

EXPLANATORY INFORMATION-MILEAGE SUMMARY CLASSIFICATION

FORM SP-103

NORTH CAROLINA STATE HIGHWAY AND PUBLIC WORKS COMMISSION

DIVISION OF STATISTICS AND PLANNING

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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 reasonably 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 and 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.)

- M - DUAL TYPE: Any high type pavement, the wearing surface of which consists of two individual types, each of which has an aggregate width of at least eight feet, which may be in divided strips; both individual types being of such depth as to be classed logically as a part of the traffic bearing road surface, rather than as surfaced shoulders. (If resurfaced- see G-2, I-2 and I-3.)

- N - COMBINATION TYPE: Any high type pavement, the wearing surface of which consists of two individual types, only one of which has an aggregate width of at least eight feet, both individual types being of such depth as to be classed logically as a part of the traffic bearing road surface, rather than as surfaced shoulders. (If resurfaced- see G-2, I-2, and I-3.)

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 MINICIPAL 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 COUNTY ROAD SYSTEM is composed of all non-numbered State-maintained roads with the following exceptions:
 - a. The Rural County 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 County Road System does not include roads or streets lying within the corporate limits of any incorporated town, regardless of population.
4. THE MUNICIPAL COUNTY SYSTEM is composed of important municipal extensions of the Rural County 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 State Highway And Public Works Commission, Division of Statistics and Planning. The date on which the status of incorporation is determined corresponds with the data of the mileage tabulation. (All towns shown in the official U. S. 1940 Census are considered incorporated, regardless of population.)

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

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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 Division Of Statistics and Planning of the N. C. State Highway And Public Works Commission.

February 20, 1950

NORTH CAROLINA STATE HIGHWAY AND PUBLIC WORKS COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE AND WIDTH OF ROAD

COUNTY _____ STATE TOTALS _____
DIVISION No. 1 through 14

ALL SYSTEMS			SYSTEM		COMPLETED AS OF JAN . 1 1954														DIVISION No. 1 through 14							
TYPE OF ROAD				MILEAGE TOTAL	Division #1	Division #2	Division #3	Division #4	Division #5	Division #6	Division #7	Division #8	Division #9	Division #10	Division #11	Division #12	Division #13	Division #14								
NON SURFD	A	PRIMITIVE	00	461.5	39.5	10.3	45.2	17.7	11.5	60.5	2.8	37.1	13.6	76.1	98.4	0.3	13.1	35.4								
	B	UNIMPROVED	10	2710.4	134.8	153.6	170.2	143.4	74.9	178.2	132.7	179.2	234.7	117.9	473.0	38.6	259.9	419.3								
	C	GRADED AND DRAINED	20	9737.1	983.9	1422.9	835.7	876.1	816.0	896.1	845.0	814.0	380.2	340.8	686.6	165.3	382.6	291.9								
LOW TYPE SURFACES	D	SOIL SURFACED —UNTREATED	30	8952.4	292.2	369.1	1171.6	929.4	751.2	1106.6	273.8	1056.3	779.2	339.8	226.6	1277.0	312.7	66.9								
	E	GRAVEL OR STONE —UNTREATED	41-43	13110.0	451.6	176.3	29.9	329.7	935.1	44.0	1285.6	541.8	860.8	1140.9	2289.3	1137.5	1818.8	2068.7								
	TOTAL NON HARD SURFACED			34971.4	1902.0	2132.2	2252.6	2296.3	2588.7	2285.4	2539.9	2628.4	2268.5	2015.5	3773.9	2618.7	2787.1	2882.2								
	F	BITUMINOUS SURFACE TREATED	F1	TOPSOIL OR SAND-CLAY	51	11898.5	824.0	231.5	343.1	1354.4	1290.0	1119.1	759.1	1573.7	1277.1	812.4	394.8	1308.0	438.6	172.7						
			F2	GRAVEL OR STONE	52-53	6920.3	309.5	119.1	35.7	264.7	250.1	79.5	764.1	351.8	444.3	891.2	1087.2	351.4	1030.8	940.9						
			F3	WATERBOUND MACADAM	54	71.5		1.0		6.2	3.2				10.3	14.9	11.7	2.2	8.6	13.4						
	G	MIXED BITUMINOUS	G1	NONRIGID BASE	61	495.5	182.1	27.0	140.8	0.2	0.6	143.2		1.6												
	G	MIXED BITUMINOUS	G2	RIGID BASE	61	724.8	85.3	26.0	171.5	37.0	35.5	105.4	69.7	48.4	3.5	14.2	5.4	55.6	27.7	39.6						
	H	BITUMINOUS PENETRATION	H1	NONRIGID BASE	62																					
			H2	RIGID BASE	62	42.3					0.7		8.8	1.1	2.9	4.4	0.2	18.7	4.2	1.3						
HIGH TYPE SURFACES	I	BITUMINOUS CONCRETE I1	63	4435.5	146.0	172.9	432.8	795.7	406.1	580.1	216.4	283.0	185.2	532.5	51.3	304.6	186.5	142.4								
	SAND ASPHALT —HOT PREMIXED	I2	ON P. C. CONCRETE	61	402.7	79.0	53.6	0.9	47.0	20.6	8.4	21.8	66.9	20.6	11.1	4.4	9.3	27.3	31.8							
		I3	ON BITUMINOUS CONCRETE	61	321.0	26.8	95.1	60.1	11.7	6.1	18.3	33.5	7.9	16.5	19.8	0.3	16.5	2.1	6.3							
		I4	ON OTHER TYPES THAN I2 AND I3	61	5459.0	652.0	1366.2	1020.3	443.0	265.3	736.1	24.7	694.7	94.2	98.5	0.2	25.9	31.9	6.0							
	J	PORTLAND CEMENT CONCRETE	70	2037.2	211.1	207.7	73.4	133.1	219.7	112.5	201.2	181.6	187.1	181.0	63.9	44.1	146.8	74.0								
	K	BRICK	80	26.3	9.8	13.8	0.5				0.4		1.8													
	L	BLOCK	90	0.1										0.1												
	M	DUAL TYPE	64-9 74-9	119.7	16.6	0.2	0.3	9.5	6.7	20.7	11.1	0.6	15.8	22.6	1.5	8.7	4.8	0.6								
	N	COMBINATION TYPE	64-9 74-9	263.8	24.5	50.6		0.7	11.5	6.6	3.5	29.4	26.3	2.0	13.5	61.0	29.4	4.8								
	TOTAL HARD SURFACED				33218.2	2566.7	2364.7	2279.4	3103.2	2516.1	2929.9	2114.3	3240.7	2285.6	2604.7	1634.4	2206.0	1938.7	1433.8							
TOTAL MILEAGE				68189.6	4468.7	4496.9	4532.0	5399.5	5104.8	5215.3	4654.2	5869.1	4554.1	4620.2	5408.3	4824.7	4725.8	4316.0								

Note: This table is in balance
to the nearest tenth
of a mile

COUNTY _____ STATE TOTAL _____
DIVISION No. 1 through 14 _____

COMPLETED AS OF JAN. 1 1954

TYPE OF ROAD			MILEAGE TOTAL	Division #1	Division #2	Division #3	Division #4	Division #5	Division #6	Division #7	Division #8	Division #9	Division #10	Division #11	Division #12	Division #13	Division #14						
NON SURF'D	A	PRIMITIVE	00																				
	B	UNIMPROVED	10	3.7										3.7									
	C	GRADED AND DRAINED	20	22.9													14.2	8.7					
LOW TYPE SURFACES	D	SOIL SURFACED —UNTREATED	30	34.7					0.1			19.5	15.1										
	E	GRAVEL OR STONE —UNTREATED	41-43	143.1	0.1								0.1	8.0			87.8	47.1					
	TOTAL NON HARD SURFACED			204.4	0.1				0.1			19.5	15.2	11.7			102.0	55.8					
	F	BITUMINOUS SURFACE TREATED	F1	TOPSOIL OR SAND-CLAY	51	2572.2	199.2	37.7	105.2	421.4	303.8	170.8	236.4	262.4	204.3	167.9	142.3	251.6	53.5	15.7			
			F2	GRAVEL OR STONE	52-53	1982.3	102.6	16.7		61.3	64.7	63.7	99.1	77.6	113.0	100.2	485.0	21.7	353.8	422.9			
			F3	WATERBOUND MACADAM	54	24.5											10.3	1.8	7.9	4.5			
	G	MIXED BITUMINOUS	G1	NONRIGID BASE	61	78.8	5.7		29.0			44.1											
HIGH TYPE SURFACES	G	MIXED BITUMINOUS	G2	RIGID BASE	61	623.7	59.0	15.2	161.4	30.9	27.8	92.6	65.1	47.9	0.7	7.4	4.0	50.5	25.7	35.5			
	H	BITUMINOUS PENETRATION	H1	NONRIGID BASE	62																		
			H2	RIGID BASE	62	19.0						3.7			2.1		10.4	2.8					
	I	BITUMINOUS CONCRETE	I1		63	1641.9	68.8	75.6	147.3	237.7	122.9	280.9	105.6	57.5	75.1	118.5	40.6	187.2	116.3	87.9			
			SAND ASPHALT —HOT PREMIXED	I2	ON P. C. CONCRETE	61	331.9	65.4	46.3		41.3	19.3	5.2	16.8	58.4	16.4	7.0		7.7	19.8	28.3		
				I3	ON BITUMINOUS CONCRETE	61	225.6	23.9	87.2	53.9	3.9	3.9	15.2	21.8	6.0	7.0	1.7			0.3	0.8		
				I4	ON OTHER TYPES THAN I2 AND I3	61	1252.4	164.3	294.1	226.8	35.4	43.8	263.0	1.9	133.8	29.0	43.1			2.4	12.2	2.6	
	J	PORTLAND CEMENT CONCRETE	70	1491.4	173.4	175.9	62.1	117.5	173.4	92.9	126.1	121.1	134.4	136.6	43.5	27.2	57.1	50.2					
	K	BRICK	80																				
	L	BLOCK	90																				
M	DUAL TYPE	64-9 74-9	94.1	16.4		0.3	8.4	5.8	20.7	6.6	0.3	11.9	16.4			6.1	1.2						
N	COMBINATION TYPE	64-9 74-9	228.2	23.7	49.6		0.1	0.8	5.1	3.5	26.7	25.4		13.1	54.1	21.6	4.5						
TOTAL HARD SURFACED			10566.0	902.4	798.3	786.0	957.9	766.2	974.2	686.6	791.7	617.2	600.9	738.8	620.7	672.2	652.9						
TOTAL MILEAGE			10770.4	902.5	798.3	786.0	957.9	766.2	974.3	686.6	791.7	636.7	616.1	750.5	620.7	774.2	708.7						

NORTH CAROLINA STATE HIGHWAY AND PUBLIC WORKS COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE AND WIDTH OF ROAD

COUNTY _____ STATE TOTALS _____
DIVISION No. 1 through 14

MUNICIPAL STATE HIGHWAY SYSTEM

COMPLETED AS OF JAN. 1 1954

TYPE OF ROAD				MILEAGE TOTAL	Division #1	Division #2	Division #3	Division #4	Division #5	Division #6	Division #7	Division #8	Division #9	Division #10	Division #11	Division #12	Division #13	Division #14									
NON SURF'D	A	PRIMITIVE	00																								
	B	UNIMPROVED	10	1.54											1.54												
	C	GRADED AND DRAINED	20	0.08								0.08															
	D	SOIL SURFACED	—UNTREATED	30	0.70						0.20			0.50													
LOW TYPE SURFACES	E	GRAVEL OR STONE	—UNTREATED	41-43	1.53									0.18		-	1.35										
	TOTAL NON HARD SURFACED				3.85						0.20	0.08		0.50	0.18	1.54		1.35									
	F	BITUMINOUS SURFACE TREATED	F1	TOPSOIL OR SAND-CLAY	51	119.92	18.91	2.67	7.37	14.38	11.03	12.96	3.04	27.10	3.29	6.56	4.71	7.34	0.56								
			F2	GRAVEL OR STONE	52-53	88.34	4.35	0.46	0.21	0.45	3.55	0.44	3.78	3.39	3.74	2.74	31.22	5.86	12.24	15.91							
			F3	WATERBOUND MACADAM	54	2.12											1.45		0.67								
	G	MIXED BITUMINOUS	G1	NONRIGID BASE	61	1.08			1.08																		
			G2	RIGID BASE	61	39.04	4.35	1.03	8.33	4.35	0.92	4.00	2.70	0.46	0.50	2.42	0.92	3.68	1.71	3.67							
	H	BITUMINOUS PENETRATION	H1	NONRIGID BASE	62																						
			H2	RIGID BASE	62	5.63										1.09		3.09	1.45								
	HIGH TYPE SURFACES	I	BITUMINOUS CONCRETE	I1		63	367.38	14.94	8.79	17.66	34.96	39.33	30.74	40.54	21.11	32.10	35.42	8.59	42.97	22.13	18.10						
SAND ASPHALT —HOT PREMIXED				I2	ON P. C. CONCRETE	61	41.98	3.92	5.54		5.70	1.31	2.90	4.44	7.81	3.59	0.47		1.59	2.74	1.97						
				I3	ON BITUMINOUS CONCRETE	61	68.53	0.98	6.97	4.11	4.88	1.82	3.07	9.95	0.20	8.02	6.82	0.35	15.16	0.69	5.51						
				I4	ON OTHER TYPES THAN I2 AND I3	61	106.67	9.32	19.49	16.03	3.41	3.15	22.61	0.47	21.39	1.48	1.87		3.43	3.14	0.88						
J		PORTLAND CEMENT CONCRETE	70	233.10	16.50	21.54	9.81	13.04	28.90	15.81	18.22	14.29	14.31	22.45	14.91	14.37	24.46	4.49									
K		BRICK	80	1.98								0.22		1.76													
L		BLOCK	90	0.11											0.11												
M		DUAL TYPE	64-9 74-9	24.43	0.23	0.19		1.07	0.87		3.64	0.33	3.83	6.21	1.46	2.52	3.55	0.53									
N		COMBINATION TYPE	64-9 74-9	21.78	0.75	0.97		0.62	0.14	0.94		2.66	0.11	0.77	0.39	6.65	7.77	0.01									
TOTAL HARD SURFACED					1122.09	74.25	67.65	64.60	82.86	91.02	93.47	87.00	98.74	72.73	86.93	64.00	106.66	81.11	51.07								
TOTAL MILEAGE					1125.94	74.25	67.65	64.60	82.86	91.02	93.67	87.08	98.74	73.23	87.11	65.54	106.66	82.46	51.07								

NORTH CAROLINA STATE HIGHWAY AND PUBLIC WORKS COMMISSION

EXISTING MILEAGE CLASSIFIED BY TYPE AND WIDTH OF ROAD

RURAL COUNTY ROAD

SYSTEM

COMPLETED AS OF

JAN. 1

195

COUNTY_

STATE TOTALS

DIVISION No. _____

1 through 14

TYPE OF ROAD			MILEAGE TOTAL																				
				Division #1	Division #2	Division #3	Division #4	Division #5	Division #6	Division #7	Division #8	Division #9	Division #10	Division #11	Division #12	Division #13	Division #14						
NON SURFD	A	PRIMITIVE	00	458.7	39.5	10.2	44.9	17.7	11.5	60.0	2.8	35.9	13.6	75.7	98.2	0.3	13.0	35.4					
	B	UNIMPROVED	10	2666.2	130.5	151.1	167.2	140.6	73.8	175.5	132.4	174.1	234.0	116.9	463.6	37.4	257.5	411.6					
	C	GRADED AND DRAINED	20	9625.7	971.9	1413.6	828.1	869.9	807.5	886.0	835.6	806.6	375.5	335.9	682.4	164.5	366.8	281.4					
LOW TYPE SURFACES	D	SOIL SURFACED	—UNTREATED	30	8806.8	288.7	358.0	1156.8	918.6	744.2	1092.0	269.8	1045.1	750.7	317.3	223.8	1264.6	310.3	66.9				
	E	GRAVEL OR STONE	—UNTREATED	41-43	12861.0	449.8	173.3	29.7	328.3	931.6	43.6	1276.7	539.1	857.6	1136.3	2264.8	1129.9	1702.9	1997.4				
	TOTAL NON HARD SURFACED				34418.4	1880.4	2106.2	2226.7	2275.1	2568.6	2257.1	2517.3	2600.8	2231.4	1982.1	3732.8	2596.7	2650.5	2792.7				
	F	BITUMINOUS SURFACE TREATED	F1	TOPSOIL OR SAND-CLAY	51	8824.8	579.3	185.9	219.5	887.0	942.6	897.3	494.5	1204.0	1033.3	611.1	236.1	1020.9	360.1	153.2			
			F2	GRAVEL OR STONE	52-53	4672.0	196.7	99.5	34.7	200.6	178.9	15.4	637.4	257.9	322.5	768.0	544.0	296.3	643.5	476.6			
			F3	WATERBOUND MACADAM	54	44.5		0.6		6.2	3.2				10.3	14.9		0.4		8.9			
	G	MIXED BITUMINOUS	G1	NONRIGID BASE	61	406.2	175.5	25.9	105.3		0.6	97.3		1.6									
HIGH TYPE SURFACES	G	MIXED BITUMINOUS	G2	RIGID BASE	61	55.0	20.8	9.0	1.8	1.5	6.8	6.9	0.2		2.0	4.0		1.4	0.3	0.3			
	H	BITUMINOUS PENETRATION	H1	NONRIGID BASE	62																		
			H2	RIGID BASE	62	13.5					0.7		5.1	1.1	0.5	0.2		4.7		1.2			
	I	BITUMINOUS CONCRETE	I1		63	2262.0	58.5	83.2	259.2	511.5	232.2	335.9	39.0	198.5	55.1	356.4	1.7	64.9	38.7	27.2			
			SAND ASPHALT —HOT PREMIXED	I2	ON P. C. CONCRETE	61	23.0	9.0	0.8	0.3			0.5			1.7	4.4		4.8	1.5			
				I3	ON BITUMINOUS CONCRETE	61	9.2	1.1		0.5	1.5					5.0			1.1				
				I4	ON OTHER TYPES THAN I2 AND I3	61	3959.3	466.9	1026.5	750.3	390.6	211.3	430.6	18.5	527.9	60.9	48.2		12.5	15.0	0.1		
	J	PORTLAND CEMENT CONCRETE		70	248.7	17.8	8.5	0.5	0.8	13.4	1.4	48.1	43.0	31.7	17.2	0.9	1.7	54.5	9.2				
	K	BRICK		80	22.1	9.4	12.7																
	L	BLOCK		90																			
M	DUAL TYPE		64-9 74-9																				
N	COMBINATION TYPE		64-9 74-9	11.2					9.1	0.6				0.9		0.3		0.3					
TOTAL HARD SURFACED					20551.5	1535.0	1452.6	1372.1	1999.7	1598.8	1785.4	1243.3	2234.0	1516.3	1827.6	787.1	1403.1	1118.0	678.5				
TOTAL MILEAGE					54969.9	3415.4	3558.8	3598.8	4274.8	4167.4	4042.5	3760.6	4834.8	3747.7	3809.7	4519.9	3999.8	3768.5	3471.2				

COUNTY _____ STATE TOTALS _____
DIVISION No. 1 through 14 _____

DWEN G. DUNN CO., 7754

NORTH CAROLINA STATE HIGHWAY AND PUBLIC WORKS COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE AND WIDTH OF ROAD

RURAL STATE HIGHWAY SYSTEM

COMPLETED AS OF JAN. 1 19 54

COUNTY _____ DIVISION TOTALS _____
DIVISION No. 1 (one)

TYPE OF ROAD				MILEAGE TOTAL	MILEAGE BY COUNTIES																						
					BERTIE	CAMDEN	CHOWAN	CURRITUCK	DARE	GATES	HERTFORD	HYDE	MARTIN	NORTHAMPTON	PASQUOTANK	PERQUIMANS	TYRRELL	WASHINGTON									
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	0.1							0.1															
	TOTAL NON HARD SURFACED				0.1							0.1															
	F	BITUMINOUS SURFACE TREATED	F1	TOPSOIL OR SAND-CLAY	51	199.2	57.4	5.0		11.3		15.1	22.6	36.7	46.3			4.8									
			F2	GRAVEL OR STONE	52-53	102.6			4.3		36.4	6.6	2.2	0.1	9.8	6.4	6.9		22.0	7.9							
			F3	WATERBOUND MACADAM	54																						
	G	MIXED BITUMINOUS	G1	NONRIGID BASE	61 ^x	5.7			5.7																		
	G	MIXED BITUMINOUS	G2	RIGID BASE	61 ^x	59.0			2.6	29.6			5.7	15.2	0.8		5.1										
	H	BITUMINOUS PENETRATION	H1	NONRIGID BASE	62																						
			H2	RIGID BASE	62																						
HIGH TYPE SURFACES	I	BITUMINOUS CONCRETE I1		63	68.8	21.5					14.6		1.1	31.6													
	SAND ASPHALT —HOT PREMIXED	I2	ON P. C. CONCRETE	61	65.4		13.8	4.1	20.8			0.4		7.9	10.8	7.6											
		I3	ON BITUMINOUS CONCRETE	61	23.9	6.3							10.6		7.0												
		I4	ON OTHER TYPES THAN I2 AND I3	61	164.3		21.3	20.0	24.4	14.8	30.0		22.2			1.8	8.4	8.1	13.3								
	J	PORTLAND CEMENT CONCRETE		70	173.4	15.9	2.6	19.5	15.1	2.5	8.1	25.6	18.5	17.6	20.1	8.4	10.4		9.1								
	K	BRICK		80																							
	L	BLOCK		90																							
	M	DUAL TYPE		64-9 74-9	16.4									16.4													
	N	COMBINATION TYPE		64-9 74-9	23.7												0.4*	5.8*	17.5*								
	TOTAL HARD SURFACED				902.4	101.1	42.7	47.9	60.3	73.3	74.3	57.5	63.8	97.9	127.5	35.7	26.8	45.8	47.8								
TOTAL MILEAGE				902.5	101.1	42.7	47.9	60.3	73.3	74.3	57.5	63.9	97.9	127.5	35.7	26.8	45.8	47.8									

*P.C. Conc. *P.O. Conc. *P.C. Conc.

NORTH CAROLINA STATE HIGHWAY AND PUBLIC WORKS COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE AND WIDTH OF ROAD

RURAL STATE HIGHWAY

SYSTEM

COMPLETED AS OF

JAN. 1 19 54

COUNTY _____ DIVISION TOTALS
DIVISION No. 2 (two)

TYPE OF ROAD				MILEAGE TOTAL	MILEAGE BY COUNTIES															
					BEAUFORT	CARTERET	CRAVEN	GREENE	JONES	LENOIR	PAMLICO	PITT								
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																			
	F	BITUMINOUS SURFACE TREATED	F1 TOPSOIL OR SAND-CLAY	51	37.7			18.3				19.4								
			F2 GRAVEL OR STONE	52-53	16.7	14.7		1.3	0.7											
			F3 WATERBOUND MACADAM	54																
	G	MIXED BITUMINOUS	G1 NONRIGID BASE	61 ^x																
	G	MIXED BITUMINOUS	G2 RIGID BASE	61 ^x	15.2	4.0	6.2	5.0												
	H	BITUMINOUS PENETRATION	H1 NONRIGID BASE	62																
			H2 RIGID BASE	62																
HIGH TYPE SURFACES	I	BITUMINOUS CONCRETE	I1	63	75.6			4.6	15.4		8.7	11.8	35.1							
	SAND ASPHALT —HOT PREMIXED	I2 ON P. C. CONCRETE	61	46.3	4.4	6.0	8.0	0.1	0.5	0.4		26.9								
		I3 ON BITUMINOUS CONCRETE	61	87.2	8.5		24.6	17.1		37.0										
		I4 ON OTHER TYPES THAN I2 AND I3	61	294.1	30.8	64.0	34.9	9.3	28.4	43.1	26.7	56.9								
	J	PORTLAND CEMENT CONCRETE		70	175.9	73.9		25.9	7.3	32.3	1.0	13.7	21.8							
	K	BRICK		80																
	L	BLOCK		90																
	M	DUAL TYPE		64-9 74-9																
	N	COMBINATION TYPE		64-9 74-9	49.6	12.1*		20.7*				16.8*								
	TOTAL HARD SURFACED				798.3	148.4	76.2	125.0	68.2	61.2	90.2	52.2	176.9							
TOTAL MILEAGE				798.3	148.4	76.2	125.0	68.2	61.2	90.2	52.2	176.9								

NORTH CAROLINA STATE HIGHWAY AND PUBLIC WORKS COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE AND WIDTH OF ROAD

RURAL STATE HIGHWAY SYSTEM

COMPLETED AS OF JAN. 1 19 54

COUNTY _____ DIVISION TOTALS _____
DIVISION No. 3 (three)

TYPE OF ROAD				MILEAGE TOTAL	MILEAGE BY COUNTIES															
					BRUNSWICK	DUPLIN	NEW HANOVER	ONSLOW	PENDER	SAMPSON										
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																			
	F	BITUMINOUS SURFACE TREATED	F1 TOPSOIL OR SAND-CLAY	51	105.2		12.8	1.2		5.6	85.6									
			F2 GRAVEL OR STONE	52-53																
			F3 WATERBOUND MACADAM	54																
	G	MIXED BITUMINOUS	G1 NONRIGID BASE	61 ^x	29.0	12.2	10.8		3.7	2.3										
	G	MIXED BITUMINOUS	G2 RIGID BASE	61 ^x	161.4	52.9	23.9		13.4	71.2										
HIGH TYPE SURFACES	H	BITUMINOUS PENETRATION	H1 NONRIGID BASE	62																
			H2 RIGID BASE	62																
	I	BITUMINOUS CONCRETE I1	63	147.3	13.1	44.9	20.7	3.6	36.3	28.7										
	SAND ASPHALT —HOT PREMIXED	I2 ON P. C. CONCRETE	61																	
		I3 ON BITUMINOUS CONCRETE	61	53.9				53.9												
		I4 ON OTHER TYPES THAN I2 AND I3	61	226.8	50.7	34.7	19.2	57.9	56.0	8.3										
	J	PORTLAND CEMENT CONCRETE		70	62.1	6.5	16.1	4.9		0.4	34.2									
	K	BRICK		80																
	L	BLOCK		90																
	M	DUAL TYPE	64-9 74-9	0.3	0.3*															
	N	COMBINATION TYPE	64-9 74-9																	
	TOTAL HARD SURFACED				786.0	135.7	143.2	46.0	115.4	115.4	230.3									
	TOTAL MILEAGE				786.0	135.7	143.2	46.0	115.4	115.4	230.3									

NORTH CAROLINA STATE HIGHWAY AND PUBLIC WORKS COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE AND WIDTH OF ROAD

RURAL STATE HIGHWAY

SYSTEM

COMPLETED AS OF JAN. 1, 1954

COUNTY _____ DIVISION TOTALS _____
DIVISION No. 4 (four)

TYPE OF ROAD				MILEAGE TOTAL	MILEAGE BY COUNTIES															
					EDGEcombe	HALIFAX	JOHNSTON	FASH	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																			
	F	BITUMINOUS SURFACE TREATED	F1	TOPSOIL OR SAND-CLAY	51	421.4	42.9	85.3	121.5	113.0	32.6	26.1								
			F2	GRAVEL OR STONE	52-53	61.3	1.0	0.3	24.4	1.9	22.8	10.9								
			F3	WATERBOUND MACADAM	54															
	G	MIXED BITUMINOUS	G1	NONRIGID BASE	61 ^x															
			G2	RIGID BASE	61 ^x	30.9	29.4		1.5											
H	BITUMINOUS PENETRATION	H1	NONRIGID BASE	62																
		H2	RIGID BASE	62																
HIGH TYPE SURFACES	I	BITUMINOUS CONCRETE I1		63	237.7	6.8	69.2	69.9	15.9	43.6	32.3									
	SAND ASPHALT —HOT PREMIXED	I2	ON P. C. CONCRETE	61	41.3		3.2	9.4	8.2		20.5									
		I3	ON BITUMINOUS CONCRETE	61	3.9						3.9									
		I4	ON OTHER TYPES THAN I2 AND I3	61	35.4	1.9	5.3		2.4	16.3	9.5									
		J	PORTLAND CEMENT CONCRETE		70	117.5	43.5	14.6	2.0	22.2	26.6	8.6								
	K	BRICK		80																
	L	BLOCK		90																
	M	DUAL TYPE		64-9 74-9	8.4	8.4*														
				64-9 74-9	0.1	0.1 ^o														
	N	COMBINATION TYPE																		
	TOTAL HARD SURFACED					957.9	134.0	177.9	227.2	165.1	141.9	111.8								
TOTAL MILEAGE					957.9	134.0	177.9	227.2	165.1	141.9	111.8									

NORTH CAROLINA STATE HIGHWAY AND PUBLIC WORKS COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE AND WIDTH OF ROAD

RURAL STATE HIGHWAY SYSTEM

COMPLETED AS OF JAN. 1 19 54

COUNTY _____ DIVISION TOTALS _____
DIVISION No. 5 (five)

TYPE OF ROAD				MILEAGE TOTAL	MILEAGE BY COUNTIES															
					DURHAM	FRANKLIN	GRANVILLE	PERSON	VANCE	WAKE	WARREN									
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																			
	F	BITUMINOUS SURFACE TREATED	F1 TOPSOIL OR SAND-CLAY	51	303.8	10.0	95.4	50.1	46.2	21.7	47.6	32.8								
			F2 GRAVEL OR STONE	52-53	64.7		11.1	11.5	11.4		30.7									
			F3 WATERBOUND MACADAM	54																
	G	MIXED BITUMINOUS	G1 NONRIGID BASE	61 ^x																
HIGH TYPE SURFACES	G	MIXED BITUMINOUS	G2 RIGID BASE	61 ^x	27.8	9.9		7.9	10.0											
	H	BITUMINOUS PENETRATION	H1 NONRIGID BASE	62																
			H2 RIGID BASE	62																
	I	BITUMINOUS CONCRETE I1 SAND ASPHALT —HOT PREMIXED	I1	63	122.9	12.4	16.6	14.1		10.3	62.0	7.5								
			I2 ON P. C. CONCRETE	61	19.3	8.2		3.2		7.9										
			I3 ON BITUMINOUS CONCRETE	61	3.9						3.9									
			I4 ON OTHER TYPES THAN I2 AND I3	61	43.8		4.1			8.7	31.0									
	J	PORTLAND CEMENT CONCRETE	70	173.4	41.7	19.4	11.6	24.1	1.3	49.4	25.9									
	K	BRICK	80																	
	L	BLOCK	90																	
	M	DUAL TYPE	64-9 74-9	5.8		2.0*				3.8 ^o										
	N	COMBINATION TYPE	64-9 74-9	0.8						0.8*										
TOTAL HARD SURFACED				766.2	82.2	148.6	98.4	91.7	49.9	229.2	66.2									
TOTAL MILEAGE				766.2	82.2	148.6	98.4	91.7	49.9	229.2	66.2									

*Bst

^oAsph.
*0.6Asph.
0.2Conc.

NORTH CAROLINA STATE HIGHWAY AND PUBLIC WORKS COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE AND WIDTH OF ROAD

RURAL STATE HIGHWAY SYSTEM

COMPLETED AS OF JAN. 1 19 54

COUNTY DIVISION TOTALS
DIVISION No. 6 (six)

TYPE OF ROAD				MILEAGE TOTAL	MILEAGE BY COUNTIES															
					BLADEN	COLUMBUS	CUMBERLAND	HARNETT	ROBESON											
NON SURF'D	A	PRIMITIVE		00																
	B	UNIMPROVED		10																
	C	GRADED AND DRAINED		20																
LOW TYPE SURFACES	D	SOIL SURFACED —UNTREATED		30	0.1		0.1													
	E	GRAVEL OR STONE —UNTREATED		41-43																
	TOTAL NON HARD SURFACED				0.1		0.1													
	F	BITUMINOUS SURFACE TREATED	F1 TOPSOIL OR SAND-CLAY	51	170.8	30.1	11.6	6.9	36.0	86.2										
			F2 GRAVEL OR STONE	52-53	63.7	3.9		8.2	44.2	7.4										
			F3 WATERBOUND MACADAM	54																
	G	MIXED BITUMINOUS	G1 NONRIGID BASE	61 ^x	44.1	29.6		14.5												
HIGH TYPE SURFACES	G	MIXED BITUMINOUS	G2 RIGID BASE	61 ^x	92.6	67.7		2.6	22.3											
	H	BITUMINOUS PENETRATION	H1 NONRIGID BASE	62																
			H2 RIGID BASE	62																
	I	BITUMINOUS CONCRETE	I1	63	200.9	29.2	45.0	69.0	24.6	33.1										
	SAND ASPHALT —HOT PREMIXED	I2 ON P. C. CONCRETE	61	5.2					5.2											
		I3 ON BITUMINOUS CONCRETE	61	15.2			0.9		14.3											
		I4 ON OTHER TYPES THAN I2 AND I3	61	263.0	81.0	75.6	29.1	8.9	68.4											
	J	PORTLAND CEMENT CONCRETE		70	92.9	13.4	28.9	22.1	3.9	24.6										
	K	BRICK		80																
	L	BLOCK		90																
	M	DUAL TYPE	64-9 74-9	20.7			0.3*	20.4*												
	N	COMBINATION TYPE	64-9 74-9	5.1					5.1 ^o											
TOTAL HARD SURFACED					974.2	254.9	161.1	153.6	138.0	266.6										
TOTAL MILEAGE					974.3	254.9	161.2	153.6	138.0	266.6										

NORTH CAROLINA STATE HIGHWAY AND PUBLIC WORKS COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE AND WIDTH OF ROAD

RURAL STATE HIGHWAY SYSTEM

COMPLETED AS OF JAN. 1 19 54

COUNTY DIVISION TOTALS
DIVISION No. 7 (seven)

TYPE OF ROAD				MILEAGE TOTAL	MILEAGE BY COUNTIES																
					ALAMANCE	CASWELL	GUILFORD	ORANGE	ROCKINGHAM												
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																				
	F	BITUMINOUS SURFACE TREATED	F1 TOPSOIL OR SAND-CLAY	51	236.4	55.7	35.2	41.9	51.1	52.5											
			F2 GRAVEL OR STONE	52-53	99.1	13.7	0.3	16.8	8.8	59.5											
			F3 WATERBOUND MACADAM	54																	
	G	MIXED BITUMINOUS	G1 NONRIGID BASE	61 ^x																	
HIGH TYPE SURFACES	G	MIXED BITUMINOUS	G2 RIGID BASE	61 ^x	65.1		44.5	9.0	0.6	11.0											
	H	BITUMINOUS PENETRATION	H1 NONRIGID BASE	62																	
			H2 RIGID BASE	62	3.7	0.4		3.3													
	I	BITUMINOUS CONCRETE I1		63	105.6	12.0		51.0	13.8	28.8											
	SAND ASPHALT —HOT PREMIXED	I2 ON P. C. CONCRETE	61	16.8	11.6		5.2														
		I3 ON BITUMINOUS CONCRETE	61	21.8			21.8														
		I4 ON OTHER TYPES THAN I2 AND I3	61	1.9				1.9													
		J	PORTLAND CEMENT CONCRETE		70	126.1	27.6	15.6	41.8	18.3	22.8										
	K	BRICK		80																	
	L	BLOCK		90																	
	M	DUAL TYPE		64-9 74-9	6.6			6.6 ^o													
	N	COMBINATION TYPE		64-9 74-9	3.5		3.5*														
	TOTAL HARD SURFACED				686.6	121.0	99.1	197.4	92.6	176.5											
TOTAL MILEAGE				686.6	121.0	99.1	197.4	92.6	176.5												

* Conc. ^o Asph.

NORTH CAROLINA STATE HIGHWAY AND PUBLIC WORKS COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE AND WIDTH OF ROAD

RURAL STATE HIGHWAY

SYSTEM

COMPLETED AS OF JAN. 1 19 54

COUNTY _____ DIVISION TOTALS _____
DIVISION No. 8 (eight)

TYPE OF ROAD				MILEAGE TOTAL	MILEAGE BY COUNTIES															
					CHATHAM	HOKE	LEE	MONTGOMERY	MOORE	RANDOLPH	RICHMOND	SCOTLAND								
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																			
	F	BITUMINOUS SURFACE TREATED	F1	TOPSOIL OR SAND-CLAY	51	262.4	36.9	7.1	8.3	28.9	75.2	73.4	26.0	6.6						
			F2	GRAVEL OR STONE	52-53	77.6	10.3		10.3	14.3	5.2	37.5								
			F3	WATERBOUND MACADAM	54															
	G	MIXED BITUMINOUS	G1	NONRIGID BASE	61 ^x															
	HIGH TYPE SURFACES	G	MIXED BITUMINOUS	G2	RIGID BASE	61 ^x	47.9		11.3		1.5		4.3	3.6	27.2					
H		BITUMINOUS PENETRATION	H1	NONRIGID BASE	62															
			H2	RIGID BASE	62															
I		BITUMINOUS CONCRETE	I1		63	57.5	6.4	2.8	6.8	27.1		1.6	12.8							
			SAND ASPHALT —HOT PREMIXED	I2	ON P. C. CONCRETE	61	58.4		5.5			9.0	24.3	4.2	15.4					
				I3	ON BITUMINOUS CONCRETE	61	6.0					4.2	1.8							
				I4	ON OTHER TYPES THAN I2 AND I3	61	133.8		23.3			35.8	7.2	52.0	15.5					
J		PORTLAND CEMENT CONCRETE		70	121.1	37.5	0.8	15.5	27.1	22.0	15.2	3.0								
K	BRICK		80																	
L	BLOCK		90																	
M	DUAL TYPE	64-9 74-9		0.3						0.3*										
N	COMBINATION TYPE	64-9 74-9		26.7	19.7*		5.9*		1.1*											
TOTAL HARD SURFACED					791.7	110.8	50.8	46.8	98.9	148.3	168.0	103.4	64.7							
TOTAL MILEAGE					791.7	110.8	50.8	46.8	98.9	148.3	168.0	103.4	64.7							

NORTH CAROLINA STATE HIGHWAY AND PUBLIC WORKS COMMISSION

EXISTING MILEAGE CLASSIFIED BY TYPE AND WIDTH OF ROAD

RURAL STATE HIGHWAY

SYSTEM

COMPLETED AS OF

JAN. 1 19 54

COUNTY _____ DIVISION TOTALS

DIVISION No. 9 (nine)

TYPE OF ROAD			MILEAGE TOTAL	MILEAGE BY COUNTIES																
				DAVIDSON	DAVIE	FORSYTH	ROWAN	STOKES												
NON SURF'D	A	PRIMITIVE	00																	
	B	UNIMPROVED	10																	
	C	GRADED AND DRAINED	20																	
LOW TYPE SURFACES	D	SOIL SURFACED —UNTREATED	30	19.5		5.4	1.4		12.7											
	E	GRAVEL OR STONE —UNTREATED	41-43																	
	TOTAL NON HARD SURFACED			19.5		5.4	1.4		12.7											
	F	BITUMINOUS SURFACE TREATED	F1 TOPSOIL OR SAND-CLAY	51	204.3	64.8	26.1	28.7	24.2	60.5										
			F2 GRAVEL OR STONE	52-53	113.0	24.7	24.2	15.7	6.0	42.4										
			F3 WATERBOUND MACADAM	54																
	G	MIXED BITUMINOUS	G1 NONRIGID BASE	x 61																
	G	MIXED BITUMINOUS	G2 RIGID BASE	x 61	0.7				0.7											
	H	BITUMINOUS PENETRATION	H1 NONRIGID BASE	62																
			H2 RIGID BASE	62																
HIGH TYPE SURFACES	I	BITUMINOUS CONCRETE I1	63	75.1	8.5		40.7	15.8	10.1											
	SAND ASPHALT —HOT PREMIXED	I2 ON P. C. CONCRETE	61	16.4	3.1	8.0		5.3												
		I3 ON BITUMINOUS CONCRETE	61	7.0				7.0												
		I4 ON OTHER TYPES THAN I2 AND I3	61	29.0	20.2			8.8												
		J	PORTLAND CEMENT CONCRETE	70	134.4	24.8	0.1	53.9	37.4	18.2										
	K	BRICK	80																	
	L	BLOCK	90																	
	M	DUAL TYPE	64-9 74-9	11.9	11.7°			0.2°												
	N	COMBINATION TYPE	64-9 74-9	25.4		19.1*	5.0	1.3*												
	TOTAL HARD SURFACED			617.2	157.8	77.5	144.0	106.7	131.2											
TOTAL MILEAGE			636.7	157.8	82.9	145.4	106.7	143.9												

NORTH CAROLINA STATE HIGHWAY AND PUBLIC WORKS COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE AND WIDTH OF ROAD

RURAL STATE HIGHWAY

SYSTEM

COMPLETED AS OF

JAN.1

19 54

COUNTY

DIVISION TOTALS

DIVISION No.

10 (ten)

TYPE OF ROAD				MILEAGE TOTAL	MILEAGE BY COUNTIES																
					ANSON	CABARRUS	MECKLENBURG	STANLY	UNION												
NON SURF'D	A	PRIMITIVE		00																	
	B	UNIMPROVED		10																	
	C	GRADED AND DRAINED		20																	
LOW TYPE SURFACES	D	SOIL SURFACED —UNTREATED		30	15.1	9.8		2.6	2.7												
	E	GRAVEL OR STONE —UNTREATED		41-43	0.1		0.1														
	TOTAL NON HARD SURFACED				15.2	9.8	0.1	2.6	2.7												
	F	BITUMINOUS SURFACE TREATED	F1	TOPSOIL OR SAND-CLAY	51	167.9	49.0	6.6	22.1	17.6	72.6										
			F2	GRAVEL OR STONE	52-53	100.2	15.8	18.7	9.6	17.9	38.2										
			F3	WATERBOUND MACADAM	54																
	G	MIXED BITUMINOUS	G1	NONRIGID BASE	61 ^x																
	H	BITUMINOUS PENETRATION	H1	NONRIGID BASE	62																
			H2	RIGID BASE	62	2.1			2.1												
	HIGH TYPE SURFACES	I	BITUMINOUS CONCRETE I1		63	118.5	3.9	9.6	64.6	24.0	16.4										
SAND ASPHALT —HOT PREMIXED			I2	ON P. C. CONCRETE	61	7.0		4.5	1.8	0.7											
			I3	ON BITUMINOUS CONCRETE	61	1.7	0.4	0.8	0.5												
			I4	ON OTHER TYPES THAN I2 AND I3	61	43.1		23.7	3.3		16.1										
J		PORTLAND CEMENT CONCRETE		70	136.6	31.6	23.8	31.6	32.8	16.8											
K		BRICK		80																	
L		BLOCK		90																	
M		DUAL TYPE		64-9 74-9	16.4		8.7°	7.7°													
N		COMBINATION TYPE		64-9 74-9																	
TOTAL HARD SURFACED				600.9	104.9	96.4	146.5	92.3	160.8												
TOTAL MILEAGE				616.1	114.7	96.5	146.5	94.9	163.5												

NORTH CAROLINA STATE HIGHWAY AND PUBLIC WORKS COMMISSION

EXISTING MILEAGE CLASSIFIED BY TYPE AND WIDTH OF ROAD

RURAL STATE HIGHWAY SYSTEM

COMPLETED AS OF JAN. 1 19 54

COUNTY _____ DIVISION TOTALS _____
DIVISION No. 11 (eleven)

TYPE OF ROAD				MILEAGE TOTAL	MILEAGE BY COUNTIES																
					ALLEGHANY	ASHE	AVERY	CALDWELL	SURRY	WATAUGA	WILKES	YADKIN									
NON SURFD	A	PRIMITIVE		00																	
	B	UNIMPROVED		10	3.7			3.7													
	C	GRADED AND DRAINED		20																	
LOW TYPE SURFACES	D	SOIL SURFACED —UNTREATED		30																	
	E	GRAVEL OR STONE —UNTREATED		41-43	8.0	1.6		3.1	3.2		0.1										
	TOTAL NON HARD SURFACED				11.7	1.6		3.1	6.9		0.1										
	F	BITUMINOUS SURFACE TREATED	F1	TOPSOIL OR SAND-CLAY	51	142.3			27.9	65.7		30.1	18.6								
			F2	GRAVEL OR STONE	52-53	485.0	62.7	97.2	54.8	59.1	37.3	66.3	93.2	14.4							
			F3	WATERBOUND MACADAM	54	10.3	4.7		5.6												
	G	MIXED BITUMINOUS	G1	NONRIGID BASE	61 ^x																
	G	MIXED BITUMINOUS	G2	RIGID BASE	61 ^x	4.0			4.0												
	H	BITUMINOUS PENETRATION	H1	NONRIGID BASE	62																
			H2	RIGID BASE	62																
HIGH TYPE SURFACES	I	BITUMINOUS CONCRETE I1		63	40.6		5.8	0.3	0.2			14.2	20.1								
		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	43.5			0.1	11.5	2.1	6.3	2.7	20.8								
	K	BRICK		80																	
	L	BLOCK		90																	
	M	DUAL TYPE		64-9 74-9																	
	N	COMBINATION TYPE		64-9 74-9	13.1			3.3*		9.8*											
	TOTAL HARD SURFACED					738.8	67.4	103.0	68.1	98.7	114.9	72.6	140.2	73.9							
TOTAL MILEAGE					750.5	69.0	103.0	71.2	105.6	114.9	72.7	140.2	73.9								

NORTH CAROLINA STATE HIGHWAY AND PUBLIC WORKS COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE AND WIDTH OF ROAD

SYSTEM

COMPLETED AS OF JAN. 1 19 54

COUNTY DIVISION TOTALS

DIVISION No. 12 (twelve)

[illegible]

OWEN G. DUNN CO., 7750

*5.2Asph *P.C.Conc. *6.6BitPen.*9.0BitPen *P.C.Conc.
4.SP.C.Conc. *0.1Asph. *11.3Asph.
*P.C.Conc. *14.5P.C.Conc.

NORTH CAROLINA STATE HIGHWAY AND PUBLIC WORKS COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE AND WIDTH OF ROAD

RURAL STATE HIGHWAY SYSTEM

COMPLETED AS OF JAN. 1 19 54

COUNTY DIVISION TOTALS
DIVISION No. 13 (thirteen)

TYPE OF ROAD				MILEAGE TOTAL	MILEAGE BY COUNTIES																					
					BUNCOMBE	BURKE	McDOWELL	MADISON	MITCHELL	RUTHERFORD	YANCEY															
NON SURF'D	A	PRIMITIVE		00																						
	B	UNIMPROVED		10																						
	C	GRADED AND DRAINED		20	14.2		14.2																			
LOW TYPE SURFACES	D	SOIL SURFACED —UNTREATED		30																						
	E	GRAVEL OR STONE —UNTREATED		41-43	87.8	17.8	17.0	0.1	34.0	3.5	7.2	8.2														
	TOTAL NON HARD SURFACED				102.0	17.8	31.2	0.1	34.0	3.5	7.2	8.2														
	F	BITUMINOUS SURFACE TREATED	F1	TOPSOIL OR SAND-CLAY	51	53.5		4.0	9.8			30.2	9.5													
			F2	GRAVEL OR STONE	52-53	353.8	41.0	67.5	71.8	62.7	33.6	23.1	54.1													
			F3	WATERBOUND MACADAM	54	7.9				3.1	4.8															
	G	MIXED BITUMINOUS	G1	NONRIGID BASE	61 ^x																					
	HIGH TYPE SURFACES	G	MIXED BITUMINOUS	G2	RIGID BASE	61 ^x	25.7	9.1		0.9		3.4	5.9	6.4												
		H	BITUMINOUS PENETRATION	H1	NONRIGID BASE	62																				
				H2	RIGID BASE	62	2.8					2.0	0.8													
I		BITUMINOUS CONCRETE I1		63	116.3	47.4	20.2	19.9	6.9		12.5	9.4														
HIGH TYPE SURFACES		SAND ASPHALT —HOT PREMIXED	I2	ON P. C. CONCRETE	61	19.8	19.8																			
			I3	ON BITUMINOUS CONCRETE	61	0.3	0.3																			
			I4	ON OTHER TYPES THAN I2 AND I3	61	12.2	2.4		9.8																	
			J	PORTLAND CEMENT CONCRETE	70	57.1	34.3	4.1	7.0		8.5	3.2														
	K	BRICK	80																							
	L	BLOCK	90																							
	M	DUAL TYPE	64-9 74-9	1.2	0.8*	0.3*				0.1*																
	N	COMBINATION TYPE	64-9 74-9	21.6		0.1 ^o			4.4*	17.1 ^o																
	TOTAL HARD SURFACED				672.2	155.1	96.2	109.4	82.5	56.7	92.9	79.4														
	TOTAL MILEAGE				774.2	172.9	127.4	109.5	116.5	60.2	100.1	87.6														

NORTH CAROLINA STATE HIGHWAY AND PUBLIC WORKS COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE AND WIDTH OF ROAD

RURAL STATE HIGHWAY

SYSTEM

COMPLETED AS OF JAN. 1 1954

COUNTY _____ DIVISION TOTALS _____
DIVISION No. 14 (fourteen)

TYPE OF ROAD				MILEAGE TOTAL	MILEAGE BY COUNTIES															
					CHEROKEE	CLAY	GRAHAM	HAYWOOD	HENDERSON	JACKSON	MACON	POLK	SWAIN	TRANSYLVANIA						
NON SURF'D	A	PRIMITIVE		00																
	B	UNIMPROVED		10																
	C	GRADED AND DRAINED		20	8.7					8.7										
LOW TYPE SURFACES	D	SOIL SURFACED —UNTREATED		30																
	E	GRAVEL OR STONE —UNTREATED		41-43	47.1		0.2	26.4		11.3				9.2						
	TOTAL NON HARD SURFACED				55.8			0.2	26.4		20.0			9.2						
	F	BITUMINOUS SURFACE TREATED	F1	TOPSOIL OR SAND-CLAY	51	15.7				5.1			10.6							
			F2	GRAVEL OR STONE	52-53	422.9	47.1	35.8	22.9	37.7	14.3	64.1	59.2	20.2	56.9	64.7				
			F3	WATERBOUND MACADAM	54	4.5								4.5						
	G	MIXED BITUMINOUS	G1	NONRIGID BASE	61 ^x															
	G	MIXED BITUMINOUS	G2	RIGID BASE	61 ^x	35.5		10.0	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	87.9	15.6		21.5	35.9	10.7	0.5		3.7							
		SAND ASPHALT —HOT PREMIXED	I2	ON P. C. CONCRETE	61	28.3			4.9	20.5	2.9									
			I3	ON BITUMINOUS CONCRETE	61	0.8			0.8											
			I4	ON OTHER TYPES THAN I2 AND I3	61	2.6							2.6							
	J	PORTLAND CEMENT CONCRETE		70	50.2			8.5	3.1	11.4	20.0	7.2								
	K	BRICK		80																
	L	BLOCK		90																
	M	DUAL TYPE		64-9 74-9																
	N	COMBINATION TYPE		64-9 74-9	4.5	4.5*														
TOTAL HARD SURFACED				652.9	67.2	35.8	32.9	76.1	78.9	97.9	88.1	40.6	65.1	70.3						
TOTAL MILEAGE				708.7	67.2	35.8	33.1	102.5	78.9	117.9	88.1	40.6	65.1	79.5						

NORTH CAROLINA STATE HIGHWAY AND PUBLIC WORKS COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE AND WIDTH OF ROAD

MUNICIPAL STATE HIGHWAY

SYSTEM

COMPLETED AS OF _____

JAN. 1 19 54

COUNTY_

DIVISION TOTAL

DIVISION No.

1 (one)

TYPE OF ROAD				MILEAGE TOTAL																					
					BERTIE	CAMDEN	CHOWAN	CURRITUCK	DARE	GATES	HERTFORD	HYDE	MARTIN	NORTHAMPTON	PASQUOTANK	PERQUIMANS	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																					
LOW TYPE SURFACES	TOTAL NON HARD SURFACED																								
	F	BITUMINOUS SURFACE TREATED	F1	TOPSOIL OR SAND-CLAY	51	18.91	3.28					1.94	0.46	3.28	9.76			0.19							
			F2	GRAVEL OR STONE	52-53	4.35	3.22			0.22	0.20		0.17	0.54											
			F3	WATERBOUND MACADAM	54																				
	G	MIXED BITUMINOUS	G1	NONRIGID BASE	61 ^x																				
	HIGH TYPE SURFACES	G	MIXED BITUMINOUS	G2	RIGID BASE	61 ^x	4.35							0.87	3.48										
		H	BITUMINOUS PENETRATION	H1	NONRIGID BASE	62																			
				H2	RIGID BASE	62																			
I		BITUMINOUS CONCRETE I1	63	14.94	2.98		1.10					1.24		2.41	5.39	1.82									
TOTAL	SAND ASPHALT —HOT PREMIXED	I2	ON P. C. CONCRETE	61	3.92		1.32						0.91	1.08		0.61									
		I3	ON BITUMINOUS CONCRETE	61	0.98	0.16		0.10						0.02		0.70									
		I4	ON OTHER TYPES THAN I2 AND I3	61	9.32	0.60	0.78		5.10	1.19		0.63	0.08		0.16	0.30			0.48						
		J	PORTLAND CEMENT CONCRETE	70	16.50	0.41	0.04	1.34				3.74		4.27	1.94	1.62	0.68	0.54	1.92						
	K	BRICK	80																						
	L	BLOCK	90																						
	M	DUAL TYPE	64-9 74-9	0.23							0.23														
	N	COMBINATION TYPE	64-9 74-9	0.75															0.75						
	TOTAL HARD SURFACED				74.25	10.65	2.14	2.54	0.00	5.10	1.41	7.35	1.09	12.01	22.19	4.30	1.59	0.73	3.15						
	TOTAL MILEAGE				74.25	10.65	2.14	2.54	0.00	5.10	1.41	7.35	1.09	12.01	22.19	4.30	1.59	0.73	3.15						

NORTH CAROLINA STATE HIGHWAY AND PUBLIC WORKS COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE AND WIDTH OF ROAD

SYSTEM

COMPLETED AS OF JAN. 1 1954

COUNTY _____ DIVISION TOTAL _____

DIVISION No. 2 (two)

[illegible]

NORTH CAROLINA STATE HIGHWAY AND PUBLIC WORKS COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE AND WIDTH OF ROAD

MUNICIPAL STATE HIGHWAY SYSTEM

COMPLETED AS OF JAN. 1 19 54

COUNTY DIVISION TOTAL
DIVISION No. 3 (three)

TYPE OF ROAD				MILEAGE TOTAL																
					BRUNSWICK	DUPLIN	NEWHANOVER	ON SLOW	PENDER	SAMPSON										
NON SURFD	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																			
	F	BITUMINOUS SURFACE TREATED	F1	TOPSOIL OR SAND-CLAY	51	7.37	0.51			0.90	5.96									
			F2	GRAVEL OR STONE	52-53	0.21		0.21												
			F3	WATERBOUND MACADAM	54															
	G	MIXED BITUMINOUS	G1	NONRIGID BASE	61 ^x	1.08	0.58			0.50										
	G	MIXED BITUMINOUS	G2	RIGID BASE	61 ^x	8.33	2.18	1.90		0.09	4.16									
	H	BITUMINOUS PENETRATION	H1	NONRIGID BASE	62															
			H2	RIGID BASE	62															
HIGH TYPE SURFACES	I	BITUMINOUS CONCRETE I1		63	17.66	4.77	7.61		2.63	2.65										
	SAND ASPHALT —HOT PREMIXED	I2	ON P. C. CONCRETE	61																
		I3	ON BITUMINOUS CONCRETE	61	4.11		0.52	3.12		0.47										
		I4	ON OTHER TYPES THAN I2 AND I3	61	16.03	3.24	3.72	4.05	2.59	1.33	1.10									
	J	PORTLAND CEMENT CONCRETE		70	9.81	5.26	1.34		3.21											
	K	BRICK		80																
	L	BLOCK		90																
	M	DUAL TYPE		64-9 74-9																
	N	COMBINATION TYPE		64-9 74-9																
TOTAL HARD SURFACED				64.60	6.00	16.16	13.73	5.71	4.95	18.05										
TOTAL MILEAGE				64.60	6.00	16.16	13.73	5.71	4.95	18.05										

NORTH CAROLINA STATE HIGHWAY AND PUBLIC WORKS COMMISSION

EXISTING MILEAGE CLASSIFIED BY TYPE AND WIDTH OF ROAD

MUNICIPAL STATE HIGHWAY

SYSTEM

COMPLETED AS OF

JAN. 1 19 54

COUNTY _____ DIVISION TOTAL _____
DIVISION No. 4 (four) _____

[illegible]

NORTH CAROLINA STATE HIGHWAY AND PUBLIC WORKS COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE AND WIDTH OF ROAD

MUNICIPAL STATE HIGHWAY

SYSTEM

COMPLETED AS OF

JAN. 1 19 54

COUNTY _____ DIVISION TOTAL _____

DIVISION No. 5 (five)

[illegible]

NORTH CAROLINA STATE HIGHWAY AND PUBLIC WORKS COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE AND WIDTH OF ROAD

MUNICIPAL STATE HIGHWAY SYSTEM

COMPLETED AS OF JAN. 1 19 54

COUNTY DIVISION TOTAL
DIVISION No. 6 (six)

TYPE OF ROAD				MILEAGE TOTAL																	
					BLADEN	COLUMBUS	CUMBERLAND	HARNETT	ROBESON												
NON SURF'D	A	PRIMITIVE		00																	
	B	UNIMPROVED		10																	
	C	GRADED AND DRAINED		20																	
LOW TYPE SURFACES	D	SOIL SURFACED —UNTREATED		30	0.20			0.20													
	E	GRAVEL OR STONE —UNTREATED		41-43																	
	TOTAL NON HARD SURFACED				0.20			0.20													
	F	BITUMINOUS SURFACE TREATED	F1	TOPSOIL OR SAND-CLAY	51	12.96	0.59	0.17	1.07	6.14	4.99										
			F2	GRAVEL OR STONE	52-53	0.44					0.44										
			F3	WATERBOUND MACADAM	54																
	G	MIXED BITUMINOUS	G1	NONRIGID BASE	61 ^x																
HIGH TYPE SURFACES	G	MIXED BITUMINOUS	G2	RIGID BASE	61 ^x	4.00	0.98		0.36	2.66											
	H	BITUMINOUS PENETRATION	H1	NONRIGID BASE	62																
			H2	RIGID BASE	62																
	I	BITUMINOUS CONCRETE	I1		63	30.74	2.23	15.02	7.84	2.49	3.16										
		SAND ASPHALT —HOT PREMIXED	I2	ON P. C. CONCRETE	61	2.90		1.19	1.71												
			I3	ON BITUMINOUS CONCRETE	61	3.07			2.78		0.29										
			I4	ON OTHER TYPES THAN I2 AND I3	61	22.61	3.58	4.80	6.26	1.73	6.24										
			J	PORTLAND CEMENT CONCRETE		70	15.81	1.58	3.49	4.86	1.95	3.93									
	K	BRICK		80																	
	L	BLOCK		90																	
	M	DUAL TYPE		64-9 74-9																	
	N	COMBINATION TYPE		64-9 74-9	0.94					0.94											
	TOTAL HARD SURFACED				93.47	8.96	24.67	24.88	12.31	22.65											
TOTAL MILEAGE				93.67	8.96	24.67	25.08	12.31	22.65												

NORTH CAROLINA STATE HIGHWAY AND PUBLIC WORKS COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE AND WIDTH OF ROAD

MUNICIPAL STATE HIGHWAY SYSTEM

COMPLETED AS OF JAN. 1 19 54

COUNTY _____ DIVISION TOTAL _____

DIVISION No. 7 (seven)

[illegible]

EXISTING MILEAGE CLASSIFIED BY TYPE AND WIDTH OF ROAD

SYSTEM

COMPLETED AS OF

JAN. 1 1954

DIVISION TOTAL

8 (eight)

[illegible]

NORTH CAROLINA STATE HIGHWAY AND PUBLIC WORKS COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE AND WIDTH OF ROAD

MUNICIPAL STATE HIGHWAY SYSTEM

COMPLETED AS OF JAN. 1 19⁵⁴

COUNTY _____ DIVISION TOTAL _____
DIVISION No. 9 (nine)

[illegible]

NORTH CAROLINA STATE HIGHWAY AND PUBLIC WORKS COMMISSION
EXISTING MILEAGE CLASSIFIED BY TYPE AND WIDTH OF ROAD

MUNICIPAL STATE HIGHWAY

SYSTEM

COMPLETED AS OF JAN. 1 19 54

COUNTY _____ DIVISION TOTAL
DIVISION No. 10 (ten)

TYPE OF ROAD			MILEAGE TOTAL	ANSON	CABARRUS	MECKLENBURG	STANLY	UNION												
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	0.18	0.18															
	TOTAL NON HARD SURFACED			0.18	0.18															
	F	BITUMINOUS SURFACE TREATED	F1 TOPSOIL OR SAND-CLAY	51	6.56	0.68	0.39	0.53	1.86	3.10										
			F2 GRAVEL OR STONE	52-53	2.74	1.89	0.32	0.53												
			F3 WATERBOUND MACADAM	54																
HIGH TYPE SURFACES	G	MIXED BITUMINOUS	G1 NONRIGID BASE	61 ^x																
	G	MIXED BITUMINOUS	G2 RIGID BASE	61 ^x	2.42	1.07		0.69	0.66											
	H	BITUMINOUS PENETRATION	H1 NONRIGID BASE	62																
			H2 RIGID BASE	62	1.09			1.09												
	I	BITUMINOUS CONCRETE	I1	63	35.42	5.43	3.12	15.66	5.35	5.86										
		SAND ASPHALT —HOT PREMIXED	I2 ON P. C. CONCRETE	61	0.47	0.04		0.43												
			I3 ON BITUMINOUS CONCRETE	61	6.82	0.42	0.93	4.77	0.70											
			I4 ON OTHER TYPES THAN I2 AND I3	61	1.87	0.79	0.34		0.74											
	J	PORTLAND CEMENT CONCRETE		70	22.45	3.98	0.72	9.54	5.69	2.52										
	K	BRICK		80																
	L	BLOCK		90	0.11				0.11											
	M	DUAL TYPE		64-9 74-9	6.21	0.11	2.34	3.76												
	N	COMBINATION TYPE		64-9 74-9	0.77		0.77													
TOTAL HARD SURFACED					86.93	14.41	8.93	36.47	14.13	12.99										
TOTAL MILEAGE					87.11	14.41	9.11	36.47	14.13	12.99										