

EXPLANATORY INFORMATION-MILEAGE SUMMARY CLASSIFICATION

FORM SP-103

NORTH CAROLINA STATE HIGHWAY COMMISSION

PLANNING DEPARTMENT

EXPLANATION OF TYPES

- A - PRIMITIVE: On the official system, but unimproved, with no maintenance, natural surface, barely passable but usable by 4-wheel vehicles, and publicly traveled by small numbers of vehicles.
- B - UNIMPROVED: A road, composed wholly (or with minor local exceptions) of the natural ground of the region traversed, which may or may not have been bladed, which does not conform in respect to alignment, grade, and drainage, at least to the definition of "Graded and Drained", and on which the only work done by public authority is that required to maintain a condition of bare passability for horse-drawn or motor vehicles.
- C - GRADED AND DRAINED: A road of natural earth (or with minor exceptions) aligned and graded to permit reasonably convenient use by motor vehicles, and drained by longitudinal and transverse drainage systems, natural or artificial, sufficiently to prevent serious impairment of the road by surface water.
- D - SOIL SURFACED-UNTREATED: Topsoil, sand, sand-clay, natural or artificial; also stabilized earth (stabilized with sand, selected materials, tar, Portland cement, chemicals or other admixtures). Not bituminous surface treated.
- E - GRAVEL OR STONE-UNTREATED: Crushed or natural gravel, crushed stone, slag, gravel, shale, shell, chert, marl, crushed brick, shist, disintegrated granite, iron ore, chats, screened gravel, and other similar fragmental material (coarser than sand), traffic bound macadam made of crushed stone, crushed gravel or slag. Not bituminous surface treated.
- F - BITUMINOUS SURFACE-TREATED:
- F-1. Topsoil or Sand-Clay: Same as "D" except Bituminous Surface-treated with a mat of about one inch or less in thickness.
 - F-2. Gravel or Stone: Same as "E" except Bituminous Surface-treated with a mat of about one inch or less in thickness.
 - F-3. Waterbound Macadam: Waterbound Macadam surfaced with Bituminous Surface-treatment mat of about one inch or less in thickness.
- G - MIXED BITUMINOUS: A road, the wearing surface of which is one inch or more in compacted thickness, composed of gravel, stone, sand, or similar material, mixed with bituminous material under partial control as to grading and proportions. Examples are Mixed-in-Place sand asphalt, or bituminous sand-road mix. (Does not include hot premixed sand asphalt.)

G-1. Non-rigid Base:

A mixed bituminous road the base course of which is of other than Types J, K, or L, and the combined compact thickness of surface and base is less than 7 inches, or the design is such as to produce a road having a characteristically low or non-uniform load-bearing capacity.

G-2: Rigid Base:

A mixed bituminous road on any base of Types J, K, or L; also on any other type of base where the combined compacted thickness of surface and base is 7 inches or more, or where, by reason of the presence of natural foundation materials which meet base requirements, the road has a characteristically high uniform load-bearing capacity.

H - BITUMINOUS PENETRATION: A gravel or stone road, consisting of a base course and a wearing course one inch or more in compacted thickness, bound with bituminous material introduced by downward or upward penetration.

H-1. Non-rigid Base:

A bituminous penetration road the base course of which is of other than Types J, K, or L, and the combined thickness of surface and base is less than 7 inches, or the design is such as to produce a road having a characteristically low or non-uniform load-bearing capacity.

H-2. Rigid Base:

A bituminous penetration road on any base of Types J, K, or L; also on any other type of base where the combined compacted thickness of surface and base is 7 inches or more, or where by reason of the presence of natural foundation materials which meet base requirements, the road has a characteristically high uniform load-bearing capacity.

I - BITUMINOUS CONCRETE: Bituminous concrete on any rigid or non-rigid base (of substantial thickness). Bituminous concrete includes sheet asphalt, topeka, rock asphalt, and similar bituminous mixes with precise control as to grading and proportions, temperature, etc.

SAND ASPHALT-HOT PREMIXED: Premixed Sand Asphalt prepared under reasonable precise specifications, and exact control as to grading and proportions, on any base as follows:

- I-2. Sand asphalt hot premixed on existing Portland cement concrete pavement.
- I-3. Sand asphalt hot premixed on existing bituminous concrete pavement.
- I-4. Sand asphalt hot premixed on sand asphalt base, or on any other base or type, except in I-2 or I-3 above.

J - PORTLAND CEMENT CONCRETE: Wearing surface of plain or reinforced Portland Cement Concrete, with or without a bituminous mat of less than one inch in compacted thickness. Does not include Portland Cement Stabilization. Includes P. C. Concrete covered with a seal coat or Bituminous Surface-treated, or any layer less than about 1". Does not include P. C. Concrete covered with Retread, Sand-Mix, or Sand Asphalt over 1" thick. (See G-2 and I-2.)

K - BRICK: Paving brick, with or without a bituminous mat less than one inch in compacted thickness. (See G-2 and I-4.)

L - BLOCK: Paving block (either stone block, wooden block, asphalt block) or other form of block, except vitrified paving brick, with or without a bituminous mat less than one inch in compacted thickness. (See G-2 and I-4.)

BRIDGES: Are included in the surface mileage, and considered as being of the same type as the approach surface.

EXPLANATION OF SYSTEMS

1. THE RURAL STATE HIGHWAY SYSTEM is composed of all State and U. S. numbered highways, except those lying within the corporate limits of incorporated towns.
2. THE MUNICIPAL STATE HIGHWAY SYSTEM is composed of all State and U. S. numbered highways or streets lying within the corporate limits of incorporated towns.
3. THE RURAL SECONDARY ROAD SYSTEM is composed of all State-maintained roads, except N. C. or U. S. numbered highways, with the following exceptions:
 - a. The Rural Secondary Road System does not include Neighborhood roads, or any other roads which are maintained but not a part of any designated System.
 - b. The Rural Secondary Road System does not include roads or streets lying within the corporate limits of any incorporated town, regardless of population.
4. THE MUNICIPAL SECONDARY ROAD SYSTEM is composed of municipal extensions of the Rural Secondary Road System. This system was selected by agreement between Highway Officials and City Officials, to conform with an Act by the 1941 North Carolina General Assembly.
5. NEIGHBORHOOD ROADS are all rural roads or streets which are State-aid maintained, but not a part of any officially designated System.

NOTE: The incorporated status of all towns is determined from official lists of the North Carolina State Highway Commission, Planning Department. The date on which the status of incorporation is determined corresponds with the date of the mileage tabulation. (All towns shown in the official U. S. 1960 Census are considered incorporated, regardless of population.)

RETREADS: This sheet contains numerous revisions over the former list as regards retreads and resurfacing.

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This explanatory information will be attached to all releases of mileage tables and, if more detailed data are desired, Mileage Tables for each System for each County by Surface Type and Surface Width for all roads officially under State maintenance, may be obtained by authorized persons from the Planning Department of the North Carolina State Highway Commission.

May, 1963

NORTH CAROLINA STATE HIGHWAY MILEAGE TABLES
FOR THE YEAR
1962

RURAL STATE HIGHWAY SYSTEM	11,439.40
MUNICIPAL STATE HIGHWAY SYSTEM	1,403.90
RURAL SECONDARY ROAD SYSTEM	57,339.40
MUNICIPAL SECONDARY SYSTEM	<u>1,662.29</u>
TOTAL	71,844.99

NORTH CAROLINA STATE HIGHWAY COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE OF ROAD

ALL SYSTEMS

SYSTEM

COMPLETED AS OF January 1, 1963

COUNTY State Totals

DIVISION No. 1-14

TYPE OF ROAD		MILEAGE TOTAL															
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	
NON SURF'D	A PRIMITIVE	00	51.5	2.9	4.9	2.9	1.7	0.4	6.2	1.2	0.8	2.8		17.2		2.4	8.1
	B UNIMPROVED	10	2,154.1	142.5	111.7	167.6	76.6	73.6	149.1	86.0	153.5	272.1	118.1	417.6	28.0	116.2	241.5
	C GRADED AND DRAINED	20	6,746.2	752.3	1,044.9	659.9	542.0	552.9	552.0	571.8	533.0	372.7	200.8	411.4	162.3	215.2	175.0
	D SOIL SURFACED —UNTREATED	30	8,466.6	342.7	433.4	1,068.0	913.9	681.4	1,292.0	182.0	962.7	673.1	214.1	158.0	1,147.7	319.4	78.2
LOW TYPE SURFACES	E GRAVEL OR STONE —UNTREATED	41-43	12,785.6	364.7	179.2	20.1	177.6	1,072.0	34.2	1,429.3	588.1	685.7	957.5	2,585.3	719.0	1,775.4	2,197.5
	TOTAL NON HARD SURFACED		30,204.0	1,605.1	1,774.1	1,918.5	1,711.8	2,380.3	2,033.5	2,270.3	2,238.1	2,006.4	1,490.5	3,589.5	2,057.0	2,428.6	2,700.3
	F BITUMINOUS SURFACE TREATED	F1 TOPSOIL OR SAND-CLAY 51	14,114.9	844.3	224.6	407.8	1,578.9	1,372.9	1,329.5	826.1	1,962.8	1,606.7	1,073.5	433.7	1,785.2	488.6	180.3
	F2 GRAVEL OR STONE 52-53	8,988.2	339.4	115.9	39.0	309.8	468.4	48.1	1,056.7	433.3	595.8	1,354.5	1,346.6	440.5	1,276.1	1,164.1	
HIGH TYPE SURFACES	F3 WATERBOUND MACADAM 54	57.6		1.0			4.0		1.6	0.2	10.3	10.2	11.1	1.8	8.3	9.1	
	G MIXED BITUMINOUS G1 NONRIGID BASE 61	x	595.4	136.3	106.4	214.4	6.4	2.7	125.2		1.6	1.2	0.3		0.7	0.1	0.1
	G2 RIGID BASE 61	x	467.1	74.4	27.3	77.0	18.4	27.0	57.1	67.8	9.5	3.9	7.4	8.1	27.0	33.2	29.0
	H BITUMINOUS PENETRATION H1 NONRIGID BASE 62	24.3	6.3			17.8							0.2				
HIGH TYPE SURFACES	H2 RIGID BASE 62	44.8	0.1		1.1		0.6		7.8	0.4	2.1	6.8	0.2	15.5	8.9	1.3	
	I BITUMINOUS CONCRETE I1 63	7,677.2	215.9	541.8	692.5	1,021.0	622.5	965.1	422.4	529.8	346.4	702.5	239.0	536.2	494.8	347.3	
	SAND ASPHALT —HOT PREMIXED I2 ON P. C. CONCRETE 61	434.8	148.7	102.1	20.9	29.7	9.2	34.8	16.9	24.0	4.1	7.1		8.5	10.1	18.7	
	I3 ON BITUMINOUS CONCRETE 61	273.9	9.4	54.2	17.9	87.3	6.6	17.3	31.1	10.9	14.2	8.8	0.9	9.8	1.0	4.5	
HIGH TYPE SURFACES	I4 ON OTHER TYPES THAN I2 AND I3 61	7,388.3	1,092.6	1,641.5	1,406.1	717.5	315.3	1,011.3	11.7	891.2	80.5	80.6	1.6	101.6	22.9	13.9	
	J PORTLAND CEMENT CONCRETE 70	1,559.6	137.0	84.8	39.9	123.1	212.4	29.9	175.9	114.1	169.8	158.1	54.5	72.4	142.8	44.9	
	K BRICK 80	14.9	0.9	13.4					0.2		0.4						
	L BLOCK 90																
TOTAL HARD SURFACED		41,641.0	3,005.3	2,913.0	2,916.6	3,909.9	3,041.6	3,618.3	2,618.2	3,977.8	2,835.4	3,410.0	2,095.7	2,999.2	2,486.8	1,813.2	
TOTAL MILEAGE		71,845.0	4,610.4	4,687.1	4,835.1	5,621.7	5,421.9	5,651.8	4,888.5	6,215.9	4,841.8	4,900.5	5,685.2	5,056.2	4,915.4	4,513.5	

NORTH CAROLINA STATE HIGHWAY COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE OF ROAD

Rural State Highway

SYSTEM

COMPLETED AS OF January 1, 1963

COUNTY _____ State Totals _____
 DIVISION No. 1-14

TYPE OF ROAD		MILEAGE TOTAL																
			1	2	3	4	5	6	7	8	9	10	11	12	13	14		
NON SURF'D	A PRIMITIVE	00																
	B UNIMPROVED	10	1.2										1.2					
	C GRADED AND DRAINED	20																
	D SOIL SURFACED —UNTREATED	30																
	E GRAVEL OR STONE --UNTREATED	41-43	81.9									5.7		37.8	38.4			
	TOTAL NON HARD SURFACED		83.1								6.9		37.8	38.4				
LOW TYPE SURFACES	F BITUMINOUS SURFACE	51	2,059.3	180.8	17.2	94.7	253.9	244.6	160.5	209.4	243.0	190.9	145.3	104.4	173.9	30.1	10.6	
	F2 GRAVEL OR STONE	52-53	1,687.5	76.3	3.7	1.3	55.6	34.5	14.1	117.9	63.2	117.4	93.5	441.0	40.1	284.3	344.6	
	F3 WATERBOUND MACADAM	54	16.7							1.6				8.9	1.4	4.8		
	G MIXED BITUMINOUS	61	119.5	9.5		59.6			49.2			1.2						
	G2 RIGID BASE	61	338.7	61.7	6.3	54.6	11.2	19.3	46.6	56.1	6.9	0.7	3.2	4.0	23.1	19.5	25.5	
	H BITUMINOUS PENETRATION	62	17.3				17.3											
HIGH TYPE SURFACES	H2 RIGID BASE	62	15.3							3.2			1.4		7.9	2.8		
	I BITUMINOUS CONCRETE I1	63	4,015.9	120.9	309.2	385.8	353.4	285.8	506.0	257.0	232.0	204.0	246.0	196.0	353.6	310.3	255.9	
	SAND ASPHALT —HOT PREMIXED	I2 ON P. C. CONCRETE	61	350.3	130.6	89.3	19.2	22.4	1.9	30.6	8.5	18.1	2.2	0.3		6.8	5.6	14.8
	I3 ON BITUMINOUS CONCRETE	61	146.0	6.6	38.3	8.2	45.8	3.9	13.5	13.5	9.1	6.8	0.3					
	I4 ON OTHER TYPES THAN I2 AND I3	61	1,567.7	246.5	309.5	292.3	153.8	52.4	251.4		176.2	20.1	38.1		5.8	10.5	11.1	
	J PORTLAND CEMENT CONCRETE	70	1,022.1	104.8	62.8	27.3	108.0	145.0	22.9	83.0	87.0	114.5	100.4	17.1	47.2	86.2	15.9	
	K BRICK	80																
	L BLOCK	90																
	TOTAL HARD SURFACED		11,356.3	937.7	836.3	943.0	1,021.4	787.4	1,094.8	750.2	835.5	657.8	628.5	771.4	659.8	754.1	678.4	
	TOTAL MILEAGE		11,439.4	937.7	836.3	943.0	1,021.4	787.4	1,094.8	750.2	835.5	657.8	628.5	778.3	659.8	791.9	716.8	

NORTH CAROLINA STATE HIGHWAY COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE OF ROAD

Municipal State Highway

SYSTEM

COMPLETED AS OF January 1, 1963

COUNTY State Totals

DIVISION No. 1-14

TYPE OF ROAD		MILEAGE TOTAL														
			1	2	3	4	5	6	7	8	9	10	11	12	13	14
NON SURF'D	A PRIMITIVE	00														
	B UNIMPROVED	10	1.54												1.54	
	C GRADED AND DRAINED	20														
	D SOIL SURFACED —UNTREATED	30														
	E GRAVEL OR STONE —UNTREATED	41-43	0.58												0.58	
TOTAL NON HARD SURFACED		2.12												1.54	0.58	
LOW TYPE SURFACES	F BITUMINOUS SURFACE	F1 TOPSOIL OR SAND-CLAY	51	98.71	17.75	1.60	7.66	8.32	9.27	6.82	3.57	25.85	3.86	5.65	4.50	3.15
	TREATED	F2 GRAVEL OR STONE	52-53	86.21	3.57			0.41	3.23	1.83	9.07	4.26	8.57	1.04	24.03	4.76
		F3 WATERBOUND MACADAM	54	1.01										0.34		0.67
	G MIXED BITUMINOUS	G1 NONRIGID BASE	61	15.66	11.52		2.50			0.92					0.72	
	G2 RIGID BASE	61	22.78	3.81		3.99	2.44	0.34	1.03	2.39	0.34	0.25	1.48	0.92	0.73	1.84
HIGH TYPE SURFACES	H BITUMINOUS PENETRATION	H1 NONRIGID BASE	62													
	I BITUMINOUS CONCRETE I1	I2 ON P. C. CONCRETE	61	45.27	4.63	7.91	1.06	5.91	2.12	2.78	7.93	4.50	0.53		1.36	4.50
		I3 ON BITUMINOUS CONCRETE	61	48.54	0.95	1.79	1.24	6.90	2.33	1.62	15.52	0.91	6.62	0.56	0.87	7.39
	I4 ON OTHER TYPES THAN I2 AND I3	61	119.83	24.70	15.26	19.19	6.80	4.48	14.69	0.57	22.34	1.35	1.37		4.81	4.27
	J PORTLAND CEMENT CONCRETE	70	229.70	11.13	8.44	7.75	9.97	42.04	4.75	30.66	13.45	14.24	30.83	11.17	18.73	22.90
K BRICK	80	0.52								0.15		0.37				
L BLOCK	90															
TOTAL HARD SURFACED		1,401.78	99.91	81.55	80.77	96.54	122.65	111.37	154.46	112.79	85.48	110.31	77.15	116.90	100.44	51.46
TOTAL MILEAGE		1,403.90	99.91	81.55	80.77	96.54	122.65	111.37	154.46	112.79	85.48	110.31	78.69	116.90	101.02	51.46

NORTH CAROLINA STATE HIGHWAY COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE OF ROAD

Rural Secondary Road

SYSTEM

COMPLETED AS OF January 1, 1963

COUNTY State Totals
 DIVISION No. 1-14

TYPE OF ROAD		MILEAGE TOTAL	MILEAGE															
			1	2	3	4	5	6	7	8	9	10	11	12	13	14		
NON SURF'D	A PRIMITIVE	00	50.9	2.9	4.9	2.5	1.7	0.4	6.2	1.2	0.8	2.8		17.0		2.4	8.1	
	B UNIMPROVED	10	2,122.0	137.2	108.4	165.4	76.3	72.4	146.8	85.5	149.6	271.6	116.7	412.4	27.0	114.4	238.3	
	C GRADED AND DRAINED	20	6,698.5	747.2	1,034.9	652.2	540.4	551.3	544.9	571.0	528.1	370.0	200.0	407.6	162.0	214.6	174.3	
	D SOIL SURFACED —UNTREATED	30	8,402.7	340.6	429.2	1,060.5	909.3	676.4	1,281.0	181.1	951.5	668.2	212.7	157.3	1,139.8	316.9	78.2	
	E GRAVEL OR STONE —UNTREATED	41-43	12,630.7	364.3	176.3	19.8	177.2	1,068.2	33.9	1,419.1	585.5	683.9	955.3	2,568.0	715.8	1,723.1	2,140.3	
	TOTAL NON HARD SURFACED		29,904.8	1,592.2	1,753.7	1,900.4	1,704.9	2,368.7	2,012.8	2,257.9	2,215.5	1,996.5	1,484.7	3,562.3	2,044.6	2,371.4	2,639.2	
LOW TYPE SURFACES	F BITUMINOUS SURFACE	F1 TOPSOIL OR SAND-CLAY	51	11,463.4	620.4	198.5	289.3	1,272.9	1,069.5	1,112.0	574.1	1,594.7	1,366.7	887.8	310.2	1,574.8	427.7	164.8
	TREATED	F2 GRAVEL OR STONE	52-53	6,915.4	246.0	108.2	36.9	249.6	415.2	30.7	876.2	345.6	452.1	1,226.8	845.1	364.4	946.5	772.1
		F3 WATERBOUND MACADAM	54	35.3		0.5			2.0				10.3	9.3	0.9	0.4	2.8	9.1
	G MIXED BITUMINOUS	G1 NONRIGID BASE	61	431.6	113.5	103.3	131.8	6.2	2.2	73.0		1.6						
	G2 RIGID BASE	61	98.5	8.4	20.1	17.8	3.8	6.2	8.7	9.3	2.3	2.6	2.0	2.8	2.4	11.8	0.3	
	H BITUMINOUS PENETRATION	H1 NONRIGID BASE	62	6.8	6.3			0.5										
HIGH TYPE SURFACES	H2 RIGID BASE	62	20.9	0.1		1.1		0.6		4.5	0.3		4.2		4.3	4.6	1.2	
	I BITUMINOUS CONCRETE I1	63	2,639.4	69.6	163.6	253.0	589.5	249.2	360.9	43.3	240.1	57.5	348.8	5.9	87.7	118.9	51.4	
	I2 ON P. C. CONCRETE	61	23.3	11.3	1.1		0.2	4.5		0.5	0.2	0.2	3.5		0.3		1.5	
	I3 ON BITUMINOUS CONCRETE	61	53.8	1.1	11.9	6.4	29.1		1.2				3.4		0.4	0.3		
	I4 ON OTHER TYPES THAN I2 AND I3	61	5,490.2	802.0	1,270.7	1,058.9	531.8	243.1	719.6	8.2	669.3	54.0	37.1	1.6	87.3	5.9	0.7	
	J PORTLAND CEMENT CONCRETE	70	243.4	17.8	9.4	3.5	3.7	18.3	0.6	52.2	8.8	34.4	23.2	20.1	2.1	28.5	20.8	
	K BRICK	80	12.6	0.1	12.5													
	L BLOCK	90																
	TOTAL HARD SURFACED		27,434.6	1,896.6	1,899.8	1,798.7	2,687.3	2,010.8	2,306.7	1,568.3	2,862.9	1,977.8	2,546.1	1,186.6	2,124.1	1,547.0	1,021.9	
	TOTAL MILEAGE		57,339.4	3,488.8	3,653.5	3,699.1	4,392.2	4,379.5	4,319.5	3,826.2	5,078.4	3,974.3	4,030.8	4,748.9	4,168.7	3,918.4	3,661.1	

NORTH CAROLINA STATE HIGHWAY COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE OF ROAD

Municipal Secondary Road

SYSTEM

COMPLETED AS OF January 1, 1963

COUNTY State Totals
 DIVISION No. 1-14

TYPE OF ROAD		MILEAGE TOTAL														
			1	2	3	4	5	6	7	8	9	10	11	12	13	14
NON SURFD	A PRIMITIVE	00	0.54		0.34									0.20		
	B UNIMPROVED	10	29.54	5.28	3.37	2.19	0.35	1.21	2.31	0.54	3.91	0.47	1.40	2.49	1.03	1.80
	C GRADED AND DRAINED	20	47.77	5.13	10.04	7.73	1.56	1.58	7.09	0.81	4.85	2.74	0.78	3.78	0.32	0.63
	D SOIL SURFACED —UNTREATED	30	63.79	2.06	4.16	7.51	4.61	4.98	10.99	0.87	11.20	4.92	1.41	0.75	7.88	2.45
	E GRAVEL OR STONE —UNTREATED	41-43	72.38	0.40	2.87	0.32	0.44	3.88	0.35	10.22	2.64	1.74	2.17	11.56	3.21	13.85
	TOTAL NON HARD SURFACED		214.02	12.87	20.44	18.09	6.96	11.65	20.74	12.44	22.60	9.87	5.76	18.78	12.44	18.73
LOW TYPE SURFACES	F BITUMINOUS SURFACE TREATED	F1 TOPSOIL OR SAND-CLAY	51	493.44	25.43	7.34	16.04	43.79	49.50	50.24	38.98	99.25	45.18	34.76	14.56	33.39
		F2 GRAVEL OR STONE	52-53	299.06	13.45	4.06	0.81	4.16	15.46	1.48	53.49	20.20	17.68	33.20	36.50	31.18
		F3 WATERBOUND MACADAM	54	4.49		0.48			2.03			0.17		0.92	0.89	
	G MIXED BITUMINOUS	G1 NONRIGID BASE	61	28.64	1.80	3.10	20.53	0.23	0.48	2.09				0.29		0.07
		G2 RIGID BASE	61	x	7.06	0.44	0.90	0.58	0.98	1.23	0.64		0.31	0.66	0.44	0.76
	H BITUMINOUS PENETRATION	H1 NONRIGID BASE	62	0.20										0.20		
		H2 RIGID BASE	62	4.24								0.10	0.06	2.13	1.11	0.20
	I BITUMINOUS CONCRETE I1	I1 ON P. C. CONCRETE	63	293.00	3.50	22.46	16.33	22.31	28.73	21.34	37.46	16.54	35.25	38.42	1.83	22.48
	SAND ASPHALT —HOT PREMIXED	I2 ON BITUMINOUS CONCRETE	61	15.78	2.22	3.76	0.58	1.21	0.67	1.38		1.16	1.24	3.28		0.28
		I3 ON OTHER TYPES THAN I2 AND I3	61	25.50	0.74	2.16	2.06	5.50	0.40	0.96	2.12	0.94	0.77	4.55		1.96
		I4 ON OTHER TYPES THAN I2 AND I3	61	210.54	19.37	45.99	35.70	25.13	15.30	25.64	2.93	23.40	5.09	4.00		3.66
	J PORTLAND CEMENT CONCRETE	70	64.52	3.32	4.25	1.43	1.37	6.96	1.64	10.02	4.84	6.68	3.72	6.14	4.41	5.16
	K BRICK	80	1.80	0.87	0.88				0.05							
	L BLOCK	90														
	TOTAL HARD SURFACED		1,448.27	71.14	95.38	94.06	104.68	120.76	105.41	145.15	166.56	114.33	125.11	60.56	98.35	85.35
	TOTAL MILEAGE		1,662.29	84.01	115.82	112.15	111.64	132.41	126.15	157.59	189.16	124.20	130.87	79.34	110.79	104.08

NORTH CAROLINA STATE HIGHWAY COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE OF ROAD

Rural State Highway

SYSTEM

COMPLETED AS OF January 1, 1963

COUNTY Division Totals

DIVISION No. 1

TYPE OF ROAD		MILEAGE TOTAL	COUNTY Division Totals												
			Bertie	Camden	Chowan	Currituck	Dare	Gates	Hertford	Hyde	Martin	Northhampton	Pasquotank	Tyrrell	Washington
NON SURF'D	A PRIMITIVE	00													
	B UNIMPROVED	10													
	C GRADED AND DRAINED	20													
	D SOIL SURFACED —UNTREATED	30													
	E GRAVEL OR STONE —UNTREATED	41-43													
TOTAL NON HARD SURFACED															
LOW TYPE SURFACES	F BITUMINOUS SURFACE TREATED	F ₁ TOPSOIL OR SAND-CLAY 51	180.8	33.1	4.9		1.7		36.5	22.2	37.9	42.1		2.4	
		F ₂ GRAVEL OR STONE 52-53	76.3				2.3	33.7	0.6	2.2	0.1	9.6	6.7	6.9	5.8 8.4
		F ₃ WATERBOUND MACADAM 54													
	G MIXED BITUMINOUS	G ₁ NONRIGID BASE X 61	9.5					9.5							
	G MIXED BITUMINOUS	G ₂ RIGID BASE X 61	61.7				5.0		29.6			5.7	15.5	0.8	5.1
	H BITUMINOUS PENETRATION	H ₁ NONRIGID BASE 62													
		H ₂ RIGID BASE 62													
	I BITUMINOUS CONCRETE I ₁	I ₁ 63	120.9	28.4					30.6		22.4	39.1		0.4	
	SAND ASPHALT —HOT PREMIXED	I ₂ ON P. C. CONCRETE 61	130.6		17.6	3.0	34.1		0.2	15.3	5.0		17.3	15.2	5.8 17.1
		I ₃ ON BITUMINOUS CONCRETE 61	6.6	6.0	0.2		0.4								
HIGH TYPE SURFACES		I ₄ ON OTHER TYPES THAN I ₂ AND I ₃ 61	246.4	24.8	22.0	24.3	25.0	23.3	36.0		24.3	6.6	3.7	8.2	8.4 26.7 13.1
	J PORTLAND CEMENT CONCRETE	70	104.9	12.0		18.8	0.4	5.3	8.2	9.3		16.2	19.7	1.7	3.1 1.2 9.0
	K BRICK	80													
	L BLOCK	90													
	TOTAL HARD SURFACED		937.7	104.3	44.7	46.1	68.9	71.8	74.4	78.8	61.9	103.4	126.8	34.9	26.7 47.4 47.6
	TOTAL MILEAGE		937.7	104.3	44.7	46.1	68.9	71.8	74.4	78.8	61.9	103.4	126.8	34.9	26.7 47.4 47.6

NORTH CAROLINA STATE HIGHWAY COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE OF ROAD

Rural State Highway

SYSTEM

COMPLETED AS OF

January 1,

1963

COUNTY Division Totals

DIVISION No. 2

TYPE OF ROAD		MILEAGE TOTAL	COUNTY Division Totals							
			Beauford	Carteret	Craven	Greene	Jones	Lenoir	Pamlico	Pitt
A PRIMITIVE	00									
B UNIMPROVED	10									
C GRADED AND DRAINED	20									
D SOIL SURFACED —UNTREATED	30									
E GRAVEL OR STONE —UNTREATED	41-43									
TOTAL NON HARD SURFACED										
F BITUMINOUS SURFACE TREATED	F ₁ TOPSOIL OR SAND-CLAY	51	17.2			6.0			11.2	
	F ₂ GRAVEL OR STONE	52-53	3.7	1.9	1.1	0.7				
	F ₃ WATERBOUND MACADAM	54								
	G MIXED BITUMINOUS	61								
G MIXED BITUMINOUS	G ₁ NONRIGID BASE	61								
	G ₂ RIGID BASE	61	6.3	1.3	5.0					
	H BITUMINOUS PENETRATION	62								
	H ₁ NONRIGID BASE	62								
I BITUMINOUS CONCRETE I ₁ SAND ASPHALT —HOT PREMIXED	I ₁ ON P. C. CONCRETE	61	309.2	64.4	26.8	51.9	32.8	14.0	45.7	25.3
	I ₃ ON BITUMINOUS CONCRETE	61	38.3		6.0	7.1		31.0	0.5	42.3
	I ₄ ON OTHER TYPES THAN I ₂ AND I ₃	61	309.5	44.2	49.3	35.3	25.4	23.6	35.3	26.7
	J PORTLAND CEMENT CONCRETE	70	62.8	33.0		12.7	0.2	1.7	1.0	14.2
K BRICK	80									
L BLOCK	90									
TOTAL HARD SURFACED		836.3	147.2	82.1	123.5	76.2	70.3	99.2	52.0	185.8
TOTAL MILEAGE		836.3	147.2	82.1	123.5	76.2	70.3	99.2	52.0	185.8

**NORTH CAROLINA STATE HIGHWAY COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE OF ROAD**

Rural State Highway

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COMPLETED AS OF January

—1963

COUNTY Division Totals

DIVISION No. 3

TYPE OF ROAD		MILEAGE TOTAL									
NON SURF'D	Brunswick	Duplin	New Hanover	Onslow	Pender	Sampson					
	A PRIMITIVE	00									
	B UNIMPROVED	10									
	C GRADED AND DRAINED	20									
	D SOIL SURFACED —UNTREATED	30									
	E GRAVEL OR STONE —UNTREATED	41-43									
	TOTAL NON HARD SURFACED										
	F BITUMINOUS SURFACE	F1 TOPSOIL OR SAND-CLAY	51	94.7	5.0	1.2	6.3	82.2			
	TREATED	F2 GRAVEL OR STONE	52-53	1.3				1.3			
		F3 WATERBOUND MACADAM	54								
LOW TYPE SURFACES	G MIXED BITUMINOUS	G1 NONRIGID BASE	61	59.6	22.4	10.5	1.6	12.2	11.0	1.9	
	G MIXED BITUMINOUS	G2 RIGID BASE	61	54.6	28.5	8.2			4.4	13.5	
	H BITUMINOUS PENETRATION	H1 NONRIGID BASE	62								
	H2 RIGID BASE	62									
	I BITUMINOUS CONCRETE I1	63	385.8	43.2	83.8	60.0	49.8	97.6	51.4		
	SAND ASPHALT —HOT PREMIXED	I2 ON P. C. CONCRETE	61	19.2					19.2		
		I3 ON BITUMINOUS CONCRETE	61	8.2				8.2			
		I4 ON OTHER TYPES THAN I2 AND I3	61	292.3	77.2	49.7	6.7	71.2	45.6	41.9	
HIGH TYPE SURFACES	J PORTLAND CEMENT CONCRETE	70	27.3	1.8	15.1	0.6		0.4	9.4		
	K BRICK	80									
	L BLOCK	90									
	TOTAL HARD SURFACED		943.0	173.1	172.3	70.1	141.4	165.3	220.8		
	TOTAL MILEAGE		943.0	173.1	172.3	70.1	141.4	165.3	220.8		

NORTH CAROLINA STATE HIGHWAY COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE OF ROAD

Rural State Highway

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COMPLETED AS OF January 1, 1963

COUNTY Division Totals

DIVISION No. 4

TYPE OF ROAD		MILEAGE TOTAL						
			Edgecombe	Halifax	Johnston	Nash	Wayne	Wilson
NON SURF'D	A PRIMITIVE	00						
	B UNIMPROVED	10						
	C GRADED AND DRAINED	20						
LOW TYPE SURFACES	D SOIL SURFACED —UNTREATED	30						
	E GRAVEL OR STONE —UNTREATED	41-43						
	TOTAL NON HARD SURFACED							
HIGH TYPE SURFACES	F BITUMINOUS SURFACE TREATED	F1 TOPSOIL OR SAND-CLAY 51	253.9	35.9	57.6	65.9	73.0	9.0 12.5
		F2 GRAVEL OR STONE 52-53	55.6	4.3	0.1	23.2	1.4	15.2 11.4
		F3 WATERBOUND MACADAM 54						
	G MIXED BITUMINOUS	G1 NONRIGID BASE 61						
		G2 RIGID BASE 61	11.2	11.2				
	H BITUMINOUS PENETRATION	H1 NONRIGID BASE 62	17.3			17.3		
		H2 RIGID BASE 62						
	I BITUMINOUS CONCRETE I1	63	353.4	23.3	73.7	71.1	36.0	89.3 60.0
	SAND ASPHALT —HOT PREMIXED	I2 ON P. C. CONCRETE 61	22.4	12.2	2.2	0.1	6.7	1.2
		I3 ON BITUMINOUS CONCRETE 61	45.8	17.4	12.9	13.7		1.5 0.3
		I4 ON OTHER TYPES THAN I2 AND I3 61	153.8	11.5	13.3	44.2	32.0	30.0 22.8
	J PORTLAND CEMENT CONCRETE	70	108.0	39.0	14.5	28.9	18.5	0.2 6.9
	K BRICK	80						
	L BLOCK	90						
	TOTAL HARD SURFACED		1,021.4	154.8	174.3	264.4	167.6	145.2 115.1
	TOTAL MILEAGE		1,021.4	154.8	174.3	264.4	167.6	145.2 115.1

NORTH CAROLINA STATE HIGHWAY COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE OF ROAD

Rural State Highway

SYSTEM

COMPLETED AS OF January 1, 1963

COUNTY Division Totals

DIVISION No. 5

TYPE OF ROAD		MILEAGE TOTAL	COUNTY Division Totals							
			Durham	Franklin	Granville	Person	Vance	Wake	Warren	Other
NON SURFED	A PRIMITIVE	00								
	B UNIMPROVED	10								
	C GRADED AND DRAINED	20								
	D SOIL SURFACED —UNTREATED	30								
	E GRAVEL OR STONE —UNTREATED	41-43								
	TOTAL NON HARD SURFACED									
LOW TYPE SURFACES	F BITUMINOUS SURFACE TREATED	51	244.6	9.7	71.1	46.6	45.9	21.7	27.9	21.7
	F2 GRAVEL OR STONE	52-53	34.5	0.1	5.6	16.8	11.0		1.0	
	F3 WATERBOUND MACADAM	54								
	G MIXED BITUMINOUS	61	x							
	G2 RIGID BASE	61	19.3	9.3			10.0			
	H BITUMINOUS PENETRATION	62								
HIGH TYPE SURFACES	H2 RIGID BASE	62								
	I BITUMINOUS CONCRETE I1	63	285.8	18.3	46.0	29.4	13.3	25.3	129.3	24.2
	SAND ASPHALT —HOT PREMIXED	I2 ON P. C. CONCRETE	61	1.9	0.1			1.8		
	I3 ON BITUMINOUS CONCRETE	61	3.9						3.9	
	I4 ON OTHER TYPES THAN I2 AND I3	61	52.4		6.4		8.7	37.3		
	J PORTLAND CEMENT CONCRETE	70	145.0	36.5	18.9	9.3	9.4	9.2	26.5	35.2
K BRICK	80									
L BLOCK	90									
TOTAL HARD SURFACED		787.4	74.0	148.0	102.1	89.6	66.7	225.9	81.1	
TOTAL MILEAGE		787.4	74.0	148.0	102.1	89.6	66.7	225.9	81.1	

NORTH CAROLINA STATE HIGHWAY COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE OF ROAD

Rural State Highway

SYSTEM

COMPLETED AS OF January 1, 1963

COUNTY Division Totals

DIVISION No. 6

TYPE OF ROAD		MILEAGE TOTAL	HARNETT COUNTY				
			Bladen	Columbus	Cumberland	Harnett	Robeson
NON SURFED	A PRIMITIVE	00					
	B UNIMPROVED	10					
	C GRADED AND DRAINED	20					
	D SOIL SURFACED —UNTREATED	30					
	E GRAVEL OR STONE —UNTREATED	41-43					
TOTAL NON HARD SURFACED							
LOW TYPE SURFACES	F BITUMINOUS SURFACE TREATED	51	160.5	29.8	13.2	7.0	30.7
	F ₂ GRAVEL OR STONE	52-53	14.1		8.1	0.3	5.1
	F ₃ WATERBOUND MACADAM	54					0.6
	G MIXED BITUMINOUS	61	49.2	25.5	8.5	15.2	
	G ₂ RIGID BASE	61	46.6	37.3		0.8	8.5
HIGH TYPE SURFACES	H BITUMINOUS PENETRATION	62					
	H ₂ RIGID BASE	62					
	I BITUMINOUS CONCRETE I ₁	63	506.0	88.0	92.4	136.0	113.2
	SAND ASPHALT —HOT PREMIXED	I ₂ ON P. C. CONCRETE	61	30.6	13.4	12.0	
	I ₃ ON BITUMINOUS CONCRETE	61	13.5				13.5
	I ₄ ON OTHER TYPES THAN I ₂ AND I ₃	61	251.4	66.2	79.5	12.8	14.2
	J PORTLAND CEMENT CONCRETE	70	22.9			6.4	8.6
	K BRICK	80					
	L BLOCK	90					
TOTAL HARD SURFACED		1,094.8	260.2	213.7	178.5	171.8	270.6
TOTAL MILEAGE		1,094.8	260.2	213.7	178.5	171.8	270.6

NORTH CAROLINA STATE HIGHWAY COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE OF ROAD

Rural State Highway

SYSTEM

COMPLETED AS OF January 1, 19⁶³

COUNTY Division Totals

DIVISION No. 7

TYPE OF ROAD		MILEAGE TOTAL										
			Alamance	Caswell	Guilford	Orange	Rockingham					
NON SURFED	A PRIMITIVE	00										
	B UNIMPROVED	10										
	C GRADED AND DRAINED	20										
	D SOIL SURFACED —UNTREATED	30										
	E GRAVEL OR STONE --UNTREATED	41-43										
TOTAL NON HARD SURFACED												
LOW TYPE SURFACES	F BITUMINOUS SURFACE TREATED	51	209.4	55.4	35.6	30.8	38.9	48.7				
	F ₂ GRAVEL OR STONE	52-53	117.9	15.2	32.3	19.5	18.4	32.5				
	F ₃ WATERBOUND MACADAM	54	x	1.6			1.6					
	G MIXED BITUMINOUS	61										
	G ₂ RIGID BASE	61	x	56.1		36.3	9.0	0.6	10.2			
HIGH TYPE SURFACES	H BITUMINOUS PENETRATION	62										
	H ₂ RIGID BASE	62		3.2	0.4		2.8					
I BITUMINOUS CONCRETE I ₁	63	257.0	41.8	11.4	103.7	26.1	74.0					
SAND ASPHALT —HOT PREMIXED	I ₂ ON P. C. CONCRETE	61	8.5	6.3		2.2						
	I ₃ ON BITUMINOUS CONCRETE	61	13.5			13.5						
	I ₄ ON OTHER TYPES THAN I ₂ AND I ₃	61										
J PORTLAND CEMENT CONCRETE	70	83.0	10.9	8.4	29.1	24.9	9.7					
K BRICK	80											
L BLOCK	90											
TOTAL HARD SURFACED		750.2	130.0	124.0	212.2	108.9	175.1					
TOTAL MILEAGE		750.2	130.0	124.0	212.2	108.9	175.1					

NORTH CAROLINA STATE HIGHWAY COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE OF ROAD

Rural State Highway

SYSTEM

COMPLETED AS OF January 1, 1963

COUNTY Division Totals

DIVISION No. 8

TYPE OF ROAD		MILEAGE TOTAL	COUNTY Division Totals									
			Chatham	Hoke	Lee	Montgomery	Moore	Randolph	Richmond	Scotland	Other	Other
NON SURF'D	A PRIMITIVE	00										
	B UNIMPROVED	10										
	C GRADED AND DRAINED	20										
	D SOIL SURFACED —UNTREATED	30										
	E GRAVEL OR STONE —UNTREATED	41-43										
	TOTAL NON HARD SURFACED											
LOW TYPE SURFACES	F BITUMINOUS SURFACE TREATED	51	243.0	36.5	7.0	22.5	28.9	54.4	63.3	26.0	4.4	
	F2 GRAVEL OR STONE	52-53	63.2	19.6		6.0	14.6	4.2	18.5	0.3		
	F3 WATERBOUND MACADAM	54										
	G MIXED BITUMINOUS	61										
	G2 RIGID BASE	61	6.9			1.5			3.6	1.8		
	H BITUMINOUS PENETRATION	62										
	H2 RIGID BASE	62										
	I BITUMINOUS CONCRETE I1	63	232.0	17.5	6.0	33.2	44.8	23.9	69.8	18.0	18.8	
	SAND ASPHALT —HOT PREMIXED	I2 ON P. C. CONCRETE	61	18.1	0.3	2.4		7.2	0.4	2.5	5.3	
	I3 ON BITUMINOUS CONCRETE	61	9.1		3.1				4.2	1.8		
HIGH TYPE SURFACES	I4 ON OTHER TYPES THAN I2 AND I3	61	176.2	0.2	35.2	0.2		57.8		46.9	35.9	
	J PORTLAND CEMENT CONCRETE	70	87.0	48.3	0.6	6.6	17.2	6.1	7.9	0.3		
	K BRICK	80										
	L BLOCK	90										
TOTAL HARD SURFACED		835.5	122.4	54.3	68.5	107.0	153.6	164.1	99.4	66.2		
TOTAL MILEAGE		835.5	122.4	54.3	68.5	107.0	153.6	164.1	99.4	66.2		

NORTH CAROLINA STATE HIGHWAY COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE OF ROAD

Rural State Highway

SYSTEM

COMPLETED AS OF January 1, 19⁶³

COUNTY Division Totals
 DIVISION No. 9

TYPE OF ROAD		MILEAGE TOTAL	County Totals					
			Davidson	Davie	Forsyth	Rowan	Stokes	Other
NON SURF'D	A PRIMITIVE	00						
	B UNIMPROVED	10						
	C GRADED AND DRAINED	20						
	D SOIL SURFACED —UNTREATED	30						
	E GRAVEL OR STONE —UNTREATED	41-43						
TOTAL NON HARD SURFACED								
LOW TYPE SURFACES	F BITUMINOUS SURFACE TREATED	51	190.9	55.5	26.1	25.7	19.0	64.6
	F ₂ GRAVEL OR STONE	52-53	117.4	13.3	27.1	22.6	5.9	48.5
	F ₃ WATERBOUND MACADAM	54						
	G MIXED BITUMINOUS	61	1.2			1.2		
	G ₂ RIGID BASE	61	0.7			0.7		
HIGH TYPE SURFACES	H BITUMINOUS PENETRATION	62						
	H ₂ RIGID BASE	62						
	I BITUMINOUS CONCRETE I ₁	63	204.0	47.0	29.2	71.7	46.2	9.9
	SAND ASPHALT —HOT PREMIXED	I ₂ ON P. C. CONCRETE	61	2.2	2.2			
	I ₃ ON BITUMINOUS CONCRETE	61	6.8			6.8		
	I ₄ ON OTHER TYPES THAN I ₂ AND I ₃	61	20.1	11.5		8.6		
	J PORTLAND CEMENT CONCRETE	70	114.5	23.0	1.9	38.0	33.4	18.2
	K BRICK	80						
	L BLOCK	90						
TOTAL HARD SURFACED		657.8	152.5	84.3	159.2	120.6	141.2	
TOTAL MILEAGE		657.8	152.5	84.3	159.2	120.6	141.2	

**NORTH CAROLINA STATE HIGHWAY COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE OF ROAD**

Rural State Highway

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COUNTY _____ **Division Totals**
DIVISION No. _____ **10**

NORTH CAROLINA STATE HIGHWAY COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE OF ROAD

Rural State Highway

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COMPLETED AS OF January 1, 1963

COUNTY Division Totals
 DIVISION No. 11

TYPE OF ROAD		MILEAGE TOTAL	COUNTY Division Totals							
			Alleghany	Ashe	Avery	Caldwell	Surry	Watauga	Wilkes	Yadkin
NON SURFED	A PRIMITIVE	00								
	B UNIMPROVED	10	1.2			1.2				
	C GRADED AND DRAINED	20								
LOW TYPE SURFACES	D SOIL SURFACED —UNTREATED	30								
	E GRAVEL OR STONE —UNTREATED	41-43	5.7		5.7					
	TOTAL NON HARD SURFACED		6.9		6.9					
	F BITUMINOUS SURFACE	F1 TOPSOIL OR SAND-CLAY	51	104.4		22.4	63.1	18.2	0.7	
	TREATED	F2 GRAVEL OR STONE	52-53	441.0	62.1	103.3	61.4	42.8	30.8	61.0
		F3 WATERBOUND MACADAM	54	8.9	4.7	4.2				68.8
	G MIXED BITUMINOUS	G1 NONRIGID BASE	61							
	G MIXED BITUMINOUS	G2 RIGID BASE	61	4.0		4.0				
	H BITUMINOUS PENETRATION	H1 NONRIGID BASE	62							
		H2 RIGID BASE	62							
HIGH TYPE SURFACES	I BITUMINOUS CONCRETE I1	I1	63	196.0	2.2	5.6	5.5	28.4	18.6	28.9
	SAND ASPHALT —HOT PREMIXED	I2 ON P. C. CONCRETE	61							
		I3 ON BITUMINOUS CONCRETE	61							
		I4 ON OTHER TYPES THAN I2 AND I3	61							
	J PORTLAND CEMENT CONCRETE	70	17.1		3.4	8.1	3.0	2.6		
	K BRICK	80								
	L BLOCK	90								
TOTAL HARD SURFACED		771.4	69.0	108.9	78.5	101.7	115.5	89.9	139.2	68.7
TOTAL MILEAGE		778.3	69.0	108.9	78.5	108.6	115.5	89.9	139.2	68.7

NORTH CAROLINA STATE HIGHWAY COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE OF ROAD

Rural State Highway

SYSTEM

COMPLETED AS OF January 1, 1963

COUNTY Division Totals

DIVISION No. 12

TYPE OF ROAD		MILEAGE TOTAL	COUNTRIES					
			Alexander	Catawba	Cleveland	Gaston	Iredell	Lincoln
NON SURF'D	A PRIMITIVE	00						
	B UNIMPROVED	10						
	C GRADED AND DRAINED	20						
	D SOIL SURFACED —UNTREATED	30						
	E GRAVEL OR STONE —UNTREATED	41-43						
TOTAL NON HARD SURFACED								
LOW TYPE SURFACES	F BITUMINOUS SURFACE TREATED	51	173.9	9.5	13.9	58.5	6.9	33.2
	F ₂ GRAVEL OR STONE	52-53	40.1	6.8	15.2	4.6	13.0	0.5
	F ₃ WATERBOUND MACADAM	54	1.4			1.4		
	G MIXED BITUMINOUS	61	x					
	G ₂ RIGID BASE	61	23.1	9.1			9.9	4.1
HIGH TYPE SURFACES	H BITUMINOUS PENETRATION	62						
	H ₂ RIGID BASE	62	7.9			7.9		
	I BITUMINOUS CONCRETE I ₁	63	353.6	19.1	46.9	88.6	53.6	101.0
	SAND ASPHALT —HOT PREMIXED	I ₂ ON P. C. CONCRETE	61	6.8			6.8	
	I ₃ ON BITUMINOUS CONCRETE	61						
	I ₄ ON OTHER TYPES THAN I ₂ AND I ₃	61	5.8		3.3	2.5		
	J PORTLAND CEMENT CONCRETE	70	47.2		25.7	0.1	11.0	10.4
	K BRICK	80						
	L BLOCK	90						
TOTAL HARD SURFACED		659.8	44.5	101.7	156.5	111.6	145.1	100.4
TOTAL MILEAGE		659.8	44.5	101.7	156.5	111.6	145.1	100.4

**NORTH CAROLINA STATE HIGHWAY COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE OF ROAD**

Rural State Highwa

SYSTEM

COMPLETED AS OF January 1

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COUNTY Division Totals

DIVISION No. 13

TYPE OF ROAD		MILEAGE TOTAL									
BUNCOMBE	BURKE		MADISON	MCDOWELL	MITCHELL	RUTHERFORD	YANCEY				
NON SURF'D	A PRIMITIVE	00									
	B UNIMPROVED	10									
	C GRADED AND DRAINED	20									
	D SOIL SURFACED —UNTREATED	30									
	E GRAVEL OR STONE —UNTREATED	41-43	37.8	12.3		19.6			5.9		
	TOTAL NON HARD SURFACED		37.8	12.3		19.6			5.9		
LOW TYPE SURFACES	F BITUMINOUS SURFACE TREATED	F1 TOPSOIL OR SAND-CLAY	51	30.1		4.0			16.6	9.5	
		F2 GRAVEL OR STONE	52-53	284.3	28.3	52.4	61.5	41.5	37.1	7.6	55.9
		F3 WATERBOUND MACADAM	54	4.8					4.8		
	G MIXED BITUMINOUS	G1 NONRIGID BASE	61								
	G MIXED BITUMINOUS	G2 RIGID BASE	61	19.5	8.7				3.4	4.6	2.8
	H BITUMINOUS PENETRATION	H1 NONRIGID BASE	62								
		H2 RIGID BASE	62	2.8					2.0	0.8	
HIGH TYPE SURFACES	I BITUMINOUS CONCRETE	I1	63	310.3	80.3	50.5	28.4	67.4	9.8	60.3	13.6
	SAND ASPHALT —HOT PREMIXED	I2 ON P. C. CONCRETE	61	5.6	5.6						
		I3 ON BITUMINOUS CONCRETE	61								
		I4 ON OTHER TYPES THAN I2 AND I3	61	10.5		0.5	9.7			0.3	
	J PORTLAND CEMENT CONCRETE	70	86.2	22.5	29.1		28.8	2.1	3.7		
	K BRICK	80									
	L BLOCK	90									
TOTAL HARD SURFACED		754.1	145.4	136.5	99.6	137.7	59.2	93.9	81.8		
TOTAL MILEAGE		791.9	157.7	136.5	119.2	137.7	59.2	93.9	87.7		

NORTH CAROLINA STATE HIGHWAY COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE OF ROAD

Rural State Highway

SYSTEM

COMPLETED AS OF January 1, 19 63

COUNTY Division Totals
 DIVISION No. 14

TYPE OF ROAD		MILEAGE TOTAL	COUNTY Division Totals									
			Cherokee	Clay	Graham	Haywood	Henderson	Jackson	Macon	Polk	Swain	Transylvania
NON SURF'D	A PRIMITIVE	00										
	B UNIMPROVED	10										
	C GRADED AND DRAINED	20										
LOW TYPE SURFACES	D SOIL SURFACED —UNTREATED	30										
	E GRAVEL OR STONE —UNTREATED	41-43	38.4			23.4		9.8			5.2	
	TOTAL NON HARD SURFACED		38.4			23.4		9.8			5.2	
	F BITUMINOUS SURFACE TREATED	F₁ TOPSOIL OR SAND-CLAY 51	10.6							10.6		
		F₂ GRAVEL OR STONE 52-53	344.6	24.0	27.0	52.3	36.0	2.1	48.9	50.6	12.4	37.3
		F₃ WATERBOUND MACADAM 54	x									54.0
	G MIXED BITUMINOUS	G₁ NONRIGID BASE 61	x									
		G₂ RIGID BASE 61	25.5				2.7		8.8	8.4		5.6
	H BITUMINOUS PENETRATION	H₁ NONRIGID BASE 62										
		H₂ RIGID BASE 62										
HIGH TYPE SURFACES	I BITUMINOUS CONCRETE I₁	63	255.9	39.0	4.6		34.1	63.4	43.6	21.5	6.8	31.7
	SAND ASPHALT —HOT PREMIXED	I₂ ON P. C. CONCRETE 61	14.8				4.9	9.9				
		I₃ ON BITUMINOUS CONCRETE 61										
		I₄ ON OTHER TYPES THAN I₂ AND I₃ 61	11.1				0.6				10.5	
	J PORTLAND CEMENT CONCRETE	70	15.9	4.5				3.1	1.0	7.0	0.3	
	K BRICK	80										
	L BLOCK	90										
TOTAL HARD SURFACED		678.4	67.5	31.6	52.3	78.3	78.5	102.3	87.5	40.6	69.0	70.8
TOTAL MILEAGE		716.8	67.5	31.6	52.3	101.7	78.5	112.1	87.5	40.6	69.0	76.0

**NORTH CAROLINA STATE HIGHWAY COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE OF ROAD**

Municipal State Highw

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COUNTY _____ Division Totals
DIVISION No. _____ 1

NORTH CAROLINA STATE HIGHWAY COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE OF ROAD

Municipal State Highway

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COMPLETED AS OF January 1, 1963

COUNTY Division Totals
 DIVISION No. 2

TYPE OF ROAD		MILEAGE TOTAL	COUNTY Division Totals									
			Beaufort	Carteret	Craven	Greene	Jones	Lenoir	Pamlico	Pitt	Other	Other
NON SURFD	A PRIMITIVE	00										
	B UNIMPROVED	10										
	C GRADED AND DRAINED	20										
	D SOIL SURFACED —UNTREATED	30										
	E GRAVEL OR STONE —UNTREATED	41-43										
TOTAL NON HARD SURFACED												
LOW TYPE SURFACES	F BITUMINOUS SURFACE TREATED	51	1.60			0.62			0.98			
	F2 GRAVEL OR STONE	52-53										
	F3 WATERBOUND MACADAM	54										
	G MIXED BITUMINOUS	61	x									
	G2 RIGID BASE	61	x									
HIGH TYPE SURFACES	H BITUMINOUS PENETRATION	62										
	H2 RIGID BASE	62										
	I BITUMINOUS CONCRETE I1	63	46.55	5.23	6.39	9.43	2.00	1.82	7.20	2.84	11.64	
	SAND ASPHALT —HOT PREMIXED	I2 ON P. C. CONCRETE	61	7.91	2.54		0.29		0.22	1.70	3.16	
	I3 ON BITUMINOUS CONCRETE	61	1.79	0.45		0.17	0.19	0.98				
	I4 ON OTHER TYPES THAN I2 AND I3	61	15.26	1.51	1.90	2.62	1.02		0.89	2.43	4.89	
	J PORTLAND CEMENT CONCRETE	70	8.44	2.90		0.47	0.13	0.62	0.02	0.35	3.95	
	K BRICK	80										
	L BLOCK	90										
TOTAL HARD SURFACED		81.55	12.63	8.29	12.52	4.23	2.63	9.31	7.32	24.62		
TOTAL MILEAGE		81.55	12.63	8.29	12.52	4.23	2.63	9.31	7.32	24.62		

NORTH CAROLINA STATE HIGHWAY COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE OF ROAD

Municipal State Highway

SYSTEM

COMPLETED AS OF January 1, 1963

COUNTY Division Totals

DIVISION No. 3

TYPE OF ROAD		MILEAGE TOTAL						
			Brunswick	Duplin	New Hanover	Onslow	Pender	Sampson
NON SURFD	A PRIMITIVE	00						
	B UNIMPROVED	10						
	C GRADED AND DRAINED	20						
	D SOIL SURFACED —UNTREATED	30						
	E GRAVEL OR STONE —UNTREATED	41-43						
TOTAL NON HARD SURFACED								
LOW TYPE SURFACES	F BITUMINOUS SURFACE TREATED	F1 TOPSOIL OR SAND-CLAY 51	7.66		1.03		0.40	6.23
	F2 GRAVEL OR STONE 52-53							
	F3 WATERBOUND MACADAM 54							
	G MIXED BITUMINOUS	G1 NONRIGID BASE 61	2.50	0.80			0.82	0.88
	G2 RIGID BASE 61	x	3.99	2.10	0.68			1.21
HIGH TYPE SURFACES	H BITUMINOUS PENETRATION	H1 NONRIGID BASE 62						
	H2 RIGID BASE 62							
	I BITUMINOUS CONCRETE I1	I1 63	37.38	0.13	10.47	10.35	4.21	4.55
	SAND ASPHALT —HOT PREMIXED	I2 ON P. C. CONCRETE 61		1.06				1.06
	I3 ON BITUMINOUS CONCRETE 61		1.24			0.86		0.38
	I4 ON OTHER TYPES THAN I2 AND I3 61		19.19	6.16	3.94	3.10	1.80	1.04
	J PORTLAND CEMENT CONCRETE 70		7.75		4.28	0.04		3.43
	K BRICK 80							
	L BLOCK 90							
TOTAL HARD SURFACED		80.77	9.19	20.40	13.49	6.87	6.81	24.01
TOTAL MILEAGE		80.77	9.19	20.40	13.49	6.87	6.81	24.01

NORTH CAROLINA STATE HIGHWAY COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE OF ROAD

Municipal State Highway

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COMPLETED AS OF January 1, 1963

COUNTY Division Totals

DIVISION No. 4

TYPE OF ROAD		MILEAGE TOTAL	Edgecombe Halifax Johnston Nash Wayne Wilson											
			Edgecombe	Halifax	Johnston	Nash	Wayne	Wilson	Edgecombe	Halifax	Johnston	Nash	Wayne	Wilson
NON SURFD	A PRIMITIVE	00												
	B UNIMPROVED	10												
	C GRADED AND DRAINED	20												
	D SOIL SURFACED —UNTREATED	30												
	E GRAVEL OR STONE —UNTREATED	41-43												
	TOTAL NON HARD SURFACED													
LOW TYPE SURFACES	F BITUMINOUS SURFACE TREATED	51	8.32	0.50	0.63	1.49	3.45	0.73	1.52					
	F1 TOPSOIL OR SAND-CLAY	51	8.32	0.50	0.63	1.49	3.45	0.73	1.52					
	F2 GRAVEL OR STONE	52-53	0.41		0.26		0.15							
	F3 WATERBOUND MACADAM	54												
	G MIXED BITUMINOUS	x												
	G1 NONRIGID BASE	61												
HIGH TYPE SURFACES	G MIXED BITUMINOUS	x												
	G2 RIGID BASE	61	2.44	0.98	0.16		1.30							
	H BITUMINOUS PENETRATION	62												
	H1 NONRIGID BASE	62												
	H2 RIGID BASE	62												
	I BITUMINOUS CONCRETE I ₁	63	55.79	5.83	8.75	6.78	10.87	14.70	8.86					
SAND ASPHALT —HOT PREMIXED	I ₂ ON P. C. CONCRETE	61	5.91	0.85	1.27	1.06	1.56		1.17					
	I ₃ ON BITUMINOUS CONCRETE	61	6.90		0.23	2.24	2.83	1.60						
	I ₄ ON OTHER TYPES THAN I ₂ AND I ₃	61	6.80	1.09	0.62	0.14	2.06	1.09	1.80					
J PORTLAND CEMENT CONCRETE	70	9.97	1.45	3.25	0.77	2.43	1.15	0.92						
K BRICK	80													
L BLOCK	90													
TOTAL HARD SURFACED		96.54	10.70	15.17	12.48	24.65	19.27	14.27						
TOTAL MILEAGE		96.54	10.70	15.17	12.48	24.65	19.27	14.27						

NORTH CAROLINA STATE HIGHWAY COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE OF ROAD

Municipal State Highway

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COMPLETED AS OF January 1, 1963

COUNTY Division Totals

DIVISION No. 5

TYPE OF ROAD		MILEAGE TOTAL	COUNTY									
			Durham	Franklin	Granville	Person	Vance	Wake	Warren	Other	Other	Other
NON SURF'D												
A PRIMITIVE	00											
B UNIMPROVED	10											
C GRADED AND DRAINED	20											
D SOIL SURFACED —UNTREATED	30											
E GRAVEL OR STONE —UNTREATED	41-43											
TOTAL NON HARD SURFACED												
LOW TYPE SURFACES												
F BITUMINOUS SURFACE	F1 TOPSOIL OR SAND-CLAY	51	9.27	0.51	2.21	2.21	0.71	1.33	1.87	0.43		
	F2 GRAVEL OR STONE	52-53	3.23	0.28		0.07	1.13	0.43	0.35	0.97		
	F3 WATERBOUND MACADAM	54										
G MIXED BITUMINOUS	G1 NONRIGID BASE	61	x									
G MIXED BITUMINOUS	G2 RIGID BASE	61	x	0.34	0.34							
H BITUMINOUS PENETRATION	H1 NONRIGID BASE	62										
	H2 RIGID BASE	62										
I BITUMINOUS CONCRETE	I1	63	58.84	15.98	2.20	6.09	1.57	4.22	27.86	0.92		
SAND ASPHALT —HOT PREMIXED	I2 ON P. C. CONCRETE	61	2.12	0.45	0.08			0.20	1.39			
	I3 ON BITUMINOUS CONCRETE	61	2.33	1.62				0.71				
	I4 ON OTHER TYPES THAN I2 AND I3	61	4.48	1.63				0.20	2.65			
J PORTLAND CEMENT CONCRETE	70	42.04	12.14	2.21	1.11	5.23	3.64	14.18	3.53			
K BRICK	80											
L BLOCK	90											
TOTAL HARD SURFACED		122.65	32.95	6.70	9.48	8.64	10.73	48.30	5.85			
TOTAL MILEAGE		122.65	32.95	6.70	9.48	8.64	10.73	48.30	5.85			

NORTH CAROLINA STATE HIGHWAY COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE OF ROAD

Municipal State Highway

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COUNTY Division Totals

DIVISION No. 6

TYPE OF ROAD		MILEAGE TOTAL	Bladen Columbus Cumberland Harnett Robeson					
NON SURF'D	A PRIMITIVE	00						
	B UNIMPROVED	10						
	C GRADED AND DRAINED	20						
	D SOIL SURFACED —UNTREATED	30						
	E GRAVEL OR STONE —UNTREATED	41-43						
TOTAL NON HARD SURFACED								
LOW TYPE SURFACES	F BITUMINOUS SURFACE TREATED	F ₁ TOPSOIL OR SAND-CLAY 51	6.82	0.54	0.12	0.91	1.89	3.36
		F ₂ GRAVEL OR STONE 52-53	1.83		1.43		0.14	0.26
		F ₃ WATERBOUND MACADAM 54						
	G MIXED BITUMINOUS	G ₁ NONRIGID BASE 61	x	0.92		0.56	0.36	
	G MIXED BITUMINOUS	G ₂ RIGID BASE 61	x	1.03	0.66		0.36	0.01
HIGH TYPE SURFACES	H BITUMINOUS PENETRATION	H ₁ NONRIGID BASE 62						
		H ₂ RIGID BASE 62						
	I BITUMINOUS CONCRETE I ₁	I ₁ 63	76.93	7.36	18.95	20.58	8.98	21.06
	SAND ASPHALT —HOT PREMIXED	I ₂ ON P. C. CONCRETE 61		2.78	1.58	0.67	0.53	
		I ₃ ON BITUMINOUS CONCRETE 61		1.62		1.04		0.58
		I ₄ ON OTHER TYPES THAN I ₂ AND I ₃ 61		14.69	2.50	3.44	1.36	0.28
	J PORTLAND CEMENT CONCRETE	70	4.75		1.07	1.89	0.49	1.30
	K BRICK	80						
	L BLOCK	90						
	TOTAL HARD SURFACED		111.37	12.64	26.24	27.03	11.78	33.68
	TOTAL MILEAGE		111.37	12.64	26.24	27.03	11.78	33.68

NORTH CAROLINA STATE HIGHWAY COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE OF ROAD

Municipal State Highway

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COMPLETED AS OF January 1, 1963

COUNTY Division Totals

DIVISION No. 7

TYPE OF ROAD		MILEAGE TOTAL					
			Alamance	Caswell	Guilford	Orange	Rockingham
NON SURFD	A PRIMITIVE	00					
	B UNIMPROVED	10					
	C GRADED AND DRAINED	20					
	D SOIL SURFACED —UNTREATED	30					
	E GRAVEL OR STONE —UNTREATED	41-43					
	TOTAL NON HARD SURFACED						
LOW TYPE SURFACES	F BITUMINOUS SURFACE TREATED	F1 TOPSOIL OR SAND-CLAY 51	3.57		0.92	1.38	0.09
		F2 GRAVEL OR STONE 52-53	9.07	1.10	0.24	2.49	0.52
		F3 WATERBOUND MACADAM 54					4.72
	G MIXED BITUMINOUS	G1 NONRIGID BASE 61	x				
	G MIXED BITUMINOUS	G2 RIGID BASE 61	x	2.39			2.39
	H BITUMINOUS PENETRATION	H1 NONRIGID BASE 62					
HIGH TYPE SURFACES		H2 RIGID BASE 62					
	I BITUMINOUS CONCRETE I1	I1 ON P. C. CONCRETE 63	84.60	15.39		39.49	7.04
	SAND ASPHALT —HOT PREMIXED	I2 ON BITUMINOUS CONCRETE 61	7.93	4.28		3.65	
		I3 ON OTHER TYPES THAN I2 AND I3 61	15.52			15.52	
	J PORTLAND CEMENT CONCRETE	I4 ON OTHER TYPES THAN I2 AND I3 61	0.57			0.57	
	K BRICK						
	L BLOCK						
TOTAL HARD SURFACED		154.46	25.12	1.16	83.55	9.90	34.73
TOTAL MILEAGE		154.46	25.12	1.16	83.55	9.90	34.73

NORTH CAROLINA STATE HIGHWAY COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE OF ROAD

Municipal State Highway

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COUNTY _____ Division Totals
 DIVISION No. 8

TYPE OF ROAD		MILEAGE TOTAL	Chatham Hoke Lee Montgomery Moore Randolph Richmond Scotland								
			Chatham	Hoke	Lee	Montgomery	Moore	Randolph	Richmond	Scotland	
NON SURF'D	A PRIMITIVE	00									
	B UNIMPROVED	10									
	C GRADED AND DRAINED	20									
	D SOIL SURFACED —UNTREATED	30									
	E GRAVEL OR STONE —UNTREATED	41-43									
	TOTAL NON HARD SURFACED										
LOW TYPE SURFACES	F BITUMINOUS SURFACE	F1 TOPSOIL OR SAND-CLAY 51	25.85	1.66	2.04	3.23	2.42	6.16	8.95	0.45	0.94
	TREATED	F2 GRAVEL OR STONE 52-53	4.26			0.67	0.40	1.42	1.77		
		F3 WATERBOUND MACADAM 54									
	G MIXED BITUMINOUS	G1 NONRIGID BASE 61	x								
	G MIXED BITUMINOUS	G2 RIGID BASE 61	x	0.34		0.34					
	H BITUMINOUS PENETRATION	H1 NONRIGID BASE 62									
HIGH TYPE SURFACES	H2 RIGID BASE	62									
	I BITUMINOUS CONCRETE I1	63	41.14	1.71	1.16	6.36	6.38	4.97	9.54	5.53	5.49
	SAND ASPHALT —HOT PREMIXED	I2 ON P. C. CONCRETE 61	4.50		0.48			0.98	0.67	0.20	2.17
	I3 ON BITUMINOUS CONCRETE 61	0.91					0.38		0.53		
	I4 ON OTHER TYPES THAN I2 AND I3 61	22.34		2.36		2.46	7.92	0.65	5.50	3.45	
	J PORTLAND CEMENT CONCRETE	70	13.45	6.45		0.48	3.25	1.45	1.76	0.06	
K BRICK		80									
L BLOCK		90									
TOTAL HARD SURFACED		112.79	9.82	6.38	10.74	15.29	22.90	23.34	12.27	12.05	
TOTAL MILEAGE		112.79	9.82	6.38	10.74	15.29	22.90	23.34	12.27	12.05	

NORTH CAROLINA STATE HIGHWAY COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE OF ROAD

Municipal State Highway

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COMPLETED AS OF January 1, 1963

COUNTY Division Totals

DIVISION No. 9

TYPE OF ROAD		MILEAGE TOTAL									
			Davidson	Davie	Forsyth	Rowan	Stokes				
NON SURF'D	A PRIMITIVE	00									
	B UNIMPROVED	10									
	C GRADED AND DRAINED	20									
	D SOIL SURFACED —UNTREATED	30									
	E GRAVEL OR STONE —UNTREATED	41-43									
TOTAL NON HARD SURFACED											
LOW TYPE SURFACES	F BITUMINOUS SURFACE TREATED	F1 TOPSOIL OR SAND-CLAY 51	3.86	1.70	0.80	0.05	0.47	0.84			
		F2 GRAVEL OR STONE 52-53	8.57	1.79	0.21	4.01	0.81	1.75			
		F3 WATERBOUND MACADAM 54									
	G MIXED BITUMINOUS	G1 NONRIGID BASE 61	x								
		G2 RIGID BASE 61	x	0.25	0.25						
HIGH TYPE SURFACES	H BITUMINOUS PENETRATION	H1 NONRIGID BASE 62									
		H2 RIGID BASE 62									
	I BITUMINOUS CONCRETE I1	63	49.69	6.52	3.87	24.94	11.42	2.94			
	SAND ASPHALT —HOT PREMIXED	I2 ON P. C. CONCRETE 61	0.53	0.19	0.08		0.26				
		I3 ON BITUMINOUS CONCRETE 61	6.62	0.87		1.09	4.66				
		I4 ON OTHER TYPES THAN I2 AND I3 61	1.35	0.03		0.71	0.61				
J PORTLAND CEMENT CONCRETE		70	14.24	3.14	0.30	9.03	1.44	0.33			
K BRICK		80	0.37			0.37					
L BLOCK		90									
TOTAL HARD SURFACED		85.48	14.49	5.26	40.20	19.67	5.86				
TOTAL MILEAGE		85.48	14.49	5.26	40.20	19.67	5.86				

NORTH CAROLINA STATE HIGHWAY COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE OF ROAD

Municipal State Highway

SYSTEM

COMPLETED AS OF January 1, 1963

COUNTY Division Totals

DIVISION No. 10

TYPE OF ROAD		MILEAGE TOTAL					
			Anson	Cabarrus	Mecklenburg	Stanly	Union
NON SURF'D	A PRIMITIVE	00					
	B UNIMPROVED	10					
	C GRADED AND DRAINED	20					
	D SOIL SURFACED —UNTREATED	30					
	E GRAVEL OR STONE —UNTREATED	41-43					
	TOTAL NON HARD SURFACED						
LOW TYPE SURFACES	F BITUMINOUS SURFACE TREATED	F1 TOPSOIL OR SAND-CLAY 51	5.65	0.49	0.53	3.01	1.62
		F2 GRAVEL OR STONE 52-53	1.04	0.42		0.53	0.09
		F3 WATERBOUND MACADAM 54					
	G MIXED BITUMINOUS	G1 NONRIGID BASE 61					
	G MIXED BITUMINOUS	G2 RIGID BASE 61	1.48	1.07	0.41		
	H BITUMINOUS PENETRATION	H1 NONRIGID BASE 62					
		H2 RIGID BASE 62	0.10		.10		
	I BITUMINOUS CONCRETE I1	I1 ON P. C. CONCRETE 61	69.28	7.90	6.27	34.93	12.09
	SAND ASPHALT —HOT PREMIXED	I3 ON BITUMINOUS CONCRETE 61	0.56		0.56		
		I4 ON OTHER TYPES THAN I2 AND I3 61	1.37		0.70		0.67
HIGH TYPE SURFACES	J PORTLAND CEMENT CONCRETE	70	30.83	3.82	0.31	21.57	2.66
	K BRICK	80					
	L BLOCK	90					
	TOTAL HARD SURFACED		110.31	13.70	7.28	58.10	18.29
TOTAL MILEAGE			110.31	13.70	7.28	58.10	18.29

NORTH CAROLINA STATE HIGHWAY COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE OF ROAD

Municipal State Highway SYSTEM

COMPLETED AS OF January 1, 1963

COUNTY Division Totals
 DIVISION No. 11

TYPE OF ROAD		MILEAGE TOTAL	COUNTY Division Totals							
			Alleghany	Ashe	Avery	Caldwell	Surry	Watauga	Wilkes	Yadkin
NON SURFED	A PRIMITIVE	00								
	B UNIMPROVED	10	1.54			1.54				
	C GRADED AND DRAINED	20								
	D SOIL SURFACED —UNTREATED	30								
	E GRAVEL OR STONE —UNTREATED	41-43								
	TOTAL NON HARD SURFACED		1.54			1.54				
LOW TYPE SURFACES	F BITUMINOUS SURFACE TREATED	F1 TOPSOIL OR SAND-CLAY 51	4.50			0.83	2.58	0.49	0.60	
		F2 GRAVEL OR STONE 52-53	24.03	2.01	4.98	5.84	2.74	0.92	3.34	2.61
		F3 WATERBOUND MACADAM 54	x	0.34		0.34				
	G MIXED BITUMINOUS	G1 NONRIGID BASE 61	x							
		G2 RIGID BASE 61	x	0.92		0.45	0.47			
	H BITUMINOUS PENETRATION	H1 NONRIGID BASE 62								
		H2 RIGID BASE 62								
	I BITUMINOUS CONCRETE I1	I1 ON P. C. CONCRETE 61	63	35.32	1.18	1.53	0.46	8.04	7.05	4.58
		I2 ON BITUMINOUS CONCRETE 61						0.56	0.31	
		I3 ON OTHER TYPES THAN I2 AND I3 61								
	J PORTLAND CEMENT CONCRETE	J1 ON P. C. CONCRETE 70		11.17		0.66		4.39	4.20	1.92
		K BRICK 80								
	L BLOCK 90									
	TOTAL HARD SURFACED		77.15	3.19	7.62	7.11	16.56	15.06	7.92	11.56
	TOTAL MILEAGE		78.69	3.19	7.62	7.11	18.10	15.06	7.92	11.56
								8.13		

NORTH CAROLINA STATE HIGHWAY COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE OF ROAD

Municipal State Highway

SYSTEM

COMPLETED AS OF January 1, 1963

COUNTY Division Totals

DIVISION No. 12

TYPE OF ROAD		MILEAGE TOTAL	COUNTY Division Totals										
			Alexander	Catawba	Cleveland	Gaston	Iredell	Lincoln	Mecklenburg	Rowan	Stanly	Union	Wilkes
NON SURF'D	A PRIMITIVE	00											
	B UNIMPROVED	10											
	C GRADED AND DRAINED	20											
	D SOIL SURFACED —UNTREATED	30											
	E GRAVEL OR STONE —UNTREATED	41-43											
	TOTAL NON HARD SURFACED												
LOW TYPE SURFACES	F BITUMINOUS SURFACE TREATED	51	3.15			1.48	0.53	1.14					
	F2 GRAVEL OR STONE	52-53	4.76		0.75	3.79	0.22						
	F3 WATERBOUND MACADAM	54											
	G MIXED BITUMINOUS	61	0.72				0.72						
	G2 RIGID BASE	61	0.73			0.22	0.51						
	H BITUMINOUS PENETRATION	62											
HIGH TYPE SURFACES	H2 RIGID BASE	62	2.80				2.80						
	I BITUMINOUS CONCRETE I1	63	72.45	1.62	15.95	14.98	18.83	16.11	4.96				
	SAND ASPHALT —HOT PREMIXED	I2 ON P. C. CONCRETE	61	1.36		0.15	0.29	0.92					
	I3 ON BITUMINOUS CONCRETE	61	7.39		0.05	0.89	3.19	3.26					
	I4 ON OTHER TYPES THAN I2 AND I3	61	4.81		1.14	1.43	2.24						
	J PORTLAND CEMENT CONCRETE	70	18.73		4.38	2.49	6.16	5.70					
	K BRICK	80											
	L BLOCK	90											
	TOTAL HARD SURFACED		116.90	1.62	22.42	25.57	36.12	26.21	4.96				
	TOTAL MILEAGE		116.90	1.62	22.42	25.57	36.12	26.21	4.96				

NORTH CAROLINA STATE HIGHWAY COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE OF ROAD

Municipal State Highway

SYSTEM

COMPLETED AS OF January 1, 1963

COUNTY Division Totals

DIVISION No. 13

TYPE OF ROAD		MILEAGE TOTAL	COUNTY Division Totals								
			Buncombe	Burke	Madison	McDowell	Mitchell	Rutherford	Yancey		
NON SURF'D	A PRIMITIVE	00									
	B UNIMPROVED	10									
	C GRADED AND DRAINED	20									
	D SOIL SURFACED —UNTREATED	30									
	E GRAVEL OR STONE —UNTREATED	41-43	0.58	0.58							
	TOTAL NON HARD SURFACED		0.58	0.58							
LOW TYPE SURFACES	F BITUMINOUS SURFACE TREATED	F1 TOPSOIL OR SAND-CLAY 51	0.29						0.29		
	F2 GRAVEL OR STONE 52-53	13.08	3.91	0.34	7.35		0.59	0.18	0.71		
	F3 WATERBOUND MACADAM 54	0.67					0.67				
	G MIXED BITUMINOUS	G1 NONRIGID BASE 61	x								
	G2 RIGID BASE 61	1.84		0.35				1.49			
	H BITUMINOUS PENETRATION	H1 NONRIGID BASE 62									
	H2 RIGID BASE 62	1.45					1.45				
	I BITUMINOUS CONCRETE I1	63	50.75	18.54	10.91	1.02	2.16	3.56	12.74	1.82	
	SAND ASPHALT —HOT PREMIXED	I2 ON P. C. CONCRETE 61	4.50	2.98	0.09		0.11		1.32		
	I3 ON BITUMINOUS CONCRETE 61	0.69		0.69							
HIGH TYPE SURFACES	I4 ON OTHER TYPES THAN I2 AND I3 61	4.27	1.61	0.73	0.66	0.10		1.17			
	J PORTLAND CEMENT CONCRETE	70	22.90	13.40		0.02	1.22	0.67	7.59		
	K BRICK	80									
	L BLOCK	90									
TOTAL HARD SURFACED		100.44	40.44	13.11	9.05	3.59	6.94	24.78	2.53		
TOTAL MILEAGE		101.02	41.02	13.11	9.05	3.59	6.94	24.78	2.53		

NORTH CAROLINA STATE HIGHWAY COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE OF ROAD

Municipal State Highway

SYSTEM

COMPLETED AS OF January 1, 1963

COUNTY Division Totals

DIVISION No. 14

TYPE OF ROAD		MILEAGE TOTAL	COUNTY Division Totals										
			Cherokee	Clay	Graham	Haywood	Henderson	Jackson	Macon	Polk	Swain	Transylvania	
NON SURF'D	A PRIMITIVE	00											
	B UNIMPROVED	10											
	C GRADED AND DRAINED	20											
	D SOIL SURFACED —UNTREATED	30											
	E GRAVEL OR STONE --UNTREATED	41-43											
	TOTAL NON HARD SURFACED												
LOW TYPE SURFACES	F BITUMINOUS SURFACE TREATED	F1 TOPSOIL OR SAND-CLAY	51	0.42						0.42			
		F2 GRAVEL OR STONE	52-53	12.36	0.72		0.81	0.10	5.08	4.14	0.45	1.06	
		F3 WATERBOUND MACADAM	54										
	G MIXED BITUMINOUS	G1 NONRIGID BASE	61	x									
	G2 RIGID BASE	61	x	3.22			0.81			2.26	0.15		
	H BITUMINOUS PENETRATION	H1 NONRIGID BASE	62										
		H2 RIGID BASE	62										
	I BITUMINOUS CONCRETE I1	63	28.63	5.80	0.82		5.83	3.28	1.87	2.70	2.33	2.53	
	SAND ASPHALT —HOT PREMIXED	I2 ON P. C. CONCRETE	61	2.04			1.18	0.86					
		I3 ON BITUMINOUS CONCRETE	61	1.15			1.15						
		I4 ON OTHER TYPES THAN I2 AND I3	61										
	J PORTLAND CEMENT CONCRETE	70	3.64	0.11			0.02	0.11	0.94	1.05	1.06	0.35	
	K BRICK	80											
	L BLOCK	90											
	TOTAL HARD SURFACED		51.46	6.63	0.82	0.81	9.09	4.25	7.89	10.15	4.41	2.88	4.53
	TOTAL MILEAGE		51.46	6.63	0.82	0.81	9.09	4.25	7.89	10.15	4.41	2.88	4.53

NORTH CAROLINA STATE HIGHWAY COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE OF ROAD

Rural Secondary Road

SYSTEM

COMPLETED AS OF January 1, 1963

COUNTY Division Totals

DIVISION No. 1

TYPE OF ROAD		MILEAGE TOTAL	COUNTY Division Totals														
			Bertie	Camden	Chowan	Currituck	Dare	Gates	Hertford	Hyde	Martin	Northampton	Pasquotank	Perquimans	Tyrrell	Washington	
NON SURF'D	A PRIMITIVE	00	2.9		1.4		0.3		0.4		0.7		0.1				
	B UNIMPROVED	10	137.2	30.9	5.5	4.9	19.0	8.2	8.1	5.6	9.4	10.8	4.8	6.1	12.0	7.9	
	C GRADED AND DRAINED	20	747.2	145.9	25.4	18.7	16.6	22.2	75.1	79.1	46.2	81.1	82.6	23.0	34.6	27.6	
	D SOIL SURFACED —UNTREATED	30	340.6	43.2	7.6	28.0	8.7	3.5	16.8	55.7	15.0	63.3	58.2	3.2	6.2	15.5	
	E GRAVEL OR STONE —UNTREATED	41-43	364.3	21.2	35.6	11.8	35.2		48.5	1.3	2.8	59.5	12.1	46.6	60.1	24.7	
	TOTAL NON HARD SURFACED		1,592.2	241.2	74.1	64.8	79.5	34.2	148.5	142.1	73.4	215.4	157.7	79.0	112.9	75.7	
LOW TYPE SURFACES	F BITUMINOUS SURFACE TREATED	F1 TOPSOIL OR SAND-CLAY	51	620.4	172.0	26.9	5.4	19.2	1.9	12.8	144.2	7.1	91.5	132.6	2.0	1.6	3.2
		F2 GRAVEL OR STONE	52-53	246.0	3.6	4.5	2.4	25.1	5.4	16.2		63.1	33.7	16.8	14.8	10.1	19.2
		F3 WATERBOUND MACADAM	54														
	G MIXED BITUMINOUS	G1 NONRIGID BASE	61	113.5	4.2	0.2		22.1	30.5	13.8		22.1	6.9		8.2		5.5
		G2 RIGID BASE	61	x	8.4			0.1	0.1	3.8	1.4		3.0				
	H BITUMINOUS PENETRATION	H1 NONRIGID BASE	62		6.3												6.3
HIGH TYPE SURFACES		H2 RIGID BASE	62		0.1				0.1								
	I BITUMINOUS CONCRETE	I1	63	69.6						1.3	2.6		56.1		9.6		
	SAND ASPHALT —HOT PREMIXED	I2 ON P. C. CONCRETE	61	11.3				0.6	0.3			2.2		5.5	1.6		1.1
		I3 ON BITUMINOUS CONCRETE	61	1.1												1.1	
		I4 ON OTHER TYPES THAN I2 AND I3	61	802.0	64.5	39.8	96.0	16.6	50.1	86.5	28.2	16.4	52.4	29.4	91.7	142.7	30.5
	J PORTLAND CEMENT CONCRETE	70	17.8			3.3	0.2	1.5			3.6	0.3		3.1	0.1	4.8	0.9
K BRICK	80	0.1												0.1			
L BLOCK	90																
TOTAL HARD SURFACED			1,896.6	244.3	71.4	107.2	83.9	93.6	132.0	175.0	114.5	187.8	234.9	125.4	166.8	64.0	95.8
TOTAL MILEAGE			3,488.8	485.5	145.5	172.0	163.4	127.8	280.5	317.1	187.9	403.2	392.6	204.4	279.7	139.7	189.5

NORTH CAROLINA STATE HIGHWAY COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE OF ROAD

Rural Secondary Road

SYSTEM

COMPLETED AS OF January 1, 1963

COUNTY Division Totals
 DIVISION No. 2

TYPE OF ROAD		MILEAGE TOTAL	Beaufort Carteret Craven Greene Jones Lenoir Pamlico Pitt										
			Beaufort	Carteret	Craven	Greene	Jones	Lenoir	Pamlico	Pitt	Watauga	Washington	Yadkin
NON SURF'D	A PRIMITIVE	00	4.9		4.2					0.7			
	B UNIMPROVED	10	108.4	31.4	8.4	26.1	9.7	4.4	19.1	3.1	6.2		
	C GRADED AND DRAINED	20	1,034.9	250.6	47.5	136.8	46.1	51.8	187.9	51.5	262.7		
	D SOIL SURFACED —UNTREATED	30	429.2	110.4	5.4	44.6	53.4	23.4	76.6	11.2	104.2		
	E GRAVEL OR STONE —UNTREATED	41-43	176.3	33.1	16.5	58.0		11.4		40.1	17.2		
	TOTAL NON HARD SURFACED		1,753.7	425.5	77.8	269.7	109.2	91.0	283.6	105.9	391.0		
LOW TYPE SURFACES	F BITUMINOUS SURFACE TREATED	F1 TOPSOIL OR SAND-CLAY	51	198.5	16.1	14.1	14.4	93.5	5.7	4.6	25.8	24.3	
		F2 GRAVEL OR STONE	52-53	108.2	40.2	15.9	25.0		13.3	4.6	7.7	1.5	
		F3 WATERBOUND MACADAM	54	0.5							0.5		
	G MIXED BITUMINOUS	G1 NONRIGID BASE	61	103.3	20.5	27.5	15.6	13.4		10.3	16.0		
		G2 RIGID BASE	61	20.1	9.7	8.0	2.0			0.4			
	H BITUMINOUS PENETRATION	H1 NONRIGID BASE	62										
		H2 RIGID BASE	62										
	I BITUMINOUS CONCRETE I1	I1 ON P. C. CONCRETE	63	163.6	4.7	8.1	8.7	21.4	23.6	46.3	1.1	49.7	
		I2 ON BITUMINOUS CONCRETE	61	1.1	0.2						0.9		
		I3 ON OTHER TYPES THAN I2 AND I3	61	11.9	4.9		6.6	0.4					
		I4 ON OTHER TYPES THAN I2 AND I3	61	1,270.7	164.5	98.7	160.5	135.2	110.1	255.8	47.8	298.1	
	J PORTLAND CEMENT CONCRETE	J1	70	9.4	3.4	0.8	2.2		0.7	0.4	1.9		
		K BRICK	80	12.5			12.5						
		L BLOCK	90										
	TOTAL HARD SURFACED		1,899.8	264.2	173.1	247.5	263.9	153.4	311.7	93.1	392.9		
	TOTAL MILEAGE		3,653.5	689.7	250.9	517.2	373.1	244.4	595.3	199.0	783.9		

NORTH CAROLINA STATE HIGHWAY COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE OF ROAD

Rural Secondary Road

SYSTEM

COMPLETED AS OF January 1, **19** 63

COUNTY _____ Division Total
DIVISION No. _____ 3

TYPE OF ROAD		MILEAGE TOTAL									
			Brunswick	Duplin	New Hanover	Onslow	Pender	Sampson			
NON SURF'D	A PRIMITIVE	00	2.5		2.0			0.5			
	B UNIMPROVED	10	165.4	27.1	55.1	7.3	34.5	26.3	15.1		
	C GRADED AND DRAINED	20	652.2	108.4	209.0	4.3	97.4	35.2	197.9		
	D SOIL SURFACED —UNTREATED	30	1,060.5	141.5	220.9	18.6	65.7	159.4	454.4		
	E GRAVEL OR STONE —UNTREATED	41-43	19.8			6.0	11.2	2.6			
TOTAL NON HARD SURFACED			1,900.4	277.0	487.0	36.2	208.8	223.5	667.9		
LOW TYPE SURFACES	F BITUMINOUS SURFACE TREATED	F1 TOPSOIL OR SAND-CLAY 51	289.3	10.0	68.2	10.1	29.6	79.8	91.6		
	F2 GRAVEL OR STONE 52-53		36.9			0.4	32.0	4.5			
	F3 WATERBOUND MACADAM 54										
G MIXED BITUMINOUS	G1 NONRIGID BASE	61	131.8	75.1	18.7	3.8	0.7	12.3	21.2		
	G2 RIGID BASE	61	17.8	8.5		6.7	1.1		1.5		
H BITUMINOUS PENETRATION	H1 NONRIGID BASE	62									
	H2 RIGID BASE	62	1.1	0.9		0.2					
I BITUMINOUS CONCRETE II		63	253.0	24.0	71.8	16.6		43.3	97.3		
HIGH TYPE SURFACES	SAND ASPHALT —HOT PREMIXED	I2 ON P. C. CONCRETE 61									
	I3 ON BITUMINOUS CONCRETE 61		6.4		3.9		1.1		1.4		
	I4 ON OTHER TYPES THAN I2 AND I3 61		1,058.9	88.6	273.2	147.7	190.7	95.6	263.1		
J PORTLAND CEMENT CONCRETE		70	3.5	0.5		1.4			1.6		
K BRICK		80									
L BLOCK		90									
TOTAL HARD SURFACED			1,798.7	207.6	435.8	186.9	255.2	235.5	477.7		
TOTAL MILEAGE			3,699.1	484.6	922.8	223.1	464.0	459.0	1,145.6		

**NORTH CAROLINA STATE HIGHWAY COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE OF ROAD**

Rural Secondary Road

SYSTEM

COMPLETED AS OF January 1, **19**63

COUNTY _____ Division Totals
DIVISION No. _____ 4

TYPE OF ROAD		MILEAGE TOTAL									
			Edgecombe	Halifax	Johnston	Nash	Wayne	Wilson			
NON SURF'D	A PRIMITIVE	00	1.7			1.7					
	B UNIMPROVED	10	76.3	3.7	23.5	14.0	27.2	3.6	4.3		
	C GRADED AND DRAINED	20	540.4	45.9	98.3	110.8	154.3	24.3	106.8		
	D SOIL SURFACED —UNTREATED	30	909.3	73.4	118.5	397.2	60.6	216.8	42.8		
LOW TYPE SURFACES	E GRAVEL OR STONE —UNTREATED	41-43	177.2	24.1	34.2	56.7	35.1	6.9	20.2		
	TOTAL NON HARD SURFACED		1,704.9	147.1	274.5	580.4	277.2	251.6	174.1		
	F BITUMINOUS SURFACE	F ₁ TOPSOIL OR SAND-CLAY	51	1,272.9	114.1	173.7	328.2	308.2	94.2	254.5	
	TREATED	F ₂ GRAVEL OR STONE	52-53	249.6	89.5	94.9	17.7	23.7	13.2	10.6	
HIGH TYPE SURFACES	G MIXED BITUMINOUS	F ₃ WATERBOUND MACADAM	54								
	G MIXED BITUMINOUS	G ₁ NONRIGID BASE	61	6.2			6.2				
	G ₂ RIGID BASE	61	x	3.8	0.7			2.2	0.9		
	H BITUMINOUS PENETRATION	H ₁ NONRIGID BASE	62	0.5		0.3		0.2			
	H ₂ RIGID BASE	62									
	I BITUMINOUS CONCRETE I ₁	63	589.5	34.1	30.3	107.7	89.7	301.1	26.6		
	SAND ASPHALT —HOT PREMIXED	I ₂ ON P. C. CONCRETE	61	0.2		0.2					
	I ₃ ON BITUMINOUS CONCRETE	61	29.1	7.5	3.4		0.2	18.0			
	I ₄ ON OTHER TYPES THAN I ₂ AND I ₃	61	531.8	102.8	55.3	163.4	46.2	95.4	68.7		
	J PORTLAND CEMENT CONCRETE	70	3.7	0.7			2.8	0.2			
	K BRICK	80									
	L BLOCK	90									
TOTAL HARD SURFACED			2,687.3	349.4	357.8	617.3	477.0	524.3	361.5		
TOTAL MILEAGE			4,392.2	496.5	632.3	1,197.7	754.2	775.9	535.6		

NORTH CAROLINA STATE HIGHWAY COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE OF ROAD

Rural Secondary Road

SYSTEM

COMPLETED AS OF January 1, 1963

COUNTY Division Totals
 DIVISION No. 5

TYPE OF ROAD		MILEAGE TOTAL	COUNTY Division Totals									
			Durham	Franklin	Granville	Person	Vance	Wake	Warren	Other	Other	Other
NON SURFD	A PRIMITIVE	00	0.4	0.4								
	B UNIMPROVED	10	72.4	2.6	3.6	12.8	23.4	4.3	19.5	6.2		
	C GRADED AND DRAINED	20	551.3	81.2	14.5	172.3	141.7	13.9	58.9	68.8		
	D SOIL SURFACED —UNTREATED	30	676.4	20.6	161.9	21.4	60.8	62.5	260.5	88.7		
	E GRAVEL OR STONE —UNTREATED	41-43	1,068.2	172.1	108.6	242.4	164.4	51.9	195.2	133.6		
TOTAL NON HARD SURFACED			2,368.7	276.9	288.6	448.9	390.3	132.6	534.1	297.3		
LOW TYPE SURFACES	F BITUMINOUS SURFACE TREATED	F1 TOPSOIL OR SAND-CLAY	51	1,069.5	78.0	226.0	86.9	77.1	147.0	336.7	117.8	
	F2 GRAVEL OR STONE	52-53		415.2	80.8	11.0	95.5	67.7	19.5	58.3	82.4	
	F3 WATERBOUND MACADAM	54		2.0	2.0							
	G MIXED BITUMINOUS	G1 NONRIGID BASE	61	x	2.2	0.5		1.0		0.7		
	G2 RIGID BASE	61	x		6.2	6.2						
HIGH TYPE SURFACES	H BITUMINOUS PENETRATION	H1 NONRIGID BASE	62									
	H2 RIGID BASE	62		0.6			0.6					
	I BITUMINOUS CONCRETE I1	63	249.2	38.8	32.5	14.2		24.6	128.9	10.2		
	SAND ASPHALT —HOT PREMIXED	I2 ON P. C. CONCRETE	61		4.5	4.5						
	I3 ON BITUMINOUS CONCRETE	61										
	I4 ON OTHER TYPES THAN I2 AND I3	61	243.1	44.3	35.9	21.8	4.5	7.3	129.3			
	J PORTLAND CEMENT CONCRETE	70	18.3	9.1	0.5	0.6	2.9	1.2	4.0			
	K BRICK	80										
	L BLOCK	90										
TOTAL HARD SURFACED			2,010.8	264.2	305.9	219.6	153.2	199.6	657.9	210.4		
TOTAL MILEAGE			4,379.5	541.1	594.5	668.5	543.5	332.2	1,192.0	507.7		

**NORTH CAROLINA STATE HIGHWAY COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE OF ROAD**

Rural Secondary R

SYSTEM

COMPLETED AS OF January 1, **1963**

COUNTY Division Totals
DIVISION No. 6

TYPE OF ROAD		MILEAGE TOTAL									
			Bladen	Columbus	Cumberland	Harnett	Robeson				
NON SURF'D	A PRIMITIVE	00	6.2					6.2			
	B UNIMPROVED	10	146.8	24.4	38.0	15.1	11.0	58.3			
	C GRADED AND DRAINED	20	544.9	53.6	192.5	18.3	56.5	224.0			
	D SOIL SURFACED —UNTREATED	30	1,281.0	247.3	263.3	278.3	278.2	213.9			
	E GRAVEL OR STONE —UNTREATED	41-43	33.9	3.1			28.4	2.4			
	TOTAL NON HARD SURFACED		2,012.8	328.4	493.8	311.7	374.1	504.8			
LOW TYPE SURFACES	F BITUMINOUS SURFACE	F1 TOPSOIL OR SAND-CLAY 51	1,112.0	77.7	128.8	104.8	302.6	498.1			
		F2 GRAVEL OR STONE 52-53	30.7	0.6	0.1	3.1	14.5	12.4			
		F3 WATERBOUND MACADAM 54									
	G MIXED BITUMINOUS	G1 NONRIGID BASE 61	x	73.0	19.7	10.2	37.9	3.7	1.5		
	G MIXED BITUMINOUS	G2 RIGID BASE 61	x	8.7	1.7		6.2	0.8			
	H BITUMINOUS PENETRATION	H1 NONRIGID BASE 62									
		H2 RIGID BASE 62									
HIGH TYPE SURFACES	I BITUMINOUS CONCRETE I1	63	360.9	38.3	44.8	155.4	33.4	89.0			
	SAND ASPHALT —HOT PREMIXED	I2 ON P. C. CONCRETE 61									
		I3 ON BITUMINOUS CONCRETE 61	1.2			0.6		0.6			
		I4 ON OTHER TYPES THAN I2 AND I3 61	719.6	107.6	219.6	107.9	71.6	212.9			
	J PORTLAND CEMENT CONCRETE	70	0.6			0.2		0.4			
	K BRICK	80									
	L BLOCK	90									
TOTAL HARD SURFACED			2,306.7	245.6	403.5	416.1	426.6	814.9			
TOTAL MILEAGE			4,319.5	574.0	897.3	727.8	800.7	1,319.7			

NORTH CAROLINA STATE HIGHWAY COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE OF ROAD

Rural Secondary Road

SYSTEM

COMPLETED AS OF January 1, 1963

COUNTY Division Totals
 COUNTY _____
 DIVISION No. 7

TYPE OF ROAD		MILEAGE TOTAL	Alamance Caswell Guilford Orange Rockingham					
NON SURFED	A PRIMITIVE	00	1.2		0.7	0.5		
	B UNIMPROVED	10	85.5	17.0	21.1	20.4	13.8	13.2
	C GRADED AND DRAINED	20	571.0	108.3	97.4	150.1	145.9	69.3
	D SOIL SURFACED —UNTREATED	30	181.1	47.6	41.9	28.9	43.2	19.5
	E GRAVEL OR STONE —UNTREATED	41-43	1,419.1	259.6	119.3	419.1	186.6	434.5
	TOTAL NON HARD SURFACED		2,257.9	432.5	279.7	619.2	390.0	536.5
LOW TYPE SURFACES	F BITUMINOUS SURFACE TREATED	51	574.1	132.4	114.6	99.2	142.7	85.2
	F2 GRAVEL OR STONE	52-53	876.2	155.4	70.2	350.4	74.3	225.9
	F3 WATERBOUND MACADAM	54						
	G MIXED BITUMINOUS	61						
	G2 RIGID BASE	61	9.3		8.4	0.9		
	H BITUMINOUS PENETRATION	62						
HIGH TYPE SURFACES	H1 NONRIGID BASE	62						
	H2 RIGID BASE	62	4.5		4.5			
	I BITUMINOUS CONCRETE I1	63	43.3	5.9	24.7	11.0	1.7	
	SAND ASPHALT —HOT PREMIXED	I2 ON P. C. CONCRETE	61	0.5		0.5		
	I3 ON BITUMINOUS CONCRETE	61						
	I4 ON OTHER TYPES THAN I2 AND I3	61	8.2		7.3	0.4	0.5	
J PORTLAND CEMENT CONCRETE		70	52.2	2.0	16.1	20.6	0.7	12.8
K BRICK		80						
L BLOCK		90						
TOTAL HARD SURFACED		1,568.3	295.7	209.3	508.1	229.1	326.1	
TOTAL MILEAGE		3,826.2	728.2	489.0	1,127.3	619.1	862.6	

NORTH CAROLINA STATE HIGHWAY COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE OF ROAD

Rural Secondary Road

SYSTEM

COMPLETED AS OF January 1, 1963

COUNTY Division Totals

DIVISION No. 8

TYPE OF ROAD		MILEAGE TOTAL	COUNTY Division Totals									
			Chatham	Hoke	Lee	Montgomery	Moore	Randolph	Richmond	Scotland		
NON SURF'D	A PRIMITIVE	00	0.8				0.4	0.4				
	B UNIMPROVED	10	149.6	19.8	6.6	8.7	9.0	32.6	53.1	6.3	13.5	
	C GRADED AND DRAINED	20	528.1	183.2	20.6	11.7	15.7	63.5	196.3	11.8	25.3	
	D SOIL SURFACED —UNTREATED	30	951.5	136.5	55.8	50.2	76.3	231.7	238.7	95.9	66.4	
	E GRAVEL OR STONE —UNTREATED	41-43	585.5	164.5		28.1	85.5	18.6	260.7	28.1		
	TOTAL NON HARD SURFACED		2,215.5	504.0	83.0	98.7	186.9	346.8	748.8	142.1	105.2	
LOW TYPE SURFACES	F BITUMINOUS SURFACE TREATED	F₁ TOPSOIL OR SAND-CLAY	51	1,594.7	191.5	177.8	181.7	69.1	386.1	264.0	90.9	233.6
		F₂ GRAVEL OR STONE	52-53	345.6	128.9		19.7	17.6	1.4	161.3	16.5	0.2
		F₃ WATERBOUND MACADAM	54									
	G MIXED BITUMINOUS	G₁ NONRIGID BASE	61	x	1.6					1.6		
		G₂ RIGID BASE	61	x	2.3					2.3		
	H BITUMINOUS PENETRATION	H₁ NONRIGID BASE	62									
		H₂ RIGID BASE	62		0.3					0.3		
	I BITUMINOUS CONCRETE I₁		63	240.1	13.3	34.5	34.1	13.7	9.4	35.9	46.4	52.8
	SAND ASPHALT —HOT PREMIXED	I₂ ON P. C. CONCRETE	61		0.2						0.2	
		I₃ ON BITUMINOUS CONCRETE	61									
		I₄ ON OTHER TYPES THAN I₂ AND I₃	61	669.3	0.3	63.3	1.7	188.7	70.8	40.6	275.1	28.8
	J PORTLAND CEMENT CONCRETE		70	8.8	3.3			0.5		4.3	0.1	0.6
	K BRICK		80									
	L BLOCK		90									
	TOTAL HARD SURFACED		2,862.9	337.3	275.6	237.2	289.6	467.7	506.1	433.4	316.0	
	TOTAL MILEAGE		5,078.4	841.3	358.6	335.9	476.5	814.5	1,254.9	575.5	421.2	

NORTH CAROLINA STATE HIGHWAY COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE OF ROAD

Rural Secondary Road

SYSTEM

COMPLETED AS OF January 1, 1963

COUNTY	Division Totals
DIVISION No.	9

TYPE OF ROAD		MILEAGE TOTAL					
			Davidson	Davie	Forsyth	Rowan	Stokes
NON SURF'D	A PRIMITIVE	00	2.8		2.2		0.6
	B UNIMPROVED	10	271.6	63.1	7.2	15.9	85.6
	C GRADED AND DRAINED	20	370.0	78.9	41.8	68.8	57.9
	D SOIL SURFACED —UNTREATED	30	668.2	246.9	77.6	110.4	78.5
	E GRAVEL OR STONE —UNTREATED	41-43	683.9	79.9	99.4	187.4	152.2
TOTAL NON HARD SURFACED			1,996.5	468.8	226.0	384.7	374.2
LOW TYPE SURFACES	F BITUMINOUS SURFACE TREATED	F ₁ TOPSOIL OR SAND-CLAY	51	1,366.7	427.9	84.1	319.3
		F ₂ GRAVEL OR STONE	52-53	452.1	88.4	46.6	138.2
		F ₃ WATERBOUND MACADAM	54	10.3			10.3
	G MIXED BITUMINOUS	G ₁ NONRIGID BASE	61	x			
	G MIXED BITUMINOUS	G ₂ RIGID BASE	61	2.6		0.5	2.1
HIGH TYPE SURFACES	H BITUMINOUS PENETRATION	H ₁ NONRIGID BASE	62				
		H ₂ RIGID BASE	62				
	I BITUMINOUS CONCRETE I ₁	I ₁	63	57.5	33.5	7.9	16.1
	SAND ASPHALT —HOT PREMIXED	I ₂ ON P. C. CONCRETE	61	0.2	0.2		
		I ₃ ON BITUMINOUS CONCRETE	61				
	I ₄ ON OTHER TYPES THAN I ₂ AND I ₃	I ₄	61	54.0	21.5	0.5	32.0
	J PORTLAND CEMENT CONCRETE	J	70	34.4	6.2	0.8	24.8
	K BRICK	K	80				
	L BLOCK	L	90				
TOTAL HARD SURFACED			1,977.8	577.7	131.5	491.2	556.3
TOTAL MILEAGE			3,974.3	1,046.5	357.5	875.9	930.5
						763.9	

NORTH CAROLINA STATE HIGHWAY COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE OF ROAD

Rural Secondary Road

SYSTEM

COMPLETED AS OF January 1, 1963

COUNTY Division Totals

DIVISION No. 10

TYPE OF ROAD		MILEAGE TOTAL					
			Anson	Cabarrus	Mecklenburg	Stanly	Union
NON SURFED	A PRIMITIVE	00					
	B UNIMPROVED	10	116.7	13.7	26.3	9.3	49.9
	C GRADED AND DRAINED	20	200.0	28.5	29.7	17.8	43.1
	D SOIL SURFACED —UNTREATED	30	212.7	26.6	97.7	13.6	18.8
	E GRAVEL OR STONE —UNTREATED	41-43	955.3	216.5	58.9	134.8	200.4
TOTAL NON HARD SURFACED		1,484.7	285.3	212.6	175.5	312.2	499.1
LOW TYPE SURFACES	F BITUMINOUS SURFACE TREATED	51	887.8	290.4	329.2	101.2	65.5
	F2 GRAVEL OR STONE	52-53	1,226.8	107.6	148.6	228.8	305.2
	F3 WATERBOUND MACADAM	54	9.3	3.9	0.3	5.1	
	G MIXED BITUMINOUS	61	x				
	G2 RIGID BASE	61	2.0			2.0	
HIGH TYPE SURFACES	H BITUMINOUS PENETRATION	62					
	H2 RIGID BASE	62	4.2			4.2	
	I BITUMINOUS CONCRETE I1	63	348.8	11.8	3.8	321.7	1.1
	SAND ASPHALT —HOT PREMIXED	I2 ON P. C. CONCRETE	61	3.5		2.8	0.7
	I3 ON BITUMINOUS CONCRETE	61	3.4			2.9	0.5
I4 ON OTHER TYPES THAN I2 AND I3		61	37.1		1.1	34.5	1.5
J PORTLAND CEMENT CONCRETE		70	23.2	4.4	7.6	1.1	2.8
K BRICK		80					
L BLOCK		90					
TOTAL HARD SURFACED		2,546.1	418.1	490.6	704.3	374.6	558.5
TOTAL MILEAGE		4,030.8	703.4	703.2	879.8	686.8	1,057.6

**NORTH CAROLINA STATE HIGHWAY COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE OF ROAD**

Rural Secondary Roads

SYSTEM

COMPLETED AS OF January 1, 1963

COUNTY Division Totals
DIVISION No. 11

TYPE OF ROAD		MILEAGE TOTAL										
			Alleghany	Ashe	Avery	Caldwell	Surry	Watauga	Wilkes	Yadkin		
NON SURF'D	A PRIMITIVE	00	17.0	0.4	1.3		0.3	4.8	8.6	1.6		
	B UNIMPROVED	10	412.4	42.2	100.4	17.0	37.5	27.2	76.3	91.5	20.3	
	C GRADED AND DRAINED	20	407.6	46.2	18.9	5.7	73.4	38.1	17.9	140.4	67.0	
LOW TYPE SURFACES	D SOIL SURFACED —UNTREATED	30	157.3	0.2	15.1	0.5	36.9	12.9	0.8	33.6	57.3	
	E GRAVEL OR STONE —UNTREATED	41-43	2,568.0	243.2	432.5	157.9	185.1	519.9	252.5	543.2	233.7	
	TOTAL NON HARD SURFACED		3,562.3	332.2	568.2	181.1	333.2	598.1	352.3	817.3	379.9	
	F BITUMINOUS SURFACE	F ₁ TOPSOIL OR SAND-CLAY	51	310.2	0.4	6.5	2.4	80.6	86.0	12.9	57.1	64.3
	TREATED	F ₂ GRAVEL OR STONE	52-53	845.1	54.3	101.5	45.7	112.2	154.5	79.0	206.5	91.4
HIGH TYPE SURFACES		F ₃ WATERBOUND MACADAM	54	0.9			0.9					
G MIXED BITUMINOUS	G ₁ NONRIGID BASE	61	x									
G MIXED BITUMINOUS	G ₂ RIGID BASE	61	x	2.8			2.8					
H BITUMINOUS PENETRATION	H ₁ NONRIGID BASE	62										
	H ₂ RIGID BASE	62										
I BITUMINOUS CONCRETE	I ₁	63	5.9	1.2				1.9	2.3	0.5		
SAND ASPHALT —HOT PREMIXED	I ₂ ON P. C. CONCRETE	61										
	I ₃ ON BITUMINOUS CONCRETE	61										
	I ₄ ON OTHER TYPES THAN I ₂ AND I ₃	61	1.6				1.6					
J PORTLAND CEMENT CONCRETE	70	20.1					7.9		12.2			
K BRICK	80											
L BLOCK	90											
TOTAL HARD SURFACED		1,186.6	55.9	108.0	49.0	192.8	252.8	93.8	265.9	168.4		
TOTAL MILEAGE		4,748.9	388.1	676.2	230.1	526.0	850.9	446.1	1,083.2	548.3		

NORTH CAROLINA STATE HIGHWAY COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE OF ROAD

Rural Secondary Road

SYSTEM

COMPLETED AS OF January 1, 1963

COUNTY Division Totals

DIVISION No. 12

TYPE OF ROAD		MILEAGE TOTAL												
			Alexander	Catawba	Cleveland	Gaston	Iredell	Lincoln	Mecklenburg	Rowan	Stanly	Union	Wilkes	Yadkin
NON SURFED	A PRIMITIVE	00												
	B UNIMPROVED	10	27.0	1.6	3.1	10.0	5.5	4.2	2.6					
	C GRADED AND DRAINED	20	162.0	7.4	32.9	56.1	28.3	19.6	17.7					
	D SOIL SURFACED —UNTREATED	30	1,139.8	165.2	128.3	245.6	147.3	300.6	152.8					
	E GRAVEL OR STONE —UNTREATED	41-43	715.8	83.9	126.6	146.3	74.6	201.8	82.6					
TOTAL NON HARD SURFACED			2,044.6	258.1	290.9	458.0	255.7	526.2	255.7					
LOW TYPE SURFACES	F BITUMINOUS SURFACE	F1 TOPSOIL OR SAND-CLAY	51	1,574.8	169.0	294.7	327.5	191.9	390.2	201.5				
	TREATED	F2 GRAVEL OR STONE	52-53	364.4	14.1	41.8	47.1	179.3	56.6	25.5				
		F3 WATERBOUND MACADAM	54	0.4			0.4							
	G MIXED BITUMINOUS	G1 NONRIGID BASE	61	x										
	G2 RIGID BASE	61	x	2.4				1.6		0.8				
HIGH TYPE SURFACES	H BITUMINOUS PENETRATION	H1 NONRIGID BASE	62											
	H2 RIGID BASE	62		4.3			4.3							
		I BITUMINOUS CONCRETE I1	63	87.7	0.3	21.0	37.3	17.7	2.2	9.2				
	SAND ASPHALT —HOT PREMIXED	I2 ON P. C. CONCRETE	61	0.3					0.3					
		I3 ON BITUMINOUS CONCRETE	61	0.4			0.4							
	I4 ON OTHER TYPES THAN I2 AND I3	61	87.3	9.5	8.6	25.3	14.0	18.2	11.7					
J PORTLAND CEMENT CONCRETE		70	2.1		0.1	1.7			0.3					
K BRICK		80												
L BLOCK		90												
TOTAL HARD SURFACED		2,124.1	192.9	366.2	439.7	408.8	467.5	249.0						
TOTAL MILEAGE		4,168.7	451.0	657.1	897.7	664.5	993.7	504.7						

NORTH CAROLINA STATE HIGHWAY COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE OF ROAD

Rural Secondary Road

SYSTEM

COMPLETED AS OF January 1, 19 63

COUNTY Division Totals

DIVISION No. 13

TYPE OF ROAD		MILEAGE TOTAL	Buncombe Burke Madison McDowell Mitchell Rutherford Yancey									
			Buncombe	Burke	Madison	McDowell	Mitchell	Rutherford	Yancey			
NON SURF'D	A PRIMITIVE	00	2.4	0.1	0.2	1.4	0.7					
	B UNIMPROVED	10	114.4	12.4	15.4	35.3	9.9	18.2	12.9	10.3		
	C GRADED AND DRAINED	20	214.6	16.5	37.8	10.4	16.1	4.7	126.9	2.2		
	D SOIL SURFACED —UNTREATED	30	316.9	1.3	62.5	0.2	12.5		240.4			
	E GRAVEL OR STONE —UNTREATED	41-43	1,723.1	483.8	219.2	346.2	206.1	163.8	132.9	171.1		
	TOTAL NON HARD SURFACED		2,371.4	514.1	334.9	392.3	246.0	187.4	513.1	183.6		
LOW TYPE SURFACES	F BITUMINOUS SURFACE	F1 TOPSOIL OR SAND-CLAY	51	427.7	5.8	94.9	30.6	17.4	3.7	274.8	0.5	
	TREATED	F2 GRAVEL OR STONE	52-53	946.5	350.9	156.0	59.3	147.8	60.3	81.9	90.3	
		F3 WATERBOUND MACADAM	54	2.8			2.8					
	G MIXED BITUMINOUS	G1 NONRIGID BASE	61									
	G MIXED BITUMINOUS	G2 RIGID BASE	61	11.8	7.4				2.8	1.6		
	H BITUMINOUS PENETRATION	H1 NONRIGID BASE	62									
	H2 RIGID BASE	62		4.6	4.6							
HIGH TYPE SURFACES	I BITUMINOUS CONCRETE I1	I1	63	118.9	53.9	27.1	10.5	15.4	1.4	10.6		
	SAND ASPHALT —HOT PREMIXED	I2 ON P. C. CONCRETE	61									
	I3 ON BITUMINOUS CONCRETE	61		0.3	0.3							
	I4 ON OTHER TYPES THAN I2 AND I3	61		5.9	3.4		1.1			1.4		
	J PORTLAND CEMENT CONCRETE	70		28.5	13.8	1.2		7.7	2.9	2.9		
	K BRICK	80										
	L BLOCK	90										
	TOTAL HARD SURFACED		1,547.0	440.1	279.2	104.3	188.3	68.3	374.4	92.4		
	TOTAL MILEAGE		3,918.4	954.2	614.1	496.6	434.3	255.7	887.5	276.0		

NORTH CAROLINA STATE HIGHWAY COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE OF ROAD

Rural Secondary Road

SYSTEM

COMPLETED AS OF January 1, 19 63

COUNTY Division Totals

DIVISION No. 14

TYPE OF ROAD		MILEAGE TOTAL	COUNTY												
			Cherokee	Clay	Graham	Haywood	Henderson	Jackson	Macon	Polk	Swain	Transylvania	Other	Total	
NON SURF'D	A PRIMITIVE	00	8.1					2.1	6.0						
	B UNIMPROVED	10	238.3	29.4	12.1	3.3	17.5	8.5	73.4	58.4	7.8	8.4	19.5		
	C GRADED AND DRAINED	20	174.3	4.6	0.8	3.2	12.4	56.4	10.1	10.2	43.2	3.3	30.1		
	D SOIL SURFACED —UNTREATED	30	78.2					1.2			76.4		0.6		
	E GRAVEL OR STONE —UNTREATED	41-43	2,140.3	302.3	123.3	113.1	256.5	398.5	242.2	338.8	112.1	92.7	160.8		
TOTAL NON HARD SURFACED			2,639.2	336.3	136.2	119.6	286.4	466.7	331.7	407.4	239.5	104.4	211.0		
LOW TYPE SURFACES	F BITUMINOUS SURFACE	F1 TOPSOIL OR SAND-CLAY	51	164.8	0.1	2.2	3.5	15.7	20.6	9.3	28.1	61.3	13.2	10.8	
	TREATED	F2 GRAVEL OR STONE	52-53	772.1	98.8	53.8	45.0	111.0	124.2	65.0	81.5	56.2	55.0	81.6	
		F3 WATERBOUND MACADAM	54	9.1	7.5				1.6						
	G MIXED BITUMINOUS	G1 NONRIGID BASE	61												
	G2 RIGID BASE	61	0.3						0.3						
HIGH TYPE SURFACES	H BITUMINOUS PENETRATION	H1 NONRIGID BASE	62												
	H2 RIGID BASE	62	1.2					1.2							
		I BITUMINOUS CONCRETE I1	63	51.4		7.9		6.1	26.8	8.6	0.1		1.9		
	SAND ASPHALT —HOT PREMIXED	I2 ON P. C. CONCRETE	61	1.5				1.5							
		I3 ON BITUMINOUS CONCRETE	61												
		I4 ON OTHER TYPES THAN I2 AND I3	61	0.7				0.2	0.3		0.2				
J PORTLAND CEMENT CONCRETE		70	20.8				0.9	4.2	5.0	9.5		1.2			
K BRICK		80													
L BLOCK		90													
TOTAL HARD SURFACED			1,021.9	106.4	63.9	48.5	135.4	178.9	88.2	119.2	117.7	71.3	92.4		
TOTAL MILEAGE			3,661.1	442.7	200.1	168.1	421.8	645.6	419.9	526.6	357.2	175.7	303.4		

NORTH CAROLINA STATE HIGHWAY COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE OF ROAD

Municipal Secondary Road

SYSTEM

COMPLETED AS OF January 1, 1963

COUNTY Division Totals

DIVISION No. 1

TYPE OF ROAD		MILEAGE TOTAL														
			Bertie	Camden	Chowan	Currituck	Dare	Gates	Hertford	Hyde	Martin	Northampton	Pasquotank	Perquimans	Tyrrell	Washington
NON SURFED	A PRIMITIVE	00														
	B UNIMPROVED	10	5.28					4.70			0.10		0.20	0.08		0.20
	C GRADED AND DRAINED	20	5.13	2.02						0.16	0.39	1.39	0.34	0.24		0.59
	D SOIL SURFACED —UNTREATED	30	2.06	0.10				0.10	0.20		0.28		0.80	0.08		0.50
	E GRAVEL OR STONE —UNTREATED	41-43	0.40						0.09	0.10		0.21				
	TOTAL NON HARD SURFACED		12.87	2.12				4.80	0.29	0.26	0.77	1.60	1.34	0.40		1.29
LOW TYPE SURFACES	F BITUMINOUS SURFACE	F1 TOPSOIL OR SAND-CLAY	51	25.43	9.72					2.21		3.36	9.90	0.12		0.12
	TREATED	F2 GRAVEL OR STONE	52-53	13.45		0.05		5.83		0.38	1.51	1.91	1.42	0.30	0.11	0.21
		F3 WATERBOUND MACADAM	54													
	G MIXED BITUMINOUS	G1 NONRIGID BASE	61	1.80				0.63	0.57					0.60		
	G2 RIGID BASE	61	0.44							0.12					0.32	
	H BITUMINOUS PENETRATION	H1 NONRIGID BASE	62													
HIGH TYPE SURFACES	H2 RIGID BASE	62														
	I BITUMINOUS CONCRETE	I1	63	3.50						1.54		1.64		0.24		0.08
	SAND ASPHALT —HOT PREMIXED	I2 ON P. C. CONCRETE	61	2.22										0.35	0.23	1.64
		I3 ON BITUMINOUS CONCRETE	61	0.74										0.74		
		I4 ON OTHER TYPES THAN I2 AND I3	61	19.37	0.65	0.74		2.11		1.33	0.47	5.27	0.50	4.48	0.66	3.16
	J PORTLAND CEMENT CONCRETE	70	3.32					0.50	0.06					0.56	0.10	2.10
	K BRICK	80	0.87											0.87		
	L BLOCK	90														
	TOTAL HARD SURFACED		71.14	10.37	0.79		9.07	0.63	5.46	2.10	10.54	13.46	7.42	1.84	0.63	8.83
	TOTAL MILEAGE		84.01	12.49	0.79		13.87	0.92	5.72	2.87	12.14	14.80	7.82	1.84	0.63	10.12

NORTH CAROLINA STATE HIGHWAY COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE OF ROAD

Municipal Secondary Road

SYSTEM

COMPLETED AS OF January 1, 1963

COUNTY Division Totals

DIVISION No. 2

TYPE OF ROAD		MILEAGE TOTAL	COUNTY Division Totals									
			Beaufort	Carteret	Craven	Greene	Jones	Lenoir	Pamlico	Pitt	Other	Other
NON SURFED	A PRIMITIVE	00										
	B UNIMPROVED	10	3.37	1.10	0.40	1.26	0.10		0.21	0.30		
	C GRADED AND DRAINED	20	10.04	2.73		4.32	0.14		0.83	0.69	1.33	
	D SOIL SURFACED —UNTREATED	30	4.16	1.23		0.20			0.44		2.29	
	E GRAVEL OR STONE —UNTREATED	41-43	2.87	1.50	0.53	0.33			0.06	0.45		
	TOTAL NON HARD SURFACED		20.44	6.56	0.93	6.11	0.24		1.27	0.96	4.37	
LOW TYPE SURFACES	F BITUMINOUS SURFACE TREATED	F ₁ TOPSOIL OR SAND-CLAY	51	7.34		0.14	1.61	1.60	0.80	1.51	1.68	
		F ₂ GRAVEL OR STONE	52-53	4.06	1.13		1.86	0.06	0.30	0.14	0.57	
		F ₃ WATERBOUND MACADAM	54	0.48						0.48		
	G MIXED BITUMINOUS	G ₁ NONRIGID BASE	61	3.10	0.30	0.97		0.40		0.10	1.33	
	G MIXED BITUMINOUS	G ₂ RIGID BASE	61	0.90		0.70	0.20					
	H BITUMINOUS PENETRATION	H ₁ NONRIGID BASE	62									
		H ₂ RIGID BASE	62									
HIGH TYPE SURFACES	I BITUMINOUS CONCRETE I ₁	I ₁	63	22.46	1.28	5.28	6.30	0.63		4.08	0.06	4.83
	SAND ASPHALT —HOT PREMIXED	I ₂ ON P. C. CONCRETE	61	3.76	1.00		0.20				2.56	
		I ₃ ON BITUMINOUS CONCRETE	61	2.16	0.92		0.40	0.37		0.47		
		I ₄ ON OTHER TYPES THAN I ₂ AND I ₃	61	45.99	9.04	11.92	5.73	0.79	1.28	5.30	1.19	10.74
	J PORTLAND CEMENT CONCRETE	J	70	4.25	0.58		2.30				1.37	
	K BRICK	K	80	0.88			0.88					
	L BLOCK	L	90									
TOTAL HARD SURFACED			95.38	14.25	19.01	19.48	3.85	1.58	10.65	3.00	23.56	
TOTAL MILEAGE			115.82	20.81	19.94	25.59	4.09	1.58	11.92	3.96	27.93	

NORTH CAROLINA STATE HIGHWAY COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE OF ROAD

Municipal Secondary Road

SYSTEM

COMPLETED AS OF January 1, 1963

COUNTY Division Totals

DIVISION No. 3

TYPE OF ROAD		MILEAGE TOTAL										
			Brunswick	Duplin	New Hanover	Onslow	Pender	Sampson				
NON SURF'D	A PRIMITIVE	00	0.34		0.34							
	B UNIMPROVED	10	2.19	1.37	0.43			0.20	0.19			
	C GRADED AND DRAINED	20	7.73	2.94	2.59		0.83	0.26	1.11			
	D SOIL SURFACED —UNTREATED	30	7.51	0.33	0.49	1.15		2.20	3.34			
	E GRAVEL OR STONE --UNTREATED	41-43	0.32		0.13			0.19				
	TOTAL NON HARD SURFACED		18.09	4.64	3.85	1.28	0.83	2.85	4.64			
LOW TYPE SURFACES	F BITUMINOUS SURFACE TREATED	F1 TOPSOIL OR SAND-CLAY 51	16.04	0.61	5.39	0.14	0.45	4.84	4.61			
		F2 GRAVEL OR STONE 52-53	0.81					0.81				
		F3 WATERBOUND MACADAM 54										
	G MIXED BITUMINOUS	G1 NONRIGID BASE 61	20.53	16.41	1.05	0.04		1.45	1.58			
	G MIXED BITUMINOUS	G2 RIGID BASE 61	X	0.58	0.08	0.18	0.32					
	H BITUMINOUS PENETRATION	H1 NONRIGID BASE 62										
HIGH TYPE SURFACES	H2 RIGID BASE	62										
	I BITUMINOUS CONCRETE I1	63	16.33		4.59	4.37	0.76	1.17	5.44			
	SAND ASPHALT —HOT PREMIXED	I2 ON P. C. CONCRETE 61	0.58		0.58							
		I3 ON BITUMINOUS CONCRETE 61	2.06				1.61		0.45			
		I4 ON OTHER TYPES THAN I2 AND I3 61	35.70	3.78	9.48	7.48	4.78	2.85	7.33			
	J PORTLAND CEMENT CONCRETE	70	1.43		0.54			0.89				
K BRICK		80										
L BLOCK		90										
TOTAL HARD SURFACED		94.06	20.88	21.27	12.89	7.60	11.12	20.30				
TOTAL MILEAGE		112.15	25.52	25.12	14.17	8.43	13.97	24.94				

NORTH CAROLINA STATE HIGHWAY COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE OF ROAD

Municipal Secondary Road

SYSTEM

COMPLETED AS OF January 1, 1963

COUNTY Division Totals

DIVISION No. 4

TYPE OF ROAD		MILEAGE TOTAL							
			Edgecombe	Halifax	Johnston	Nash	Wayne	Wilson	
NON SURFED	A PRIMITIVE	00							
	B UNIMPROVED	10	0.35		0.20	0.05		0.10	
	C GRADED AND DRAINED	20	1.56		0.80	0.41	0.12	0.23	
	D SOIL SURFACED —UNTREATED	30	4.61	0.06	0.18	2.04	0.35	1.98	
	E GRAVEL OR STONE —UNTREATED	41-43	0.44	0.25		0.04	0.15		
TOTAL NON HARD SURFACED			6.96	0.31	1.18	2.54	0.62	1.98	0.33
LOW TYPE SURFACES	F BITUMINOUS SURFACE TREATED	F1 TOPSOIL OR SAND-CLAY 51	43.79	7.72	7.69	7.79	8.40	3.42	8.77
	F2 GRAVEL OR STONE 52-53		4.16	1.34	0.65		1.04	0.83	0.30
	F3 WATERBOUND MACADAM 54								
	G MIXED BITUMINOUS	G1 NONRIGID BASE 61	x	0.23			0.23		
	G2 RIGID BASE 61		x	0.98			0.90	0.08	
H BITUMINOUS PENETRATION	H1 NONRIGID BASE 62								
	H2 RIGID BASE 62								
I BITUMINOUS CONCRETE I1		63	22.31	3.47	1.78	5.37	3.85	5.90	1.94
SAND ASPHALT —HOT PREMIXED	I2 ON P. C. CONCRETE 61		1.21		1.21				
	I3 ON BITUMINOUS CONCRETE 61		5.50				0.48	4.82	0.20
	I4 ON OTHER TYPES THAN I2 AND I3 61		25.13	4.15	1.74	5.65	4.04	4.64	4.91
J PORTLAND CEMENT CONCRETE		70	1.37		0.30		0.22	0.20	0.65
K BRICK		80							
L BLOCK		90							
TOTAL HARD SURFACED		104.68	16.68	13.37	18.81	18.26	20.71	16.85	
TOTAL MILEAGE		111.64	16.99	14.55	21.35	18.88	22.69	17.18	

NORTH CAROLINA STATE HIGHWAY COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE OF ROAD

Municipal Secondary Road

SYSTEM

COMPLETED AS OF January 1, 19 63

COUNTY Division Totals

DIVISION No. 5

TYPE OF ROAD		MILEAGE TOTAL	COUNTY Division Totals								
			Durham	Franklin	Granville	Person	Vance	Wake	Warren	Other	Other
NON SURFD	A PRIMITIVE	00									
	B UNIMPROVED	10	1.21		0.27	0.22	0.47	0.19	0.06		
	C GRADED AND DRAINED	20	1.58		0.69		0.24	0.50	0.15		
LOW TYPE SURFACES	D SOIL SURFACED —UNTREATED	30	4.98	0.73	0.11		1.86	1.51	0.77		
	E GRAVEL OR STONE —UNTREATED	41-43	3.88	1.05	0.10	0.16	0.15	1.59	0.42	0.41	
	TOTAL NON HARD SURFACED		11.65	1.78	0.21	1.12	0.37	4.16	2.62	1.39	
	F BITUMINOUS SURFACE TREATED	F1 TOPSOIL OR SAND-CLAY 51	49.50	2.64	4.30	4.41	0.15	5.11	27.54	5.35	
		F2 GRAVEL OR STONE 52-53	15.46	6.47		2.61	3.08	0.46	2.03	0.81	
		F3 WATERBOUND MACADAM 54	2.03	1.34		0.69					
	G MIXED BITUMINOUS	G1 NONRIGID BASE 61	x	0.48	0.10				0.38		
		G2 RIGID BASE 61	x	1.23	1.23						
HIGH TYPE SURFACES	H BITUMINOUS PENETRATION	H1 NONRIGID BASE 62									
		H2 RIGID BASE 62									
	I BITUMINOUS CONCRETE I1	63	28.73	10.24	1.21	2.41	0.32	1.61	12.69	0.25	
	SAND ASPHALT —HOT PREMIXED	I2 ON P. C. CONCRETE 61	0.67						0.67		
		I3 ON BITUMINOUS CONCRETE 61	0.40	0.40							
		I4 ON OTHER TYPES THAN I2 AND I3 61	15.30	3.83	0.14	0.92	0.14	0.78	9.49		
	J PORTLAND CEMENT CONCRETE	70	6.96	1.85	0.84		0.09	0.85	3.30	0.03	
	K BRICK	80									
	L BLOCK	90									
	TOTAL HARD SURFACED		120.76	28.10	6.49	11.04	3.78	8.81	56.10	6.44	
	TOTAL MILEAGE		132.41	29.88	6.70	12.16	4.15	12.97	58.72	7.83	

NORTH CAROLINA STATE HIGHWAY COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE OF ROAD

Municipal Secondary Road

SYSTEM

COMPLETED AS OF January 1, 1963

COUNTY Division Totals

DIVISION No. 6

TYPE OF ROAD		MILEAGE TOTAL							
			Bladen	Columbus	Cumberland	Harnett	Robeson		
NON SURF'D	A PRIMITIVE	00							
	B UNIMPROVED	10	2.31		0.30	0.64	0.87	0.50	
	C GRADED AND DRAINED	20	7.09	0.60	4.25		0.23	2.01	
	D SOIL SURFACED —UNTREATED	30	10.99	0.55	4.73	2.34	1.85	1.52	
	E GRAVEL OR STONE —UNTREATED	41-43	0.35			0.35			
	TOTAL NON HARD SURFACED		20.74	1.15	9.28	2.98	3.30	4.03	
LOW TYPE SURFACES	F BITUMINOUS SURFACE TREATED	F1 TOPSOIL OR SAND-CLAY 51	50.24	1.96	7.31	8.76	10.43	21.78	
		F2 GRAVEL OR STONE 52-53	1.48				0.82	0.66	
		F3 WATERBOUND MACADAM 54							
	G MIXED BITUMINOUS	G1 NONRIGID BASE 61	x	2.09		0.70	1.22	0.17	
	G MIXED BITUMINOUS	G2 RIGID BASE 61	x	0.64			0.64		
	H BITUMINOUS PENETRATION	H1 NONRIGID BASE 62							
HIGH TYPE SURFACES		H2 RIGID BASE 62							
	I BITUMINOUS CONCRETE I1	63	21.34	0.10	3.78	11.39	3.48	2.59	
	SAND ASPHALT —HOT PREMIXED	I2 ON P. C. CONCRETE 61		1.38			1.38		
		I3 ON BITUMINOUS CONCRETE 61		0.96			0.96		
		I4 ON OTHER TYPES THAN I2 AND I3 61		25.64	3.72	10.47	3.60	0.16	7.69
	J PORTLAND CEMENT CONCRETE	70	1.64		0.33	0.07		1.24	
K BRICK	80								
L BLOCK	90								
TOTAL HARD SURFACED		105.41	5.78	22.59	28.02	14.89	34.13		
TOTAL MILEAGE		126.15	6.93	31.87	31.00	18.19	38.16		

NORTH CAROLINA STATE HIGHWAY COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE OF ROAD

Municipal Secondary Road

SYSTEM

COMPLETED AS OF January 1, 1963

COUNTY Division Totals
 DIVISION No. 7

TYPE OF ROAD		MILEAGE TOTAL					
			Alamance	Caswell	Guilford	Orange	Rockingham
NON SURF'D	A PRIMITIVE	00					
	B UNIMPROVED	10	0.54		0.49	0.05	
	C GRADED AND DRAINED	20	0.81		0.40	0.27	0.14
	D SOIL SURFACED —UNTREATED	30	0.87		0.29	0.34	0.24
	E GRAVEL OR STONE —UNTREATED	41-43	10.22	2.75	4.43	0.30	2.74
	TOTAL NON HARD SURFACED		12.44	2.75	5.61	0.96	3.12
LOW TYPE SURFACES	F BITUMINOUS SURFACE	F1 TOPSOIL OR SAND-CLAY	51	38.98	9.02	16.09	6.89
	TREATED	F2 GRAVEL OR STONE	52-53	53.49	11.77	27.76	1.45
		F3 WATERBOUND MACADAM	54				12.51
	G MIXED BITUMINOUS	G1 NONRIGID BASE	61	x			
	G MIXED BITUMINOUS	G2 RIGID BASE	61	x			
	H BITUMINOUS PENETRATION	H1 NONRIGID BASE	62				
HIGH TYPE SURFACES	I BITUMINOUS CONCRETE I:	I2 ON P. C. CONCRETE	61				
		I3 ON BITUMINOUS CONCRETE	61	2.12		2.04	0.08
		I4 ON OTHER TYPES THAN I2 AND I3	61	2.93		2.20	0.73
		J PORTLAND CEMENT CONCRETE	70	10.02	1.00	7.65	1.37
	K BRICK	80	0.05			0.05	
	L BLOCK	90					
TOTAL HARD SURFACED		145.15	26.74		86.06	9.21	23.14
TOTAL MILEAGE		157.59	29.49		91.67	10.17	26.26

NORTH CAROLINA STATE HIGHWAY COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE OF ROAD

Municipal Secondary Road

SYSTEM

COMPLETED AS OF January 1, 1963

COUNTY Division Totals

DIVISION No. 8

TYPE OF ROAD		MILEAGE TOTAL	COUNTY Division Totals								
			Chatham	Hoke	Lee	Montgomery	Moore	Randolph	Richmond	Scotland	Other
NON SURF'D	A PRIMITIVE	00									
	B UNIMPROVED	10	3.91	1.12		0.33		0.54	1.45		0.47
	C GRADED AND DRAINED	20	4.85	1.91		0.07	0.37	1.28	1.22		
	D SOIL SURFACED —UNTREATED	30	11.20	0.50		1.45	0.10	3.52	1.40	2.04	2.19
	E GRAVEL OR STONE —UNTREATED	41-43	2.64	0.30		0.29			2.05		
	TOTAL NON HARD SURFACED		22.60	3.83		2.14	0.47	5.34	6.12	2.04	2.66
LOW TYPE SURFACES	F BITUMINOUS SURFACE TREATED	F1 TOPSOIL OR SAND-CLAY 51	99.25	8.79	4.46	15.54	5.94	24.96	23.76	8.12	7.68
	F2 GRAVEL OR STONE 52-53		20.20	5.07		3.58	0.51	0.30	8.04	2.03	0.67
	F3 WATERBOUND MACADAM 54		0.17					0.17			
	G MIXED BITUMINOUS	G1 NONRIGID BASE 61	x								
	G2 RIGID BASE 61		x								
	H BITUMINOUS PENETRATION	H1 NONRIGID BASE 62									
HIGH TYPE SURFACES	H2 RIGID BASE 62		0.06						0.06		
	I BITUMINOUS CONCRETE I1	63	16.54	2.71	0.25	0.80	0.47	2.03	4.16	2.53	3.59
	SAND ASPHALT —HOT PREMIXED	I2 ON P. C. CONCRETE 61		1.16			0.30		0.13	0.73	
	I3 ON BITUMINOUS CONCRETE 61		0.94				0.40		0.09	0.45	
	I4 ON OTHER TYPES THAN I2 AND I3 61		23.40		1.25	0.04	3.12	9.09	0.41	9.01	0.48
	J PORTLAND CEMENT CONCRETE 70		4.84	3.38		0.19			1.07	0.20	
	K BRICK 80										
	L BLOCK 90										
	TOTAL HARD SURFACED		166.56	19.95	5.96	20.15	10.74	36.38	37.83	23.13	12.42
	TOTAL MILEAGE		189.16	23.78	5.96	22.29	11.21	41.72	43.95	25.17	15.08

NORTH CAROLINA STATE HIGHWAY COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE OF ROAD

Municipal Secondary Road SYSTEM

COMPLETED AS OF January 1, 1963

COUNTY Division Totals

DIVISION No. 9

TYPE OF ROAD		MILEAGE TOTAL											
			Davidson	Davie	Forsyth	Rowan	Stokes						
NON SURF'D	A PRIMITIVE	00											
	B UNIMPROVED	10	0.47	0.40			0.07						
	C GRADED AND DRAINED	20	2.74	0.38	0.20	0.88	0.20	1.08					
	D SOIL SURFACED —UNTREATED	30	4.92	1.21	0.46	0.48	2.07	0.70					
	E GRAVEL OR STONE —UNTREATED	41-43	1.74		0.62	0.78	0.34						
	TOTAL NON HARD SURFACED		9.87	1.99	1.28	2.14	2.68	1.78					
LOW TYPE SURFACES	F BITUMINOUS SURFACE TREATED	F1 TOPSOIL OR SAND-CLAY 51	45.18	17.18	1.93	7.57	16.72	1.78					
		F2 GRAVEL OR STONE 52-53	17.68	2.08	0.86	10.35	4.39						
	G MIXED BITUMINOUS	F3 WATERBOUND MACADAM 54											
		G1 NONRIGID BASE 61	x										
	G MIXED BITUMINOUS	G2 RIGID BASE 61	x	0.31			0.05	0.26					
	H BITUMINOUS PENETRATION	H1 NONRIGID BASE 62											
		H2 RIGID BASE 62		2.13				2.13					
	I BITUMINOUS CONCRETE I1	I1 ON P. C. CONCRETE 63	35.25	7.73		18.08	9.44						
	SAND ASPHALT —HOT PREMIXED	I2 ON BITUMINOUS CONCRETE 61	1.24	0.78		0.46							
		I3 ON OTHER TYPES THAN I2 AND I3 61	0.77			0.65	0.12						
	J PORTLAND CEMENT CONCRETE	I4 ON OTHER TYPES THAN I2 AND I3 61	5.09	3.35			1.74						
	K BRICK												
	L BLOCK												
	TOTAL HARD SURFACED		114.33	31.94	2.79	42.97	34.85	1.78					
	TOTAL MILEAGE		124.20	33.93	4.07	45.11	37.53	3.56					

NORTH CAROLINA STATE HIGHWAY COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE OF ROAD

Municipal Secondary Road

SYSTEM

COMPLETED AS OF January 1, 1963

COUNTY Division Totals
 DIVISION No. 10

TYPE OF ROAD		MILEAGE TOTAL					
			Anson	Cabarrus	Mecklenburg	Stanly	Union
NON SURFD	A PRIMITIVE	00					
	B UNIMPROVED	10	1.40	0.15	0.12	1.03	0.10
	C GRADED AND DRAINED	20	0.78			0.28	0.20
	D SOIL SURFACED —UNTREATED	30	1.41	0.95	0.09	0.10	0.27
	E GRAVEL OR STONE —UNTREATED	41-43	2.17	0.18		0.10	0.77
	TOTAL NON HARD SURFACED		5.76	1.28	0.21	0.38	2.10
	F BITUMINOUS SURFACE	F1 TOPSOIL OR SAND-CLAY	51	34.76	11.31	1.32	9.00
	TREATED	F2 GRAVEL OR STONE	52-53	33.20	1.31	0.58	11.98
		F3 WATERBOUND MACADAM	54	0.92			0.92
LOW TYPE SURFACES	G MIXED BITUMINOUS	G1 NONRIGID BASE	61	0.29	0.29		
	G MIXED BITUMINOUS	G2 RIGID BASE	61	0.66			0.66
	H BITUMINOUS PENETRATION	H1 NONRIGID BASE	62	0.20			0.20
	H2 RIGID BASE	62	1.11			1.11	
		I BITUMINOUS CONCRETE I1	63	38.42	2.14	3.42	24.92
	SAND ASPHALT —HOT PREMIXED	I2 ON P. C. CONCRETE	61	3.28			3.28
		I3 ON BITUMINOUS CONCRETE	61	4.55	0.04		4.51
		I4 ON OTHER TYPES THAN I2 AND I3	61	4.00	1.43		1.98
	J PORTLAND CEMENT CONCRETE	70	3.72	1.73	0.59	0.16	0.24
	K BRICK	80					
	L BLOCK	90					
TOTAL HARD SURFACED		125.11	18.25	5.91	58.06	17.81	25.08
TOTAL MILEAGE		130.87	19.53	6.12	58.44	19.91	26.87

NORTH CAROLINA STATE HIGHWAY COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE OF ROAD

Municipal Secondary Road

SYSTEM

COMPLETED AS OF January 1, 19⁶³

COUNTY Division Totals
 DIVISION No. 11

TYPE OF ROAD		MILEAGE TOTAL	COUNTY Division Totals									
			Alleghany	Ashe	Avery	Caldwell	Surry	Watauga	Wilkes	Yadkin		
NON SURF'D	A PRIMITIVE	00	0.20	0.20								
	B UNIMPROVED	10	2.49		0.58	0.90	0.27		0.53	0.21		
	C GRADED AND DRAINED	20	3.78	0.05	0.34	0.15	0.73	0.48	0.70	0.85	0.48	
	D SOIL SURFACED —UNTREATED	30	0.75							0.75		
	E GRAVEL OR STONE —UNTREATED	41-43	11.56	0.10	0.54	4.45	2.77	0.84	1.56	1.08	0.22	
	TOTAL NON HARD SURFACED		18.78	0.35	1.46	5.50	3.77	1.32	2.26	2.46	1.66	
LOW TYPE SURFACES	F BITUMINOUS SURFACE	F1 TOPSOIL OR SAND-CLAY	51	14.56	0.30		0.79	6.59	1.84	2.01	3.03	
		F2 GRAVEL OR STONE	52-53	36.50	1.61	3.89	4.99	7.87	2.63	3.68	2.58	9.25
		F3 WATERBOUND MACADAM	54	0.89			0.89					
	G MIXED BITUMINOUS	G1 NONRIGID BASE	61	x								
		G2 RIGID BASE	61	0.44			0.44					
	H BITUMINOUS PENETRATION	H1 NONRIGID BASE	62									
		H2 RIGID BASE	62	0.20			0.20					
	I BITUMINOUS CONCRETE I1	63	1.83				0.60	0.80		0.43		
	SAND ASPHALT —HOT PREMIXED	I2 ON P. C. CONCRETE	61									
		I3 ON BITUMINOUS CONCRETE	61									
		I4 ON OTHER TYPES THAN I2 AND I3	61									
	J PORTLAND CEMENT CONCRETE	70	6.14			1.50	1.78		0.40	2.46		
	K BRICK	80										
	L BLOCK	90										
	TOTAL HARD SURFACED		60.56	1.91	3.89	7.11	16.76	7.05	5.69	3.41	14.74	
	TOTAL MILEAGE		79.34	2.26	5.35	12.61	20.53	8.37	7.95	5.87	16.40	

NORTH CAROLINA STATE HIGHWAY COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE OF ROAD

Municipal Secondary Road

SYSTEM

COMPLETED AS OF January 1, 19⁶³

COUNTY Division Totals
 DIVISION No. 12

TYPE OF ROAD		MILEAGE TOTAL	COUNTY Division Totals												
			Alexander	Catawba	Cleveland	Gaston	Iredell	Lincoln	Mecklenburg	Rowan	Stanly	Union	Wilkes	Wilson	Yadkin
NON SURFED	A PRIMITIVE	00													
	B UNIMPROVED	10	1.03		0.29		0.59	0.15							
	C GRADED AND DRAINED	20	0.32				0.28	0.04							
LOW TYPE SURFACES	D SOIL SURFACED —UNTREATED	30	7.88	0.21	1.02	2.41	1.55	0.66	2.03						
	E GRAVEL OR STONE —UNTREATED	41-43	3.21		0.42	1.31	1.15	0.33							
	TOTAL NON HARD SURFACED		12.44	0.21	1.73	3.72	3.57	1.18	2.03						
HIGH TYPE SURFACES	F BITUMINOUS SURFACE	F₁ TOPSOIL OR SAND-CLAY	51	33.39	0.85	9.88	7.93	4.22	6.44	4.07					
		F₂ GRAVEL OR STONE	52-53	31.18	0.55	7.08	7.56	9.99	3.29	2.71					
		F₃ WATERBOUND MACADAM	54												
	G MIXED BITUMINOUS	G₁ NONRIGID BASE	61	x											
		G₂ RIGID BASE	61	0.76	0.10			0.66							
	H BITUMINOUS PENETRATION	H₁ NONRIGID BASE	62												
		H₂ RIGID BASE	62		0.51			0.51							
	I BITUMINOUS CONCRETE I₁	I₁ ON P. C. CONCRETE	63	22.48	0.39	6.42	1.51	8.78	2.98	2.40					
		I₂ ON BITUMINOUS CONCRETE	61	1.96	0.49	0.72		0.74	0.01						
		I₃ ON OTHER TYPES THAN I₂ AND I₃	61	3.66		0.84	0.73	2.09							
	J PORTLAND CEMENT CONCRETE	J₁	70	4.41		3.14	0.01	0.90	0.30	0.06					
	K BRICK	K₁	80												
	L BLOCK	L₁	90												
	TOTAL HARD SURFACED		98.35	2.38	28.08	17.74	27.89	13.02	9.24						
	TOTAL MILEAGE		110.79	2.59	29.81	21.46	31.46	14.20	11.27						

NORTH CAROLINA STATE HIGHWAY COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE OF ROAD

Municipal Secondary Road

SYSTEM

COMPLETED AS OF January 1, 1963

COUNTY Division Totals

DIVISION No. 13

TYPE OF ROAD		MILEAGE TOTAL	Buncombe Burke Madison McDowell Mitchell Rutherford Yancey						
NON SURF'D	A PRIMITIVE	00							
	B UNIMPROVED	10	1.80	0.20	0.38	0.80	0.30	0.12	
	C GRADED AND DRAINED	20	0.63		0.15		0.10	0.38	
	D SOIL SURFACED —UNTREATED	30	2.45		1.20			1.25	
	E GRAVEL OR STONE —UNTREATED	41-43	13.85	2.34	1.08	1.68	1.02	3.64	0.46
	TOTAL NON HARD SURFACED		18.73	2.54	2.81	2.48	1.02	4.03	0.46
LOW TYPE SURFACES	F BITUMINOUS SURFACE TREATED	F1 TOPSOIL OR SAND-CLAY 51	30.48		11.28	1.19	0.49	0.39	16.93 0.20
	F2 GRAVEL OR STONE 52-53		32.40	6.83	2.16	5.23	2.04	2.61	12.89 0.64
	F3 WATERBOUND MACADAM 54								
	G MIXED BITUMINOUS	G1 NONRIGID BASE 61	x	0.07		0.07			
	G2 RIGID BASE	61	x	0.12	0.12				
	H BITUMINOUS PENETRATION	H1 NONRIGID BASE 62							
HIGH TYPE SURFACES	H2 RIGID BASE	62							
	I BITUMINOUS CONCRETE I1	I1	14.94	3.60	3.65	5.04	0.89	0.59	1.17
	SAND ASPHALT —HOT PREMIXED	I2 ON P. C. CONCRETE 61							
	I3 ON BITUMINOUS CONCRETE 61								
	I4 ON OTHER TYPES THAN I2 AND I3 61		2.18		0.50	0.04		1.64	
	J PORTLAND CEMENT CONCRETE	70	5.16	0.57	0.14	1.27	2.10	0.56	0.52
	K BRICK	80							
	L BLOCK	90							
	TOTAL HARD SURFACED		85.35	11.12	17.80	12.77	5.52	3.59	33.19 1.36
	TOTAL MILEAGE		104.08	13.66	20.61	15.25	6.54	7.62	38.58 1.82

NORTH CAROLINA STATE HIGHWAY COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE OF ROAD

Municipal Secondary Road SYSTEM

COMPLETED AS OF January 1, 1963

COUNTY Division Totals
 DIVISION No. 14

TYPE OF ROAD		MILEAGE TOTAL										
			Cherokee	Clay	Graham	Haywood	Henderson	Jackson	Macon	Polk	Swain	Transylvania
NON SURFD	A PRIMITIVE	00										
	B UNIMPROVED	10	3.19	0.30					2.04		0.22	0.45
	C GRADED AND DRAINED	20	0.73				0.23		0.50			
	D SOIL SURFACED —UNTREATED	30										
LOW TYPE SURFACES	E GRAVEL OR STONE —UNTREATED	41-43	18.73	3.45	0.04		1.03	0.14	6.09	4.47	1.55	1.35
	TOTAL NON HARD SURFACED		22.65	3.75	0.04		1.26	0.14	8.63	4.47	1.77	1.80
	F BITUMINOUS SURFACE	F1 TOPSOIL OR SAND-CLAY	51	4.50	0.15		0.51	1.38		0.65	1.81	
	TREATED	F2 GRAVEL OR STONE	52-53	34.99	6.72	2.03	1.24	4.19	1.81	3.94	3.64	2.85
		F3 WATERBOUND MACADAM	54								4.38	4.19
HIGH TYPE SURFACES	G MIXED BITUMINOUS	G1 NONRIGID BASE	61	x	0.05				0.05			
	G MIXED BITUMINOUS	G2 RIGID BASE	61	x								
		H BITUMINOUS PENETRATION	62									
	I BITUMINOUS CONCRETE	H1 NONRIGID BASE	62									
		I2 ON P. C. CONCRETE	63	11.41	0.25			5.07	1.32		0.06	0.43
SAND ASPHALT —HOT PREMIXED	I3 ON BITUMINOUS CONCRETE	61	3.34					1.20	2.14			
		I4 ON OTHER TYPES THAN I2 AND I3	61	2.15				1.68	0.22		0.25	
	J PORTLAND CEMENT CONCRETE	70	4.58	0.40			0.59		1.17		1.43	0.99
	K BRICK	80										
	L BLOCK	90										
TOTAL HARD SURFACED		61.43	7.52	2.03	1.75	14.31	5.62	5.11	4.35	6.90	6.50	7.34
TOTAL MILEAGE		84.08	11.27	2.07	1.75	15.57	5.76	13.74	8.82	8.67	8.30	8.13