.39	17.16	77.93	124.38
	VMT			83,856	186,362	62,795	23,379	356,392
STUARTS DRAFT CDP	U							
	MILES				3.55	7.24	16.90	27.69
	VMT				22,099	27,721	5,070	54,890
WAYNESBORO	U							
	MILES	2.88		8.51	9.98	18.16	69.61	109.14
	VMT	48,614		98,029	93,097	66,944	20,883	327,567
WINCHESTER	U							
	MILES			5.45	12.06	13.04	59.39	89.94
	VMT			89,110	161,204	81,524	75,247	407,085
WYTHEVILLE	U							
	MILES	7.05		3.88	8.18	14.62	50.62	84.35
	VMT	156,081		38,935	54,595	26,575	16,806	292,992
BRISTOL	UZ							
	MILES	12.85		7.35	19.51	18.73	99.00	157.44
	VMT	314,490		127,437	156,452	61,090	65,340	724,809
CHARLOTTESVILLE	UZ							
	MILES	3.83	6.28	20.63	24.39	31.04	157.58	243.75
	VMT	122,564	116,838	631,102	226,950	186,280	157,264	1,440,998
DANVILLE	UZ							
	MILES		7.17	32.90	36.73	34.30	213.07	324.17
	VMT		61,275	622,686	285,657	83,767	151,504	1,204,888
FREDERICKSBURG	UZ							
	MILES	7.48		21.25	26.65	42.69	152.00	250.07
	VMT	456,006		582,686	333,266	235,865	238,612	1,846,435
HAMPTON ROADS	UZ							
	MILES	103.45	57.36	250.24	528.83	502.65	3684.72	5127.25
	VMT	6,092,464	1,241,139	583,766	7,303,121	2,077,837	8,511,641	25,809,968
KINGSPORT	UZ							
	MILES		2.73	5.08	6.66	4.35	25.73	44.55
	VMT		22,940	95,180	21,994	10,510	10,626	161,250
LYNCHBURG	UZ							
	MILES		26.72	24.69	78.94	69.93	385.07	585.35
	VMT		394,672	562,996	714,756	222,485	739,719	2,634,628
NORTHERN VA.	UZ							
	MILES	73.17	43.03	185.21	552.52	410.35	2715.28	3979.56
	VMT	9,786,195	699,111	6,198,019	7,414,797	2,000,368	2,660,974	28,759,465

FUNCTIONAL CLASSIFICATION MILEAGE & VMT

URBAN

		INTER-STATE	OTHER FREEWAYS EXPRESSWAYS	OTHER PRINCIPAL ARTERIALS	MINOR ARTERIAL	COLLECTORS	LOCAL	TOTAL
RICHMOND	UZ							
	MILES	91.86	43.20	173.09	350.80	308.31	2060.22	3027.48
	VMT	3,838,456	980,253	4,305,077	3,249,305	1,262,071	877,000	14,512,161
ROANOKE	UZ							
	MILES	22.58	3.51	65.15	72.90	89.73	740.25	994.12
	VMT	983,793	135,135	1,110,888	783,289	400,204	1,036,360	4,449,668
TRI-CITIES	UZ							
	MILES	38.79		53.54	90.98	105.51	409.54	698.36
	VMT	956,000		762,000	607,917	278,000	180,000	2,783,917
TOTAL URBAN								
	MILES	**380.49**	**206.56**	**974.05**	**2,005.00**	**1,846.04**	**11,801.01**	**17,213.15**
	VMT	**23,146,335**	**3,875,832**	**17,363,840**	**22,835,763**	**7,566,172**	**15,433,350**	**90,221,292**

APPENDIX E

RURAL FUNCTIONAL CLASSIFICATION MILEAGES BY ADMINISTRATIVE CLASSIFICATION FOR THE STATE OF VIRGINIA

TOTAL RURAL MILES: 48940.91

STATEWIDE TOTALS

COUNTY/TOWN	TOTAL MILES BY TYPE	TYPE	INTER-STATE MILEAGE	OTHER PRINCIPAL ARTERIALS MILEAGE	MINOR ARTERIALS MILEAGE	MAJOR COLLECTORS MILEAGE	MINOR COLLECTORS MILEAGE	LOCAL MILEAGE
	724.45	INTERSTATE	724.45					
	7102.23	PRIMARY		1530.71	3190.58	2365.96	14.98	
	41114.23	SECONDARY		0.13	27.77	7303.62	2495.65	31287.06
	STATEWIDE TOTALS		724.45	1530.84	3218.35	9669.58	2510.63	31287.06

URBAN FUNCTIONAL CLASSIFICATION MILEAGES BY ADMINISTRATIVE CLASSIFICATION FOR THE STATE OF VIRGINIA

TOTAL URBAN MILES: 17213.15

STATEWIDE TOTALS

COUNTY/TOWN	TOTAL MILES BY TYPE	TYPE	INTER-STATE MILEAGE	OTHER FREEWAYS & EXPRESSWAYS MILEAGE	OTHER PRINCIPAL ARTERIALS MILEAGE	MINOR ARTERIALS MILEAGE	COLLECTORS MILEAGE	LOCAL MILEAGE
	380.49	INTERSTATE	380.49					
	1906.85	PRIMARY		201.59	918.86	703.32	83.08	0.00
	14925.81	SECONDARY		4.97	55.19	1301.68	1762.96	11801.01
	STATEWIDE TOTALS		380.49	206.56	974.05	2005.00	1846.04	11801.01

RURAL FUNCTIONAL CLASSIFICATION MILEAGES BY ADMINISTRATIVE CLASSIFICATION FOR THE STATE OF VIRGINIA

TOTAL RURAL MILES: 48940.91

COUNTY/TOWN	TOTAL MILES BY TYPE	TYPE	INTER-STATE MILEAGE	OTHER PRINCIPAL ARTERIALS MILEAGE	MINOR ARTERIALS MILEAGE	MAJOR COLLECTORS MILEAGE	MINOR COLLECTORS MILEAGE	LOCAL MILEAGE
ACCOMAC CO	0.00	INTERSTATE	0.00		0.00			
TOTAL MILES =	100.63	PRIMARY		37.21		60.36	3.06	
653.15	552.52	SECONDARY				98.80	15.23	438.49
ALBEMARLE CO	26.01	INTERSTATE	26.01					
TOTAL MILES =	120.55	PRIMARY		20.73	55.92	43.90		
766.07	619.51	SECONDARY				139.12	25.48	454.91
ALLEGHANY CO	38.04	INTERSTATE	38.04					
TOTAL MILES =	73.59	PRIMARY		2.50	17.10	53.99		
391.13	279.50	SECONDARY				51.94	3.79	223.77
AMELIA CO	0.00	INTERSTATE						
TOTAL MILES =	39.44	PRIMARY		17.82		21.62		
394.24	354.80	SECONDARY				62.29	25.10	267.41
AMHERST CO	0.00	INTERSTATE						
TOTAL MILES =	76.67	PRIMARY		14.41	58.69	3.57		
528.40	451.73	SECONDARY				94.93	27.53	329.27
APPOMATTOX CO	0.00	INTERSTATE						
TOTAL MILES =	51.14	PRIMARY		16.75	27.11	7.28		
476.61	425.47	SECONDARY				79.68	44.69	301.10
AUGUSTA CO	41.41	INTERSTATE	41.41					
TOTAL MILES =	156.76	PRIMARY			95.84	60.92		
1155.09	956.92	SECONDARY				172.31	104.24	680.37
BATH CO	0.00	INTERSTATE						
TOTAL MILES =	74.80	PRIMARY			74.80			
317.42	242.62	SECONDARY				49.75	26.38	166.49
BEDFORD CO	0.00	INTERSTATE						
TOTAL MILES =	142.79	PRIMARY		26.90	75.45	40.44		
1020.10	877.31	SECONDARY			0.50	155.51	35.16	686.14
BLAND CO	21.69	INTERSTATE	21.69					
TOTAL MILES =	78.53	PRIMARY			14.20	64.33		
310.10	209.88	SECONDARY				14.71		195.17
BOTETOURT CO	23.92	INTERSTATE	23.92					
TOTAL MILES =	76.75	PRIMARY		36.83	0.00	39.92		
622.39	521.72	SECONDARY				58.60	21.78	441.34
BRUNSWICK CO	20.77	INTERSTATE	20.77					
TOTAL MILES =	113.00	PRIMARY		23.25	24.90	64.85		
696.49	562.72	SECONDARY				101.67	33.98	427.07
BUCHANAN CO	0.00	INTERSTATE						
TOTAL MILES =	72.51	PRIMARY		34.78	20.31	17.42		
531.33	458.82	SECONDARY				121.31	8.01	329.50
BUCKINGHAM	0.00	INTERSTATE						
TOTAL MILES =	96.34	PRIMARY			85.87	10.47		
661.71	565.37	SECONDARY				85.66	31.84	447.87

RURAL FUNCTIONAL CLASSIFICATION MILEAGES BY ADMINISTRATIVE CLASSIFICATION FOR THE STATE OF VIRGINIA

TOTAL RURAL MILES: 48940.91

COUNTY/TOWN	TOTAL MILES BY TYPE	TYPE	INTER-STATE MILEAGE	OTHER PRINCIPAL ARTERIALS MILEAGE	MINOR ARTERIALS MILEAGE	MAJOR COLLECTORS MILEAGE	MINOR COLLECTORS MILEAGE	LOCAL MILEAGE
CAMPBELL CO	0.00	INTERSTATE						
TOTAL MILES =	85.79	PRIMARY		23.99	45.09	16.71		
689.34	603.55	SECONDARY				141.83	23.07	438.65
CAROLINE CO	15.54	INTERSTATE	15.54					
TOTAL MILES =	95.87	PRIMARY		41.07	37.26	17.54		
578.84	467.43	SECONDARY				94.52	31.03	341.88
CARROLL CO	24.29	INTERSTATE	24.29					
TOTAL MILES =	91.66	PRIMARY			48.05	43.61		
935.44	819.49	SECONDARY				130.34	41.39	647.76
CHARLES CITY CO	0.00	INTERSTATE						
TOTAL MILES =	45.00	PRIMARY			34.24	10.76		
179.41	134.41	SECONDARY				13.40	15.62	105.39
CHARLOTTE CO	0.00	INTERSTATE						
TOTAL MILES =	114.11	PRIMARY		24.00	39.69	49.75	0.67	
591.11	477.00	SECONDARY				69.26	13.21	394.53
CHESTERFIELD CO	0.00	INTERSTATE						
TOTAL MILES =	12.63	PRIMARY		10.14	2.49			
335.65	323.02	SECONDARY			21.24	77.07		224.71
CLARKE CO	0.00	INTERSTATE						
TOTAL MILES =	49.11	PRIMARY		17.64	24.58	6.89		
258.76	209.65	SECONDARY				31.61	26.81	151.23
CRAIG CO	0.00	INTERSTATE	0.00	0.00	0.00			
TOTAL MILES =	59.66	PRIMARY				59.66		
240.10	180.44	SECONDARY				11.23	0.00	169.21
CULPEPER CO	0.00	INTERSTATE						
TOTAL MILES =	77.78	PRIMARY		23.72	51.22	2.84		
517.79	440.01	SECONDARY				88.59	21.83	329.59
CUMBERLAND CO	0.00	INTERSTATE						
TOTAL MILES =	50.54	PRIMARY			28.95	21.59		
343.93	293.39	SECONDARY				40.05	10.93	242.41
DICKINSON CO	0.00	INTERSTATE						
TOTAL MILES =	78.94	PRIMARY			38.03	40.91		
479.01	400.07	SECONDARY				80.46	13.15	306.46
DINWIDDIE CO	19.04	INTERSTATE	19.04					
TOTAL MILES =	66.62	PRIMARY		19.88	27.93	18.81		
580.41	494.75	SECONDARY				89.92	43.00	361.83
ESSEX CO	0.00	INTERSTATE						
TOTAL MILES =	43.55	PRIMARY		43.55				
308.62	265.07	SECONDARY				63.79	19.89	181.39
FAUQUIER CO	21.93	INTERSTATE	21.93					
TOTAL MILES =	103.12	PRIMARY		54.06	22.48	26.58		
898.06	773.01	SECONDARY				142.56	60.37	570.08

RURAL FUNCTIONAL CLASSIFICATION MILEAGES BY ADMINISTRATIVE CLASSIFICATION FOR THE STATE OF VIRGINIA

TOTAL RURAL MILES: **48940.91**

COUNTY/TOWN	TOTAL MILES BY TYPE	TYPE	INTER-STATE MILEAGE	OTHER PRINCIPAL ARTERIALS MILEAGE	MINOR ARTERIALS MILEAGE	MAJOR COLLECTORS MILEAGE	MINOR COLLECTORS MILEAGE	LOCAL MILEAGE
FLOYD CO	0.00	INTERSTATE	0.00	0.00				
TOTAL MILES =	54.81	PRIMARY			54.81			
676.01	621.20	SECONDARY				103.32	37.64	480.24
FLUVANNA CO	1.51	INTERSTATE	1.51					
TOTAL MILES =	57.85	PRIMARY			42.36	15.49		
339.98	280.62	SECONDARY				48.45	20.28	211.89
FRANKLIN CO	0.00	INTERSTATE						
TOTAL MILES =	89.54	PRIMARY		27.65	42.93	18.96		
1111.90	1022.36	SECONDARY				189.94	60.77	771.65
FREDERICK CO	23.91	INTERSTATE	23.91					
TOTAL MILES =	99.12	PRIMARY		38.76	32.74	27.62		
671.15	548.12	SECONDARY				64.47	47.73	435.92
GILES CO	0.00	INTERSTATE						
TOTAL MILES =	71.76	PRIMARY		28.13	13.23	30.4		
403.26	331.50	SECONDARY				47.81	11.92	271.77
GLOUCESTER CO	0.00	INTERSTATE						
TOTAL MILES =	45.55	PRIMARY		20.59	22.88	2.08		
372.57	327.02	SECONDARY				46.11	21.13	259.78
GOOCHLAND CO	23.38	INTERSTATE	23.38					
TOTAL MILES =	72.20	PRIMARY		0.00	8.42	63.78		
394.00	298.42	SECONDARY				30.98	26.93	240.51
GRAYSON CO	0.00	INTERSTATE						
TOTAL MILES =	109.97	PRIMARY			86.71	23.26		
767.26	657.29	SECONDARY				111.19	32.85	513.25
GREENE CO	0.00	INTERSTATE						
TOTAL MILES =	27.14	PRIMARY		21.49	5.65			
207.80	180.66	SECONDARY				22.67	20.73	137.26
GREENSVILLE CO	15.47	INTERSTATE	15.47					
TOTAL MILES =	22.00	PRIMARY		7.84		14.16		
335.61	298.14	SECONDARY				62.29	26.17	209.68
HALIFAX CO	0.00	INTERSTATE						
TOTAL MILES =	144.66	PRIMARY		45.66	68.71	25.62	4.67	
993.78	849.12	SECONDARY				213.73	42.30	593.09
HANOVER CO	14.76	INTERSTATE	14.76					
TOTAL MILES =	69.67	PRIMARY		7.71	46.60	15.36		
659.93	575.50	SECONDARY				87.36	86.99	401.15
HENRICO CO	1.80	INTERSTATE	1.80					
TOTAL MILES =	3.57	PRIMARY		0.00	0.00	3.57		
35.63	30.26	SECONDARY					4.45	25.81
HENRY CO	0.00	INTERSTATE						
TOTAL MILES =	98.16	PRIMARY		36.24	45.90	16.02		
731.87	633.71	SECONDARY			5.22	135.57	42.10	450.82

RURAL FUNCTIONAL CLASSIFICATION MILEAGES BY ADMINISTRATIVE CLASSIFICATION FOR THE STATE OF VIRGINIA

TOTAL RURAL MILES: 48940.91

COUNTY/TOWN	TOTAL MILES BY TYPE	TYPE	INTER-STATE MILEAGE	OTHER PRINCIPAL ARTERIALS MILEAGE	MINOR ARTERIALS MILEAGE	MAJOR COLLECTORS MILEAGE	MINOR COLLECTORS MILEAGE	LOCAL MILEAGE
HIGHLAND CO.	0.00	INTERSTATE						
TOTAL MILES =	71.20	PRIMARY			56.26	14.94		
284.43	213.23	SECONDARY				32.94	6.13	174.16
ISLE OF WIGHT CO	0.00	INTERSTATE						
TOTAL MILES =	71.63	PRIMARY		19.19	42.87	9.57		
500.95	429.32	SECONDARY				70.27	40.60	318.45
JAMES CITY	8.70	INTERSTATE	8.70					
TOTAL MILES =	24.70	PRIMARY			14.11	10.59		
186.68	153.28	SECONDARY				13.62	14.24	125.42
KING GEORGE CO	0.00	INTERSTATE						
TOTAL MILES =	75.42	PRIMARY		17.06	36.49	21.87		
247.56	172.14	SECONDARY				40.44	1.40	130.30
KING WILLIAM CO	0.00	INTERSTATE						
TOTAL MILES =	46.97	PRIMARY		8.43	37.39	1.15		
310.83	263.86	SECONDARY				70.29	23.59	169.98
KING & QUEEN CO	0.00	INTERSTATE						
TOTAL MILES =	51.99	PRIMARY		9.20	42.79			
345.59	293.60	SECONDARY				78.03	18.29	197.28
LANCASTER CO	0.00	INTERSTATE						
TOTAL MILES =	57.27	PRIMARY			30.21	27.06		
264.96	207.69	SECONDARY				38.96	8.14	160.59
LEE CO	0.00	INTERSTATE						
TOTAL MILES =	105.22	PRIMARY		5.33	80.02	19.87		
674.02	568.80	SECONDARY				104.43	27.40	436.97
LOUDOUN CO	0.00	INTERSTATE						
TOTAL MILES =	109.48	PRIMARY		32.55	51.42	25.51		
756.52	647.04	SECONDARY				141.54	39.34	466.16
LOUISA CO	19.87	INTERSTATE	19.87					
TOTAL MILES =	112.85	PRIMARY			82.25	30.60		
633.58	500.86	SECONDARY				77.12	35.34	388.40
LUNENBURG CO	0.00	INTERSTATE						
TOTAL MILES =	63.19	PRIMARY			38.86	24.33		
566.48	503.29	SECONDARY				70.85	34.55	397.89
MADISON CO	0.00	INTERSTATE						
TOTAL MILES =	62.84	PRIMARY		16.64	45.40	0.80		
366.80	303.96	SECONDARY				33.35	22.68	247.93
MATHEWS CO	0.00	INTERSTATE						
TOTAL MILES =	33.65	PRIMARY			30.57	3.08		
172.33	138.68	SECONDARY				35.91	9.92	92.85
MECKLENBURG CO	16.52	INTERSTATE	16.52					
TOTAL MILES =	144.60	PRIMARY		38.00	52.82	53.78		
884.41	723.29	SECONDARY				130.70	32.50	560.09

RURAL FUNCTIONAL CLASSIFICATION MILEAGES BY ADMINISTRATIVE CLASSIFICATION FOR THE STATE OF VIRGINIA

TOTAL RURAL MILES: 48940.91

COUNTY/TOWN	TOTAL MILES BY TYPE	TYPE	INTER-STATE MILEAGE	OTHER PRINCIPAL ARTERIALS MILEAGE	MINOR ARTERIALS MILEAGE	MAJOR COLLECTORS MILEAGE	MINOR COLLECTORS MILEAGE	LOCAL MILEAGE
MIDDLESEX CO	0.00	INTERSTATE						
TOTAL MILES =	46.86	PRIMARY		14.46	21.01	11.39		
202.51	155.65	SECONDARY				34.88	7.23	113.54
MONTGOMERY CO	20.94	INTERSTATE	20.94					
TOTAL MILES =	39.90	PRIMARY		7.17	21.98	10.75		
505.79	444.95	SECONDARY				101.16	12.93	330.86
NELSON CO	1.36	INTERSTATE	1.36					
TOTAL MILES =	108.94	PRIMARY		21.46	43.65	43.83		
575.94	465.64	SECONDARY				40.16	31.43	394.05
NEW KENT CO	20.07	INTERSTATE	20.07					
TOTAL MILES =	67.68	PRIMARY			11.54	56.14		
281.31	193.56	SECONDARY				5.58	7.91	180.07
NORTHAMPTON CO	0.00	INTERSTATE						
TOTAL MILES =	67.16	PRIMARY		49.85		16.08	1.23	
297.09	229.93	SECONDARY				41.33	12.12	176.48
NORTHUMBERLAND (	0.00	INTERSTATE						
TOTAL MILES =	44.49	PRIMARY		23.42	13.70	7.37		
358.32	313.83	SECONDARY				61.15	12.60	240.08
NOTTOWAY CO	0.00	INTERSTATE						
TOTAL MILES =	80.62	PRIMARY		37.20	13.54	29.88		
390.36	309.74	SECONDARY				61.10	19.30	229.34
ORANGE CO	0.00	INTERSTATE						
TOTAL MILES =	82.49	PRIMARY			69.80	12.69		
415.83	333.34	SECONDARY				52.22	30.12	251.00
PAGE CO	0.00	INTERSTATE						
TOTAL MILES =	53.57	PRIMARY		16.49	25.15	11.93		
356.12	302.55	SECONDARY				37.45	25.12	239.98
PATRICK CO	0.00	INTERSTATE						
TOTAL MILES =	95.68	PRIMARY			68.54	27.14		
721.24	625.56	SECONDARY				107.88	34.20	483.48
PITTSYLVANIA CO	0.00	INTERSTATE						
TOTAL MILES =	145.77	PRIMARY		48.92	82.42	14.43		
1557.57	1411.80	SECONDARY			0.81	249.91	109.80	1051.28
POWHATAN CO	0.00	INTERSTATE						
TOTAL MILES =	47.89	PRIMARY		0.00	30.32	17.57		
283.07	235.18	SECONDARY				37.43	25.03	172.72
PRINCE EDWARD CO	0.00	INTERSTATE						
TOTAL MILES =	70.06	PRIMARY		45.61	17.57	6.88		
478.05	407.99	SECONDARY				79.16	36.05	292.78
PRINCE GEORGE CO	11.41	INTERSTATE	11.41					
TOTAL MILES =	54.57	PRIMARY		9.30	27.27	18.00		
278.42	212.44	SECONDARY				37.84	26.56	148.04

RURAL FUNCTIONAL CLASSIFICATION MILEAGES BY ADMINISTRATIVE CLASSIFICATION FOR THE STATE OF VIRGINIA

TOTAL RURAL MILES: 48940.91

COUNTY/TOWN	TOTAL MILES BY TYPE	TYPE	INTER-STATE MILEAGE	OTHER PRINCIPAL ARTERIALS MILEAGE	MINOR ARTERIALS MILEAGE	MAJOR COLLECTORS MILEAGE	MINOR COLLECTORS MILEAGE	LOCAL MILEAGE
PRINCE WILLIAM CO	19.30	INTERSTATE	19.30					
TOTAL MILES =	72.49	PRIMARY		19.83	29.70	22.96		
473.34	381.55	SECONDARY				69.53	18.40	293.62
PULASKI CO	17.54	INTERSTATE	17.54					
TOTAL MILES =	34.26	PRIMARY			29.62	4.64		
434.38	382.58	SECONDARY				83.36	8.44	290.78
RAPPAHANNOCK CO	0.00	INTERSTATE						
TOTAL MILES =	53.45	PRIMARY		24.35	27.60	1.50		
275.42	221.97	SECONDARY				22.82	20.17	178.98
RICHMOND CO	0.00	INTERSTATE						
TOTAL MILES =	33.33	PRIMARY		15.11	18.22			
239.56	206.23	SECONDARY				46.23	14.27	145.73
ROANOKE CO	3.93	INTERSTATE	3.93					
TOTAL MILES =	31.37	PRIMARY		6.32	11.25	13.80		
261.71	226.41	SECONDARY				30.23	2.99	193.19
ROCKBRIDGE CO	47.97	INTERSTATE	47.97					
TOTAL MILES =	113.65	PRIMARY			38.90	74.75		
779.03	617.41	SECONDARY				91.14	42.12	484.15
ROCKINGHAM CO	20.66	INTERSTATE	20.66					
TOTAL MILES =	151.02	PRIMARY		19.68	90.05	41.29		
1057.87	886.19	SECONDARY				197.59	68.34	620.26
RUSSELL CO	0.00	INTERSTATE						
TOTAL MILES =	107.03	PRIMARY		41.21	27.05	38.77		
659.10	552.07	SECONDARY				100.98	28.91	422.18
SCOTT CO	0.00	INTERSTATE						
TOTAL MILES =	99.69	PRIMARY		18.28	38.27	43.14		
789.32	689.63	SECONDARY				108.55	32.32	548.76
SHENANDOAH CO	33.32	INTERSTATE	33.32					
TOTAL MILES =	85.07	PRIMARY		12.99	1.44	70.64		
773.27	654.88	SECONDARY				108.32	24.81	521.75
SMYTH CO	22.19	INTERSTATE	22.19					
TOTAL MILES =	79.48	PRIMARY			15.13	64.35		
545.28	443.61	SECONDARY				70.60	21.82	351.19
SOUTHAMPTON CO	0.00	INTERSTATE						
TOTAL MILES =	95.31	PRIMARY		42.56	24.63	28.12		
767.56	672.25	SECONDARY				124.33	48.33	499.59
SPOTSYLVANIA CO	9.32	INTERSTATE	9.32					
TOTAL MILES =	55.05	PRIMARY		8.36	37.31	9.38		
529.25	464.88	SECONDARY				117.44	18.35	329.09
STAFFORD CO	14.51	INTERSTATE	14.51					
TOTAL MILES =	30.50	PRIMARY		10.03	16.33	4.14		
364.37	319.36	SECONDARY				81.87	12.05	225.44

RURAL FUNCTIONAL CLASSIFICATION MILEAGES BY ADMINISTRATIVE CLASSIFICATION FOR THE STATE OF VIRGINIA

TOTAL RURAL MILES: 48940.91

COUNTY/TOWN	TOTAL MILES BY TYPE	TYPE	INTER-STATE MILEAGE	OTHER PRINCIPAL ARTERIALS MILEAGE	MINOR ARTERIALS MILEAGE	MAJOR COLLECTORS MILEAGE	MINOR COLLECTORS MILEAGE	LOCAL MILEAGE
SURRY CO	0.00	INTERSTATE						
TOTAL MILES =	48.68	PRIMARY			33.28	15.40		
299.32	250.64	SECONDARY				43.22	14.85	192.57
SUSSEX CO	17.60	INTERSTATE	17.60					
TOTAL MILES =	89.39	PRIMARY		16.76	47.50	24.02	1.11	
573.02	466.03	SECONDARY				91.20	29.92	344.91
TAZEWELL CO	0.00	INTERSTATE						
TOTAL MILES =	123.58	PRIMARY		44.41	9.94	69.23		
571.92	448.34	SECONDARY				62.04	23.40	362.90
WARREN CO	15.95	INTERSTATE	15.95					
TOTAL MILES =	33.63	PRIMARY		0.89	20.78	11.96		
249.10	199.52	SECONDARY				39.47	18.61	141.44
WASHINGTON CO	19.93	INTERSTATE	19.93					
TOTAL MILES =	97.87	PRIMARY		10.10	27.35	60.42		
757.35	639.55	SECONDARY		0.13		81.04	18.04	540.34
WESTMORELAND CO	0.00	INTERSTATE						
TOTAL MILES =	67.45	PRIMARY			58.53	8.92		
403.62	336.17	SECONDARY				69.52	10.28	256.37
WISE CO	0.00	INTERSTATE						
TOTAL MILES =	103.42	PRIMARY		45.87	7.12	50.43		
449.63	346.21	SECONDARY				82.33	15.98	247.90
WYTHE CO	37.21	INTERSTATE	37.21					
TOTAL MILES =	69.20	PRIMARY			16.90	52.30		
617.39	510.98	SECONDARY				76.90	13.64	420.44
YORK CO	6.34	INTERSTATE	6.34					
TOTAL MILES =	1.98	PRIMARY			1.98			
47.98	39.66	SECONDARY				5.10		34.56
ALTAVISTA	0.00	INTERSTATE						
TOTAL MILES =	5.09	PRIMARY				1.61	3.48	
33.21	28.12	SECONDARY				2.41	8.00	17.71
BIG STONE GAP	0.00	INTERSTATE						
TOTAL MILES =	3.48	PRIMARY			2.73	0.75		
28.35	24.87	SECONDARY				2.39	1.27	21.21
BLACKSTONE	0.00	INTERSTATE						
TOTAL MILES =	3.53	PRIMARY			2.60	0.93		
28.07	24.54	SECONDARY				1.68	2.27	20.59
BRIDGEWATER	0.00	INTERSTATE						
TOTAL MILES =	2.36	PRIMARY			1.75	0.61		
14.90	12.54	SECONDARY				1.43		11.11
CHASE CITY	0.00	INTERSTATE						
TOTAL MILES =	4.08	PRIMARY			3.85	0.23		
21.08	17.00	SECONDARY				0.80	3.07	13.13

RURAL FUNCTIONAL CLASSIFICATION MILEAGES BY ADMINISTRATIVE CLASSIFICATION FOR THE STATE OF VIRGINIA

TOTAL RURAL MILES: 48940.91

COUNTY/TOWN	TOTAL MILES BY TYPE	TYPE	INTER-STATE MILEAGE	OTHER PRINCIPAL ARTERIALS MILEAGE	MINOR ARTERIALS MILEAGE	MAJOR COLLECTORS MILEAGE	MINOR COLLECTORS MILEAGE	LOCAL MILEAGE
CHINCOTEAGUE	0.00	INTERSTATE						
TOTAL MILES =	2.51	PRIMARY				1.72	0.79	
23.80	21.29	SECONDARY				1.69	3.49	16.11
CLIFTON FORGE	1.55	INTERSTATE	1.55					
TOTAL MILES =	4.23	PRIMARY			3.26	0.97		
22.43	16.65	SECONDARY				2.62		14.03
COLLINSVILLE	0.00	INTERSTATE						
TOTAL MILES =	0.70	PRIMARY				0.70		
0.70	0.00	SECONDARY						
ELKTON	0.00	INTERSTATE						
TOTAL MILES =	2.22	PRIMARY		0.69	0.89	0.64		
15.07	12.85	SECONDARY				1.42		11.43
GROTTOES	0.00	INTERSTATE						
TOTAL MILES =	2.06	PRIMARY			2.06			
18.50	16.44	SECONDARY				1.84	0.46	14.14
LEBANON	0.00	INTERSTATE						
TOTAL MILES =	8.08	PRIMARY		2.24	5.26	0.58		
28.65	20.57	SECONDARY				1.06		19.51
LURAY	0.00	INTERSTATE						
TOTAL MILES =	6.90	PRIMARY		2.27	0.26	4.37		
34.37	27.47	SECONDARY				4.15	1.95	21.37
NARROWS	0.00	INTERSTATE						
TOTAL MILES =	3.65	PRIMARY		1.36		2.29		
16.82	13.17	SECONDARY				0.10		13.07
NORTON	0.00	INTERSTATE						
TOTAL MILES =	9.51	PRIMARY		3.05	0.68	5.78		
30.68	21.17	SECONDARY				3.27		17.90
ORANGE	0.00	INTERSTATE						
TOTAL MILES =	5.78	PRIMARY			3.69	2.09		
24.03	18.25	SECONDARY				3.73		14.52
PEARISBURG	0.00	INTERSTATE						
TOTAL MILES =	2.52	PRIMARY		0.12	1.11	1.29		
13.54	11.02	SECONDARY				1.34		9.68
RICHLANDS	0.00	INTERSTATE						
TOTAL MILES =	6.62	PRIMARY		2.52	2.86	1.24		
24.99	18.37	SECONDARY				0.73		17.64
ROCKY MOUNT	0.00	INTERSTATE						
TOTAL MILES =	5.28	PRIMARY			2.29	2.99		
27.31	22.03	SECONDARY				2.67	3.47	15.89
SALTVILLE	0.00	INTERSTATE						
TOTAL MILES =	6.55	PRIMARY				6.55		
21.47	14.92	SECONDARY				3.36		11.56

RURAL FUNCTIONAL CLASSIFICATION MILEAGES BY ADMINISTRATIVE CLASSIFICATION FOR THE STATE OF VIRGINIA

TOTAL RURAL MILES: 48940.91

COUNTY/TOWN	TOTAL MILES BY TYPE	TYPE	INTER-STATE MILEAGE	OTHER PRINCIPAL ARTERIALS MILEAGE	MINOR ARTERIALS MILEAGE	MAJOR COLLECTORS MILEAGE	MINOR COLLECTORS MILEAGE	LOCAL MILEAGE
SMITHFIELD	0.00	INTERSTATE						
TOTAL MILES =	8.50	PRIMARY			4.15	4.35		
28.62	20.12	SECONDARY				1.49		18.63
SOUTH HILL	3.00	INTERSTATE	3.00					
TOTAL MILES =	8.39	PRIMARY		4.03	1.25	3.11		
43.08	31.69	SECONDARY				3.97	4.92	22.80
STRASBURG	0.00	INTERSTATE						
TOTAL MILES =	3.53	PRIMARY				3.53		
26.78	23.25	SECONDARY				3.36	1.85	18.04
SUFFOLK/NANSEMON	0.00	INTERSTATE						
TOTAL MILES =	41.44	PRIMARY		28.29	9.80	3.35		
341.09	299.65	SECONDARY				32.01	44.48	223.16
TAZEWELL	0.00	INTERSTATE						
TOTAL MILES =	10.88	PRIMARY		0.99	0.82	9.07		
20.19	9.31	SECONDARY						9.31
WARRENTON	0.00	INTERSTATE						
TOTAL MILES =	9.30	PRIMARY		2.96	3.30	3.04		
33.13	23.83	SECONDARY				3.73	1.19	18.91
WISE	0.00	INTERSTATE						
TOTAL MILES =	3.96	PRIMARY		1.86		2.10		
17.94	13.98	SECONDARY				4.25		9.73
WOODSTOCK	1.79	INTERSTATE	1.79					
TOTAL MILES =	3.64	PRIMARY				3.64		
25.11	19.68	SECONDARY				3.81	3.14	12.73
TOTAL MILES =	48940.91							
	TOTAL		724.45	1530.84	3218.35	9669.58	2510.63	31287.06

STATEWIDE TOTALS

COUNTY/TOWN	TOTAL MILES BY TYPE	TYPE	INTER-STATE MILEAGE	OTHER PRINCIPAL ARTERIALS MILEAGE	MINOR ARTERIALS MILEAGE	MAJOR COLLECTORS MILEAGE	MINOR COLLECTORS MILEAGE	LOCAL MILEAGE
	724.45	INTERSTATE	724.45					
	7102.23	PRIMARY		1530.71	3190.58	2365.96	14.98	
	41114.23	SECONDARY		0.13	27.77	7303.62	2495.65	31287.06
	STATEWIDE TOTALS		724.45	1530.84	3218.35	9669.58	2510.63	31287.06

APPENDIX F

URBAN FUNCTIONAL CLASSIFICATION MILEAGES BY ADMINISTRATIVE CLASIFICATION FOR THE STATE OF VIRGINIA

TOTAL URBAN MILES: 17213.15

	TOTAL MILES BY TYPE		INTER-STATE MILEAGE	OTHER FREEWAYS & EXPRESSWAYS MILEAGE	OTHER PRINCIPAL ARTERIALS MILEAGE	MINOR ARTERIALS MILEAGE	COLLECTORS MILEAGE	LOCAL MILEAGE
ABINGDON	1.20	INTERSTATE	1.20					
	9.55	PRIMARY			3.76	4.39	1.40	
	41.40	STREETS					3.48	37.92
ASHLAND		INTERSTATE						
	4.75	PRIMARY				4.75		
	31.33	STREETS				3.25	3.07	25.01
BEDFORD		INTERSTATE						
	11.03	PRIMARY		2.88	5.34	1.56	1.25	
	29.44	STREETS					7.34	22.10
BLACKSBURG		INTERSTATE						
	15.64	PRIMARY		6.73	6.52	1.68	0.71	
	78.94	STREETS				6.83	5.54	66.57
BLUEFIELD		INTERSTATE						
	10.91	PRIMARY		3.59		4.61	2.71	
	17.11	STREETS				0.10	3.25	13.76
BRISTOL URBAN	12.85	INTERSTATE	12.85					
	13.10	PRIMARY			7.35	5.75		
	131.49	STREETS				13.76	18.73	99.00
BUENA VISTA		INTERSTATE						
	5.85	PRIMARY			5.12	0.73		
	37.65	STREETS				0.40	7.36	29.89
CHARLOTTESVILLE	3.83	INTERSTATE	3.83					
	28.72	PRIMARY		6.28	20.06	2.38		
	211.20	STREETS			0.57	22.01	31.04	157.58
CHRISTIANSBURG		INTERSTATE						
	19.62	PRIMARY	4.67	0.62	9.51	2.58	2.24	
	76.14	STREETS				2.47	4.33	69.34
COVINGTON	1.40	INTERSTATE	1.40					
	7.32	PRIMARY			3.16	2.19	1.97	
	30.52	STREETS					2.06	28.46
CULPEPER		INTERSTATE						
	6.06	PRIMARY			4.70	1.36		
	34.41	STREETS				5.44	3.61	25.36
DANVILLE URBAN		INTERSTATE						
	56.00	PRIMARY		7.17	32.90	15.93		
	268.17	STREETS				20.80	34.30	213.07
EMPORIA	1.67	INTERSTATE	1.67					
	8.66	PRIMARY		2.74	0.90	5.02		
	27.01	STREETS				2.30	6.65	18.06

URBAN FUNCTIONAL CLASSIFICATION MILEAGES BY ADMINISTRATIVE CLASIFICATION FOR THE STATE OF VIRGINIA

TOTAL URBAN MILES: 17213.15

	TOTAL MILES BY TYPE		INTER-STATE MILEAGE	OTHER FREEWAYS & EXPRESSWAYS MILEAGE	OTHER PRINCIPAL ARTERIALS MILEAGE	MINOR ARTERIALS MILEAGE	COLLECTORS MILEAGE	LOCAL MILEAGE
FARMVILLE		INTERSTATE						
	6.83	PRIMARY			2.94	3.89		
	29.63	STREETS				1.07	6.49	22.07
FRANKLIN		INTERSTATE						
	4.94	PRIMARY			3.05	1.89		
	39.82	STREETS				11.99	4.78	23.05
FREDERICKSBURG	7.48	INTERSTATE	7.48					
	42.63	PRIMARY			21.25	19.87	1.51	
	199.96	STREETS				6.78	41.18	152.00
FRONT ROYAL		INTERSTATE						
	9.29	PRIMARY			6.20	3.09		
	54.23	STREETS				2.18	6.12	45.93
GALAX		INTERSTATE						
	8.09	PRIMARY			7.98	0.11		
	49.30	STREETS				5.17	7.96	36.17
HAMPTON ROADS UI	103.45	INTERSTATE	103.45					
	624.55	PRIMARY		54.66	244.03	287.83	38.03	
	4399.25	STREETS		2.70	6.21	241.00	464.62	3684.72
HARRISONBURG	6.44	INTERSTATE	6.44					
	16.77	PRIMARY			9.75	7.02		
	110.58	STREETS				6.98	25.56	78.04
KINGSPORT URBAN		INTERSTATE						
	14.47	PRIMARY		2.73	5.08	6.66		
	30.08	STREETS					4.35	25.73
LEESBURG		INTERSTATE						
	10.94	PRIMARY			8.58	2.36		
	88.83	STREETS				5.51	12.53	70.79
LEXINGTON		INTERSTATE						
	5.79	PRIMARY			5.18	0.61		
	22.01	STREETS				0.41	5.13	16.47
LYNCHBURG URBAN		INTERSTATE						
	85.21	PRIMARY		26.72	24.34	33.61	0.54	
	500.14	STREETS			0.35	45.33	69.39	385.07
MARION	1.17	INTERSTATE	1.17					
	5.58	PRIMARY				5.58		
	30.46	STREETS					5.36	25.10
MARTINSVILLE		INTERSTATE						
	11.55	PRIMARY			6.66	4.89		
	86.55	STREETS			1.00	9.14	9.79	66.62

URBAN FUNCTIONAL CLASSIFICATION MILEAGES BY ADMINISTRATIVE CLASIFICATION FOR THE STATE OF VIRGINIA

TOTAL URBAN MILES: 17213.15

	TOTAL MILES BY TYPE		INTER-STATE MILEAGE	OTHER FREEWAYS & EXPRESSWAYS MILEAGE	OTHER PRINCIPAL ARTERIALS MILEAGE	MINOR ARTERIALS MILEAGE	COLLECTORS MILEAGE	LOCAL MILEAGE
NORTHERN VA. URB	73.17	INTERSTATE	73.17					
	275.00	PRIMARY		40.76	172.29	55.53	6.42	
	3631.39	STREETS		2.27	12.92	496.99	403.93	2715.28
PULASKI		INTERSTATE						
	8.40	PRIMARY			6.67	1.73		
	59.07	STREETS				8.63	4.46	45.98
RADFORD		INTERSTATE						
	8.59	PRIMARY			8.59			
	61.01	STREETS				9.09	4.05	47.87
RICHMOND URBAN	91.86	INTERSTATE	91.86					
	290.96	PRIMARY		43.20	145.92	91.9	9.94	
	2644.66	STREETS			27.17	258.90	298.37	2060.22
ROANOKE URBAN	22.58	INTERSTATE	22.58					
	107.70	PRIMARY		3.51	65.15	30.19	8.85	
	863.84	STREETS				42.71	80.88	740.25
SOUTH BOSTON		INTERSTATE						
	7.70	PRIMARY			4.26	3.44		
	42.70	STREETS				5.27	4.12	33.31
STAUNTON		INTERSTATE						
	28.79	PRIMARY			5.90	20.44	2.45	
	95.59	STREETS				2.95	14.71	77.93
TRI-CITIES URBAN	38.79	INTERSTATE	38.79					
	93.62	PRIMARY			51.66	40.09	1.87	
	565.95	STREETS			1.88	50.89	103.64	409.54
WAYNESBORO	2.88	INTERSTATE	2.88					
	12.65	PRIMARY			6.18	4.39	2.08	
	93.61	STREETS			2.33	5.59	16.08	69.61
WINCHESTER		INTERSTATE						
	12.72	PRIMARY			2.69	10.03		
	77.22	STREETS			2.76	2.03	13.04	59.39
WYTHEVILLE	7.05	INTERSTATE	7.05					
	9.64	PRIMARY			3.88	5.76		
	67.66	STREETS				2.42	14.62	50.62
AQUIA HABOUR CDP		INTERSTATE						
	2.90	PRIMARY				2.90		
	4.51	STREETS					1.30	3.21
COLLINSVILLE CDP		INTERSTATE						
	3.03	PRIMARY				3.03		
	32.46	STREETS				2.73	2.50	27.23

URBAN FUNCTIONAL CLASSIFICATION MILEAGES BY ADMINISTRATIVE CLASIFICATION FOR THE STATE OF VIRGINIA

TOTAL URBAN MILES: 17213.15

	TOTAL MILES BY TYPE		INTER-STATE MILEAGE	OTHER FREEWAYS & EXPRESSWAYS MILEAGE	OTHER PRINCIPAL ARTERIALS MILEAGE	MINOR ARTERIALS MILEAGE	COLLECTORS MILEAGE	LOCAL MILEAGE
QUANTICO STATION		INTERSTATE						
	2.42	PRIMARY			1.31		1.11	
	6.35	STREETS				0.56		5.79
STUARTS DRAFT CDI		INTERSTATE						
	3.55	PRIMARY				3.55		
	24.14	STREETS					7.24	16.90
TOTAL MILES =	17213.15							
	TOTAL		380.49	206.56	974.05	2005.00	1846.04	11801.01

STATEWIDE TOTALS

COUNTY/TOWN	TOTAL MILES BY TYPE	TYPE	INTER-STATE MILEAGE	OTHER FREEWAYS & EXPRESSWAYS MILEAGE	OTHER PRINCIPAL ARTERIALS MILEAGE	MINOR ARTERIALS MILEAGE	COLLECTORS MILEAGE	LOCAL MILEAGE
	380.49	INTERSTATE	380.49					
	1906.85	PRIMARY		201.59	918.86	703.32	83.08	
	14925.81	SECONDARY		4.97	55.19	1301.68	1762.96	11801.01
	STATEWIDE TOTALS		380.49	206.56	974.05	2005.00	1846.04	11801.01