

**TWENTY-THIRD ANNUAL REPORT
OF THE COMMISSIONER OF
PUBLIC ROADS, FOR THE YEAR
ENDING OCTOBER 31ST, 1916**

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Twenty-Third Annual Report of the Commissioner of Public Roads, for the Year Ending
October 31st, 1916 by Various

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VARIOUS

**TWENTY-THIRD ANNUAL REPORT
OF THE COMMISSIONER OF
PUBLIC ROADS, FOR THE YEAR
ENDING OCTOBER 31ST, 1916**



Essex County. Laying Durax pavement on Morris Avenue.

Twenty-third Annual Report

OF THE

New Jersey
Commissioner of Public Roads

For the Year Ending October 31st

1916

TRENTON, N. J.
MacCrellish & Quigley Co., State Printers.

1916.

OFFICE OF COMMISSIONER OF PUBLIC ROADS,

TRENTON, NEW JERSEY, December 1, 1916.

To the Honorable James F. Fielder, Governor, and the Legislature of New Jersey:

I have the honor to submit the Twenty-third Annual Report of the Commissioner of Public Roads for the fiscal year ending October 31, 1916, with such comments and suggestions as existing circumstances seem to require.

E. A. STEVENS,

Commissioner of Public Roads.

FINANCIAL STATEMENT.

Statement of Appropriations—November 1, 1915, to October 31, 1916.

	Carried Forward on Contracts.	Annual Appropriation.	Total Amount Available.	Expended.	Outstanding on Requisitions.	Balance Forward on Contracts.	Lapsed to State Treasury.
PUBLIC ROAD FUNDS.							
Appropriation Public Roads, 1909-10,	\$1,203 63		\$1,203 63	\$7,168 70		\$1,203 63	
State Road Fund, 1913-14,	113,163 67		113,163 67	284,031 67		14,160 91	\$184 061
State Road Fund, 1914-15,	374,936 63		374,936 63	91,988 41	\$4,889 95	18,807 43	12,832 911
State Road Fund, 1915-16,		\$500,000 00	500,000 00			396,273 95	4,447 69
	\$489,303 23	\$500,000 00	\$989,303 23	\$399,538 76	\$4,889 95	\$366,709 94	\$17,864 66
GENERAL APPROPRIATIONS.							
Salary of Commissioner,		\$5,000 00	\$5,000 00	\$5,000 00			
Salary of State Highway Engineer,		4,000 00	4,000 00	4,000 00			
Salary of Division Engineers (Annual and Supplemental),		7,300 00	7,300 00	6,250 00			\$550 00
Chemical and Office Expenses,		17,500 00	17,500 00	12,795 67	\$3,847 13		1,157 20*
Expenses of Surveying Corps (Appropriation and Earnings),		7,026 14	7,026 14	6,289 11	607 70		29 33*
Administration of Township Roads Act,		3,000 00	3,000 00	2,011 16	986 29		2 45*
Survey of State Highway System,		519 43	519 43	519 43			
Purchase of Automobile,		400 00	400 00	394 98			5 02
Convict Labor (Annual and Supplemental),		90,000 00	90,000 00	69,866 82	20,660 80		72 38*
	\$134,745 37	\$134,745 37	\$134,745 37	\$107,727 17	\$25,202 02		\$1,816 38
MOTOR VEHICLE ACCOUNT.							
Motor Vehicle Fund,					Total Amount Available.	Expended.	Carried Forward.
Paid on Allotments,			\$222,985 22	\$1,350,549 16	\$1,872,934 36	\$716,361 69	\$1,040,547 69
Appropriated for Expenses Assistant Supervisors,						3,000 00	
Appropriated for Expenses Motor Vehicle Department,						113,025 00	
			\$222,985 22	\$1,350,549 16	\$1,872,934 36	\$832,386 69	\$1,040,547 69

COMMISSIONER OF PUBLIC ROADS.

5

CASH STATEMENT.
For Fiscal Year 1915-16.

PUBLIC ROAD FUNDS.

Paid on Contracts,		\$316,439 29
Paid on Extras,		14,462 04
Paid for Engineering (final),		13,153 07
Paid for Inspection (final),		5,562 77
		<hr/>
Paid in advance for Inspection on 40% roads, 1916,		\$347,617 17
Paid in advance for Inspection on 40% roads, 1915,		13,658 52
Paid for Inspection not charged to any given roads:		4,471 80
Salary Regular Inspectors,	\$3,250 00	
Expenses of Inspectors,	4,807 66	
Salary of Foremen,	14,847 59	
Wages of Seasonal Inspectors,	14,946 13	
		<hr/>
		34,091 29
		<hr/>
		\$399,838 78

MOTOR VEHICLE FUNDS.

Paid on allotments for maintenance and repair of roads,		\$716,361 69
Paid for Expenses of Assistant Supervisors,	\$2,918 36	
Outstanding on requisitions,	682 28*	
Lapsed to State Treasury,	392 36	
		<hr/>
		3,000 00
Appropriated for Expenses of Motor Vehicle Department,		113,025 00
		<hr/>
		\$832,386 69

Balance Sheet—October 31, 1916.

PUBLIC ROAD FUNDS.

ASSETS.

Cash Balance, Appropriation for Public Roads, 1909-10,		\$1,293 63
Cash Balance, State Road Fund, 1913-14,		42,160 91
Cash Balance, State Road Fund, 1914-15,		128,971 45
Cash Balance, State Road Fund, 1915-16,		401,153 90
		<hr/>
		\$571,599 89

LIABILITIES.

Approved contracts for new construction outstanding,		\$495,378 90
Approved extras outstanding,		7,798 04
Reserve for extras, engineering and inspection,		63,623 00
Outstanding on requisitions,		4,889 95
		<hr/>
		\$571,599 89

MOTOR VEHICLE FUNDS.

ASSETS.

Cash Balance, Motor Vehicle Fund,		\$1,049,547 69
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LIABILITIES.

Allotments for maintenance outstanding,		854,333 31
Balance available,		<hr/>
		\$186,314 38

* Amounts as apparent; these may be changed through entire amount outstanding on requisitions not being used.
† Amounts lapsing to State Treasury on account of savings on contracts on which final payments have been made.

TWENTY-THIRD ANNUAL REPORT.

STATEMENT.

Item.	1910-11.	1911-12.	1912-13.	1913-14.	1914-15.	1915-16.**
Salaries,	\$11,600 00	\$11,600 00	\$15,100 00	\$15,600 00	\$16,300 00	\$16,549 84
Office Expenses,	19,994 85	15,960 00	15,500 00	19,082 91	14,916 91	17,500 00
Auto Purchases,	3,945 00	.....	4,999 80	.....	2,500 00	400 00
Sundries, .....	.....	.....	383 26	.....	.....	2,500 00
Administration Expense,	\$26,519 85	\$27,560 00	\$36,185 00	\$34,692 91	\$33,716 01	\$36,049 84
Per Cent.,	4.83%	4.11%	3.48%	2.88%	3.04%	2.25%
Road Construction,	\$399,816 08	\$287,739 46	\$321,575 37	\$497,412 71	\$235,866 27	\$355,000 00
Road Repair,	22,184 03	307,777 35	495,602 49	390,226 28	721,277 39	1,000,000 00
Survey, etc.,	8,333 90	13,274 53	9,142 37	15,866 86	4,831 96	519 43
Experimental Work,	6,957 76	5,978 38	.....	.....	.....	.....
Convict Labor, .....	.....	.....	44,683 24	99,080 15	98,494 30	90,000 00
Work Performed,	\$546,591 77	\$669,799 72	\$1,071,303 37	\$1,202,485 94	\$1,110,469 22	\$1,640,519 43
Inspection Cost,	\$3,996 20	\$27,663 10	\$8,269 16	\$44,747 34	\$44,958 25	\$57,000 00
Per Cent.,	4.75%	4.13%	2.64%	3.71%	4.05%	3.47%
Total Per Cent. of Administration and Inspection,	9.6%	8.24%	6.02%	6.59%	7.09%	5.72%

** The figures below indicate liabilities incurred; all bills not having been presented as yet.

Payments on Roads and Bridges, 1916.

PAYMENTS FROM 1916 APPROPRIATION.

In compliance with chapter 395, laws of 1912, and all supplements thereto and amendments thereof, the following statement of cost of roads and bridges is submitted.

The following payments have been made during the fiscal year 1916 and were made from the appropriation for 1916:

GLoucester County—Mullica Hill-Woodbury turnpike, 6.770 miles; purchase price allowed, \$25,000; State's share, \$12,500.

MIDDLESEX County—Perth Amboy-South Amboy drawbridge. Cost of maintenance and repairs, \$14,979.03; State's share, in accordance with chapter 413, laws of 1912, \$4,693.01.

MORRIS County—Sussex turnpike, section two, 1.063 miles; cost allowed, \$24,903.20; State's share, \$9,569.13.

OCEAN County—Barnegat-Buddtown road, first section, cost allowed on partial payment, \$7,845.85; State's share on partial payment, \$3,136.34.

SUSSEX County—Newton-Sparta road, cost allowed on partial payment, \$24,048.05; State's share on partial payment, \$9,979.22. Ross's Corner-Sussex road, cost allowed on partial payment, \$12,097.70; State's share on partial payment, \$4,839.08. Total for county, \$37,045.75; State's share, \$14,818.30.

WARREN County—Fish Hatchery road, 0.150 mile; cost allowed, \$1,219.82; State's share, \$1,219.82.

Total mileage paid for from 1916 appropriation, 7.983; total cost allowed on contracts paid for from 1916 appropriation, \$110,093.65; total State's share paid on contracts from 1916 appropriation, \$46,238.60; payment for general inspection of roads, \$47,749.81; total payments from 1916 appropriation, \$93,988.41.

PAYMENTS FROM 1915 APPROPRIATION.

The following payments have been made during the fiscal year 1916, but paid from the appropriation for 1915:

ATLANTIC County—Bass Harbor bridge, cost allowed, \$16,957.25; State's share, \$1,355.23. Broad Thorofare bridge, cost allowed, \$78,725.80; State's share, \$7,025.08. Hospitality Creek bridge, cost allowed, \$23,480.84; State's share, \$1,029.83. Northfield road, 0.112 mile; cost allowed, \$1,886.95; State's share, \$683.28. Northfield bridge, cost allowed, \$2,164.55; State's share, \$116.45. Patcong Creek bridge, cost allowed, \$42,326.88; State's share, \$7,170.48. Rigley's Channel bridge, cost allowed, \$77,558.45; State's share, \$6,544.36. Somers Point-Longport boulevard, cost allowed on partial payment, \$100,168.10; State's share on partial payment, \$40,067.24. Bridges on Somers Point-Longport boulevard, cost allowed on partial payment, \$28,563.30; State's share on partial payment, \$2,856.33. Wheat road and Twelfth street, 13.787 miles; cost allowed, \$73,258.39; State's share, \$27,612.55. Total for county, 13.899 miles; cost allowed, \$445,090.51; State's share, \$95,360.83.

BERGEN County—Kinderkamack road, sixth section, 2.108 miles; cost allowed, \$51,746.77; State's share, \$19,695.47.