

# MAINE STATE LEGISLATURE

The following document is provided by the  
**LAW AND LEGISLATIVE DIGITAL LIBRARY**  
at the Maine State Law and Legislative Reference Library  
<http://legislature.maine.gov/lawlib>



Reproduced from scanned originals with text recognition applied  
(searchable text may contain some errors and/or omissions)

MAINE PUBLIC DOCUMENTS

July 1, 1938 - June 30, 1940

TWENTY-SIXTH ANNUAL REPORT

of the

STATE HIGHWAY  
COMMISSION

of the

STATE OF MAINE

January 1, 1938, to December 31, 1938

STATE OF MAINE

---

OFFICE OF  
STATE HIGHWAY COMMISSION

*To His Excellency, the Governor, and the Honorable Council:*

We have the honor to present the twenty-sixth annual report of the State Highway Commission, from January 1, 1938, to December 31, 1938.

STILLMAN E. WOODMAN  
LEON O. TEBBETTS  
GEORGE C. LORD

Augusta, Maine  
December 31, 1940

## STATE HIGHWAY COMMISSION

1938

Work under direction of the State Highway Commission during 1938 included the same activities undertaken in 1937.

Under the Federal act of June 16, 1936, the sum of \$1,122,-670.00 was apportioned to Maine for regular Federal-aid highway construction for the fiscal year ending June 30, 1938, and \$1,089,359.00 for the fiscal year ending June 30, 1939.

For the construction of secondary Federal-aid projects there was apportioned to this State \$224,534.00 for the fiscal year ending June 30, 1938, and \$217,872.00 for the fiscal year ending June 30, 1939.

For elimination of hazards to life at railroad grade crossings, there was apportioned to Maine \$352,468.00 for the fiscal year ending June 30, 1938, and \$338,735.00 for the fiscal year ending June 30, 1939.

State funds for use with regular Federal-aid have been made available from the sale of bonds and from the General Highway Fund. State funds for other activities have come from the General Highway Fund or from income produced by carrying on the activity. With the exception of bond funds, State funds for the fiscal years ending June 30, 1938, and June 30, 1939, are provided under the terms of Chapter 229, P. L. 1937 (General Highway Fund).

Tabular statements and descriptions have been made for major activities.

Grade crossing elimination projects which have included structures are under direction of the Bridge Division and have been reported in the report on bridge construction. Projects to eliminate railroad grade crossings by highway relocations are reported with highway construction.

As a result of state and Federal-aid highway construction, 53.99 miles were built in 1938 including 1937 work carried over to 1938. This total includes 31.33 miles of gravel road, 9.47 miles of bituminous macadam, 3.94 miles of concrete and 9.25 miles of bituminous concrete. In addition, 6.90 miles of concrete road were widened with concrete.

Federal-aid secondary work included the completion of 8.37 miles of gravel road included in the program for the fiscal year 1938, and completion of 21.95 miles of gravel included in the program for the fiscal year 1939.

Under Federal grants 1.15 miles of gravel road were completed. This was work included in the program of U. S. Works Program Secondary Projects (W.P.S.O.) under provisions of the Emergency Relief Appropriation Act of 1935.

As a result of state aid road construction, 124.36 miles of gravel road were completed (including 18.23 miles of surfacing

over base previously constructed), 0.49 miles of cement concrete, 0.85 miles of bituminous concrete, and 0.47 miles of bituminous macadam, making a total of 126.17 miles of new improved road mileage for 1938. In addition to the above, 40.94 miles of gravel road and 0.29 miles of bituminous concrete were reconstructed. Grading and construction of base courses were done on 33.42 miles. During the season 205.88 miles were tar surface treated with state aid funds.

Under provisions for the construction of third class highways, 56.73 miles of gravel road and 0.11 miles of bituminous macadam were constructed, and 6.86 miles of base previously built were surfaced with gravel, making a total of 63.70 miles. In addition to the above, 4.79 miles of third class road were reconstructed and bituminous surface treatment was applied to 46.64 miles.

Work under special resolves included the construction of 15.10 miles of gravel road, 0.10 miles of gravel base, surface treatment of 3.83 miles and repairs on 44.15 miles.

During 1938 sixty bridges were placed under contract. Of the total, 23 were state bridge projects, 2 were state projects with W.P.A. labor, 29 were P.W.A. projects, 2 were Federal-aid bridge projects and 4 were Federal-aid grade crossing projects.

This year 5.03 miles of gravel road were completed on the Guerette-Sinclair Road in Aroostook County. Of the total length 2.73 miles are in township 17-R-4 and 2.30 miles in township 17-R-5. This was a W.P.A. project and was begun in 1936.

Maintenance of state and state aid roads included 7,015.91 miles under regular maintenance provisions and 202.02 miles by special arrangements with towns, a total of 7,217.93 miles. This total includes 2,619.47 miles of state highway, 4,581.32 miles of state aid road and 17.14 miles of unimproved road. Bituminous surface treatment was applied to 4,746 miles.

Details of snow removal and expenditures for the winter of 1937-1938 were included in the 1937 report.

**FINANCIAL STATEMENT**  
**MAINE STATE HIGHWAY COMMISSION**  
**January 1-December 31, 1938**  
**HIGHWAY LOAN FUND**  
**STATE HIGHWAY CONSTRUCTION**

**Credits**

Balance January 1, 1938 . . . . .	\$121,639.61
Receipts—Sale of Bonds . . . . .	1,000,000.00
Premium on Bonds . . . . .	21,890.00
Federal Aid . . . . .	1,124,206.00
Reimb. Bonding Co. . . . .	18,137.23
New Amsterdam Casualty Co. (Weston)	
Contribution from town . . . . .	200.00
Rental Buildings . . . . .	67.20
Miscellaneous . . . . .	14,462.49
Transfer Federal Highway Roads—Gen. High. Fund. . . . .	275,000.00
Adjustment offset by Debit . . . . .	207.73
	\$2,575,810.26

**Expenditures**

Engineering . . . . .	\$150,895.40
Advertising . . . . .	1,036.25
Right of Way . . . . .	108,425.65
Labor and Material . . . . .	2,298,069.82
Adjustment offset by Credit . . . . .	207.73
	\$2,558,634.85
Balance December 31, 1938 . . . . .	17,175.41
	\$2,575,810.26

**BRIDGE LOAN FUND**  
**BRIDGE CONSTRUCTION**

**Credits**

Balance January 1, 1938 . . . . .	\$133,371.68
*Receipts—Town and County . . . . .	300,048.96
Federal Aid . . . . .	21,892.73
Reimbursement Land Damage . . . . .	3,300.00
N. H. Interstate Bridge . . . . .	1,151.72
Contributions . . . . .	2.00
Miscellaneous . . . . .	15,588.03
Transfer State Aid Construction . . . . .	14,762.40
Third Class Construction . . . . .	15,930.11
Special Resolves . . . . .	20,804.30
Gen. High. Fed. Allot. . . . .	84,317.53
State Apportionment Gen. High. Fund. . . . .	400,000.00
Adjustment offset by Debit . . . . .	5,070.17
	\$1,016,239.63

## STATE HIGHWAY COMMISSION

<b>Expenditures</b>	
Engineering .....	\$96,890.21
Right of Way .....	14,501.60
Labor and Material .....	451,497.37
Transfer Federal Projects .....	319,932.08
P.W.A. ....	\$ 5,292.95
P.W.A. (1938) .....	298,350.00
W.P.F.R. ....	16,000.08
W.P.G.H. ....	223.86
W.P.G.S. ....	65.19
*Refund County and Town .....	15,798.20
State Aid .....	231.58
Third Class .....	1,238.42
Transfer General High. Fed. Allot. ....	2,025.68
Adjustment offset by Credit .....	5,070.17
	<hr/>
	\$907,185.31
Balance December 31, 1938 .....	109,054.32
	<hr/>
	\$1,016,239.63

**NON-RESIDENT EXCISE TAX**

<b>Credits</b>	
Balance January 1, 1938 .....	\$1,213.54
Receipts Tax .....	23,126.61
	<hr/>
	\$24,340.15
<b>Expenditures</b>	
Expenditures .....	\$ 9,245.40
Lapsed to General Highway .....	14,428.55
	<hr/>
	\$23,673.95
Balance December 31, 1938 .....	666.20
	<hr/>
	\$24,340.15

**ADMINISTRATION—HIGHWAY COMMISSION**

<b>Credits</b>	
Balance January 1, 1938 .....	\$52,788.17
Receipts—Sale Blueprints and Specifications .....	4,386.45
Miscellaneous .....	8,022.43
Sale Material .....	\$ 658.76
Can. Checks and Refunds .....	388.80
Adjustments 1937 .....	3,208.02
Adjustments 1938 .....	3,766.85
Transfer to Balance June 30, 1938 .....	8,086.99
Apportionment from Gen. High. Fund .....	125,000.00
	<hr/>
	\$198,284.04

\*This Credit includes \$36.48 transferred from State Aid as Town's share. The Credit and Expenditures include \$5700.96 transferred from one completed Bridge to an uncompleted Bridge in same town or county.



**Expenditures**

Expenditures .....	\$134,795.30
Balance December 31, 1938 .....	63,488.74
	<hr/>
	\$198,284.04

**ADMINISTRATION—HIGHWAY POLICE****Credits**

Balance January 1, 1938 .....	\$124,487.84
Receipts—Miscellaneous .....	3,574.77
Transfer Safety Division Sticker Fund .....	14,250.00
Transfer to Balance June 30, 1938 .....	5,718.00
Apportionment from Gen. Highway Fund .....	270,000.00
	<hr/>
	\$418,030.61

**Expenditures**

Expenditures .....	\$297,704.73
Balance December 31, 1938 .....	120,325.88
	<hr/>
	\$418,030.61

**ADMINISTRATION—MOTOR VEHICLE DEPARTMENT  
(Secretary of State).****Credits**

Balance January 1, 1938 .....	\$72,611.54
Receipts—Miscellaneous .....	148.72
Transfer to Balance June 30, 1938 .....	11,684.30
Apportionment from Gen. Highway Fund .....	130,000.00
	<hr/>
	\$214,444.56

**Expenditures**

Expenditures .....	\$138,346.50
Balance December 31, 1938 .....	76,098.06
	<hr/>
	\$214,444.56

**ADMINISTRATION AND REBATES—INTERNAL  
COMBUSTION ENGINE FUELS****Credits**

Balance January 1, 1938 .....	\$53,825.88
Receipts—Miscellaneous .....	80.17
Transfer to Balance—June 30, 1938 .....	42,216.57
Apportionment—Gen. Highway Fund .....	190,000.00
	<hr/>
	\$286,122.62

**Expenditures**

Expenditures .....	\$214,119.70
Balance December 31, 1938 .....	72,002.92
	<hr/>
	\$286,122.62

## STATE HIGHWAY COMMISSION

## REGULATION OF OUTDOOR ADVERTISING

<b>Credits</b>	
Receipts—Licenses . . . . .	\$3,545.00
Permits . . . . .	5,317.00
Transfer to Balance—June 30, 1938 . . . . .	2,233.24
Adjustment offset by Debit . . . . .	2.34
	\$11,097.58
<b>Expenditures</b>	
Expenditures . . . . .	\$11,095.24
Adjustment offset by Credit . . . . .	2.34
	\$11,097.58

## IMPROVEMENT OF STATE ROADS

## (State Aid Road Construction)

<b>Credits</b>	
Balance January 1, 1938 . . . . .	\$136,505.01
Receipts—Towns . . . . .	433,250.69
Towns (error) offset by Debit . . . . .	32.00
Miscellaneous . . . . .	3,818.61
Transfer—Third Class . . . . .	155,584.98
Special Resolves . . . . .	53,628.03
General Highway (Spec C.O.) . . . . .	8,135.00
Maint. S & S A H . . . . .	10,000.00
Unexpended Balance Bridge Loan . . . . .	231.58
Apportionment from Gen. Highway Fund . . . . .	850,000.00
Adjustment offset by Debit . . . . .	393.51
	\$1,651,579.41
<b>Expenditures</b>	
Engineering and Supervision . . . . .	\$ 42,248.39
*Right of Way . . . . .	7,427.77
*Labor and Material . . . . .	1,419,309.69
†Transfer Bridge Loan . . . . .	14,798.88
Transfer Federal Projects . . . . .	1,838.44
G.H.F.A. . . . .	\$ 798.56
N.R.A. . . . .	1,039.88
Adjustment offset by Credit . . . . .	425.51
Transfer Reimbursement, Compensation for injuries . . . . .	10,000.00
	\$1,496,048.68
Balance December 31, 1938 . . . . .	155,530.73
	\$1,651,579.41

\*Right of Way includes \$500.00 and Labor and Material \$278.18 transferred from General Highway Temporary Charges.

†Transfer Bridge Loan includes \$36.48 transferred as town's share.

**C. W. A. SUPPLIES ACCOUNT****Credits**

Balance January 1, 1938.....	\$5,015.22
Receipts Contingent Fund.....	3,000.00
Miscellaneous.....	232.67
Sale Material and Labor.....	\$141.45
Cancel Checks.....	91.22
Transfer General Highway Fed. Allot.....	1,521.73
	<hr/>
	\$9,769.62

**Expenditures**

Supervision.....	\$ 24.99
Labor and Material.....	8,561.62
Lapsed to General Highway.....	13.03
	<hr/>
	\$8,599.64
Balance December 31, 1938.....	1,169.98
	<hr/>
	\$9,769.62

**SPECIAL RESOLVES****Credits**

Balance January 1, 1938.....	\$67,464.33
Receipts—Contingent Fund.....	10,000.00
Miscellaneous.....	305.00
Rescind from General Highway Fund.....	1.50
Transfer Advance General Highway Fund.....	5,000.00
Apportionment from General Highway Fund.....	150,000.00
from General Highway (Additional).....	68,300.00
Special (Chapter 99).....	3,689.31
	<hr/>
	\$304,760.14

**Expenditures**

Supervision.....	\$ 5,527.10
Labor and Material.....	159,345.21
Lapsed to General Highway.....	35.41
Transfer Bridge Loan.....	20,804.30
Third Class.....	19,422.36
State Aid.....	53,628.03
Reimb. of Advance.....	12,000.00
1937.....	\$7,000.00
1938.....	5,000.00
	<hr/>
	\$270,762.41
Balance December 31, 1938.....	33,997.73
	<hr/>
	\$304,760.14

**BRIDGE MAINTENANCE****Credits**

Balance January 1, 1938 . . . . .	\$69,500.56
Receipts—Rental Buildings . . . . .	2,245.00
Rental Pipe Line . . . . .	500.00
Miscellaneous . . . . .	4,619.41
Transfer to Balance—June 30, 1938 . . . . .	6,123.88
Apportionment Gen. Highway Fund . . . . .	200,000.00
	<hr/>
	\$282,988.85

**Expenditures**

Engineering . . . . .	\$ 20,061.31
Labor and Material . . . . .	148,995.04
	<hr/>
	\$169,056.35
Balance December 31, 1938 . . . . .	113,932.50
	<hr/>
	\$282,988.85

**MAINTENANCE—STATE AND STATE AID HIGHWAYS****Credits**

Balance January 1, 1938 . . . . .	\$1,367,314.29
Receipts from Towns . . . . .	295,692.14
Patrol 1938 . . . . .	\$264,833.99
Patrol 1938 (over) . . . . .	9,768.83
Patrol previous 1938 . . . . .	19,111.17*
Patrol previous 1938 (over) . . . . .	1,260.97*
Patrol unimproved . . . . .	717.18
Receipts Miscellaneous . . . . .	255,044.02
Apportionment General Highway Fund . . . . .	2,700,000.00
Apportionment offset by Debit . . . . .	200,000.00
	<hr/>
	\$4,818,050.45

**Expenditures**

Supervision . . . . .	\$ 90,029.66
Labor and Material . . . . .	2,718,469.45
Refund Overpayment Patrol . . . . .	7,922.19
Transfer State Aid . . . . .	10,000.00
Balance Lapsed, June 30, 1938 . . . . .	152,348.55
Transfer offset by Credit . . . . .	200,000.00
	<hr/>
	\$3,178,769.85
Balance December 31, 1938 . . . . .	1,639,280.60
	<hr/>
	\$4,818,050.45

\*This includes Patrol 1933 \$508.04  
1936 299.73  
1937 18,303.40  
1937 1,260.97

**THIRD CLASS HIGHWAY CONSTRUCTION****Credits**

Balance January 1, 1938 . . . . .	\$73,264.14
Receipts—Towns . . . . .	403.14
Receipts—Miscellaneous Adjustment . . . . .	103.77
Transfer Special Resolves . . . . .	19,422.36
Transfer Bridge Loan . . . . .	1,238.42
Apportionment General Highway Fund . . . . .	670,000.00
	<hr/>
	\$764,431.83

**Expenditures**

Supervision . . . . .	\$ 31,402.83
Right of Way . . . . .	696.25
Labor and Material . . . . .	477,188.84
Transfer to State Aid . . . . .	155,584.98
Bridge Loan . . . . .	15,930.11
Comp. for Injuries to Employees (Reimb.) . . . . .	11,000.00
	<hr/>
	\$691,803.01
Balance December 31, 1938 . . . . .	72,628.82
	<hr/>
	\$764,431.83

**MAINTENANCE OF UNIMPROVED ROADS****Credits**

Balance January 1, 1938 . . . . .	\$18,912.56
Receipts—Miscellaneous (Can. Cks.) . . . . .	.59
Apportionment, General Highway Fund . . . . .	200,000.00
	<hr/>
	\$218,913.15

**Expenditures**

Supervision . . . . .	\$ 4,582.88
Labor and Material . . . . .	196,308.85
Transfer Comp. for Injuries to Employees (Reimb.) . . . . .	3,000.00
	<hr/>
	\$203,891.73
Balance December 31, 1938 . . . . .	15,021.42
	<hr/>
	\$218,913.15

**COMPENSATION FOR INJURIES TO EMPLOYEES****Credits**

Balance January 1, 1938.....	\$46,313.85
Receipts: Insurance Co. Reimb.....	4,033.09
Case Hannibal Waugh	
Case John Fuller	
Case Markie Cram	
Case William Deacon	
Receipts Federal Projects—Reimbursement.....	1,831.15
Miscellaneous (Can. Cks.).....	708.58
Transfer, General Highway Fund.....	75,000.00
	<hr/>
	\$127,886.67

**Expenditures**

Expenditures.....	\$48,756.34
Balance December 31, 1938.....	79,130.33
	<hr/>
	\$127,886.67

**MOTOR TRANSPORT AND EQUIPMENT****Credits**

Receipts—Rental.....	\$466,389.13
Sale of Material.....	185,702.78
Miscellaneous.....	2,876.21
	<hr/>
	\$654,968.03
Overdraft December 31, 1938.....	33,142.52
	<hr/>
	\$688,110.55

**Expenditures**

Balance overdrawn January 1, 1938.....	\$26,935.69
Expenditures.....	661,174.86
	<hr/>
	\$688,110.55

**FEDERAL HIGHWAY ROADS****Credits**

Apportionment from General Highway Fund.....	\$275,000.00
--	--------------

**Expenditures**

Transfer to Highway Loan Fund.....	\$275,000.00
------------------------------------	--------------

**FEDERAL SECONDARY ROADS****Credits**

Balance January 1, 1938.....	\$ 4,673.21
Receipts—Federal Aid.....	172,600.00
Receipts—Miscellaneous.....	4,532.77
Apportionment, General Highway Fund.....	250,000.00

---

 \$431,805.98

Balance, overdrawn December 31, 1938.....	78,720.57
---	-----------

---

 \$510,526.55
**Expenditures**

Engineering.....	\$ 48,090.38
Advertising.....	743.61
Right of Way.....	2,822.99
Labor and Material.....	\$458,869.57

---

 \$510,526.55
**FEDERAL GRADE CROSSINGS****Credits**

Balance January 1, 1938.....	\$ 72,655.69
Receipts—Federal Aid.....	196,291.00
Violation of Contract.....	1,000.00
Miscellaneous (Can. Checks).....	2,106.09
Apportionment General Highway Fund.....	75,000.00

---

 \$347,052.78
**Expenditures**

Engineering.....	\$ 25,390.20
Advertising.....	522.27
Right of Way.....	46,644.28
Labor and Material.....	242,240.07

---

 \$314,796.82

Balance, December 31, 1938.....	32,255.96
---------------------------------	-----------

---

 \$347,052.78
**GENERAL HIGHWAY FEDERAL ALLOTMENT****Credits**

Balance January 1, 1938.....	\$414,760.90
Received Miscellaneous.....	1,860.60
Adjustment.....	\$1,810.47
Sale Material.....	50.13
Transfer, State Aid.....	\$ 798.56
Transfer, Bridge Loan.....	2,025.68
Adjustment offset by Debit.....	824.63

---

 \$420,270.37

**Expenditures**

Transfer, Bridge Loan .....	\$ 84,317.53
W. P. Trust Fund .....	223,566.04
N. R. Trust Fund .....	8,538.85
C. W. A. Supply Account .....	1,521.73
Expenditures .....	75.59
Adjustment offset by Credit .....	824.63
	<hr/>
	\$318,844.37
Balance, December 31, 1938 .....	101,426.00
	<hr/>
	\$420,270.37

**REMOVAL OF SNOW FROM HIGHWAYS****Credits**

Balance January 1, 1938 .....	\$390,983.64
Receipts—Towns .....	391,321.74
Receipts—Miscellaneous .....	1,886.88
Sale Material and Labor .....	\$ 2.40
Can. Cks. and Ref. ....	1,236.28
Adjustments .....	648.20
Transfer, Balance June 30, 1938 .....	\$ 30,479.69
Apportionment, General Highway Fund .....	700,000.00
Adjustment offset by Debit .....	1.23
	<hr/>
	\$1,514,673.18

**Expenditures**

Supervision .....	\$ 47,769.46
Labor and Material .....	1,055,883.30
Refund Towns share .....	1,676.63
Adjustment offset by Debit .....	1.23
	<hr/>
	\$1,105,330.62
Balance December 31, 1938 .....	409,342.56
	<hr/>
	\$1,514,673.18

**WALDO-HANCOCK BRIDGE****Credits**

Balance, January 1, 1938 .....	\$218,619.32
Receipts—Tolls .....	95,929.10
Receipts—Miscellaneous .....	700.74
Sale Material and Labor .....	\$696.99
Refunds .....	3.75
Adjustment offset by Debit .....	15.35
	<hr/>
	\$315,264.51



**Expenditures**

Interest on Bonds .....	\$36,000.00
Expenditures .....	14,781.65
Adjustment offset by Credit .....	15.35
	<hr/>
	\$50,797.00
Balance, December 31, 1938 .....	264,467.51
	<hr/>
	\$315,264.51

**CARLTON-KENNEBEC BRIDGE****Credits**

Balance, December 31, 1938 .....	\$167,653.00
Receipts—Tolls .....	180,953.25
Excise Tax .....	15,688.80
M. C. R. R.—1937 Rental .....	6,231.48
Miscellaneous (Sale Mat.) .....	12.25
Adjustment offset by Debit .....	750.00
	<hr/>
	\$371,288.78

**Expenditures**

Reserve to Retire Bonds .....	\$206,000.00
Interest on Bonds .....	22,840.00
Expenditures .....	22,875.23
Transfer, Special Maint. Acct. ....	6,231.48
Adjustment offset by Credit .....	750.00
	<hr/>
	\$258,696.71
Balance, December 31, 1938 .....	112,592.07
	<hr/>
	\$371,288.78

**RICHMOND-DRESDEN BRIDGE****Credits**

Receipts—Tolls .....	\$4,391.00
Rental of Buildings .....	305.00
Miscellaneous (Adj.) .....	7.96
Adjustment offset by Debit .....	229.16
	<hr/>
	\$4,933.12
Overdraft, December 31, 1938 .....	751.93
	<hr/>
	\$5,685.05

**Expenditures**

Expenditures .....	\$5,455.89
Adjustment offset by Credit .....	229.16
	<hr/>
	\$5,685.05

**ACCRUED INTEREST AND RESERVE TO RETIRE  
HIGHWAY AND BRIDGE BONDS**

**Credits**

Transfer, General Highway Fund . . . . .	\$2,426,777.50
Interest ad Interim . . . . .	500.00
	\$2,427,277.50

**Expenditures**

Reserve to Retire Highway and Bridge Bonds . . . . .	\$1,520,000.00
Interest on Highway and Bridge Bonds . . . . .	907,277.50
	\$2,427,277.50

**KITTERY-PORTSMOUTH BRIDGE AUTHORITY**

**Credits**

Overdraft, December 31, 1938 . . . . .	\$1,389.18
--	------------

**Expenditures**

Overdraft January 1, 1938 . . . . .	\$ 9.38
Engineering . . . . .	1,379.80
	\$1,389.18

**HIGHWAY PLANNING SURVEY**

**Credits**

Receipts—Federal Aid . . . . .	\$84,696.89
Receipts—Miscellaneous . . . . .	70.48
	\$84,767.37
*Overdraft, December 31, 1938 . . . . .	104,588.54
	\$189,355.91

**Expenditures**

Overdraft, January 1, 1938 . . . . .	\$22,077.32
Expenditures . . . . .	167,278.59
	\$189,355.91

**PUBLIC WORKS ADMINISTRATION  
CONSTRUCTION OF BRIDGES (1936)**

**Credits**

Transfer Bridge Loan . . . . .	\$5,292.95
Adjustment offset by Debit . . . . .	1,995.21
	\$7,288.16
Overdraft, December 31, 1938 . . . . .	122,732.36
	\$130,020.52

\*This overdraft is due to the fact that no transfer has been made from Highway Funds.

**Expenditures**

Overdraft, January 1, 1938.....	\$38,519.53
Engineering.....	3,692.04
Labor and Material.....	85,813.74
Adjustment offset by Credit.....	1,995.21
	<hr/>
	\$130,020.52

**PUBLIC WORKS ADMINISTRATION  
CONSTRUCTION OF BRIDGES (1938)**

**Credits**

Transfer Bridge Loan.....	\$298,350.00
Adjustment to offset Debit.....	12.55
	<hr/>
	\$298,362.55

**Expenditures**

Engineering.....	\$ 9,911.53
Labor and Material.....	93,920.68
Adjustment offset by Credit.....	12.55
	<hr/>
	\$103,844.76
Balance, December 31, 1938.....	194,517.79
	<hr/>
	\$298,362.55

**PUBLIC WORKS ADMINISTRATION  
SOUTHPORT BRIDGE**

**Credits**

Overdraft, December 31, 1938.....	\$736.61
-----------------------------------	----------

**Expenditures**

Engineering.....	\$736.61
------------------	----------

**\* W. P. H. (9210)****Credits**

Transfer, Trust Fund to Balance.....	\$22.50
--------------------------------------	---------

**Expenditures**

Engineering.....	\$22.50
------------------	---------

**\* W. P. S. S. (9220)****Credits**

Adjustment offset by Debit.....	\$ 296.12
Transfer, Trust Fund to Balance.....	6,132.03
	<hr/>
	\$6,428.15

<b>Expenditures</b>	
Adjustment offset by Credit.....	\$ 296.12
Transfer, W. P. M. H.....	5,978.12
Transfer, W. P. S. O.....	153.86
Labor and Material Adjustment.....	.05
	\$6,428.15

\* **W. P. S. O. (9230)**

<b>Credits</b>	
Transfer, W. P. S. S.....	\$ 153.86
Overdraft, December 31, 1938.....	18,249.59
	\$18,403.45

<b>Expenditures</b>	
Engineering.....	\$1,075.29
Labor and Material.....	17,328.16
	\$18,403.45

\* **W. P. M. H. (9240)**

<b>Credits</b>	
Transfer, W. P. S. S.....	\$5,978.12

<b>Expenditures</b>	
Labor and Material.....	\$ 342.44
Lapsed to Trust Fund.....	5,635.68
	\$5,978.12

\* **W. P. G. H. (9260)**

<b>Credits</b>	
Overdraft, December 31, 1939.....	\$107,344.46

<b>Expenditures</b>	
Engineering.....	\$ 5,589.43
Labor and Material.....	101,755.03
	\$107,344.46

\* **W. P. G. M. (9270)**

<b>Credits</b>	
Overdraft, December 31, 1938.....	\$7,984.35

<b>Expenditures</b>	
Engineering.....	\$ 11.10
Labor and Material.....	7,973.25
	\$7,984.35

**\* W. P. C. S. (9280)**

<b>Credits</b>	
Overdraft, December 31, 1938 . . . . .	\$20,298.89
<b>Expenditures</b>	
Engineering . . . . .	\$1,210.26
Labor and Material . . . . .	19,088.63
	\$20,298.89

**\* W. P. F. R. (9290)**

<b>Credits</b>	
Overdraft, December 31, 1938 . . . . .	\$306,255.12
<b>Expenditures</b>	
Engineering . . . . .	\$18,510.59
Labor and Material . . . . .	287,744.53
	\$306,255.12

- \* W.P.H. Projects located on the Federal Aid highway system outside of municipalities and metropolitan areas will be designated "U. S. Works Program Highway Project No. WPH."
- W.P.S.S. Projects located on the State Highway system outside of municipalities and metropolitan areas but not in the Federal Aid system will be designated "U. S. Works Program Highway Project WPSS."
- W.P.S.O. Projects located on secondary or feeder roads outside of municipalities or metropolitan areas and not included in the state highway system or Federal Aid highway system will be designated "U. S. Works Program Highway Project WPSO."
- W.P.M.H. Projects located on the Federal Aid highway system within municipalities or metropolitan areas will be designated "U. S. Works Program Highway Project WPMH."
- W.P.G.H. Projects located on the Federal Aid highway system outside of municipalities (with reference to grade crossing work) will be designated "U. S. Works Program Grade Crossing Project WPGH."
- W.P.G.M. Projects located on or off the Federal Aid highway system within municipalities (with reference to grade crossing work) will be designated "U. S. Works Program Grade Crossing Project WPGM."
- W.P.G.S. Projects located on secondary or feeder roads outside of municipalities (with reference to grade crossing work) will be designated "U. S. Works Program Grade Crossing Project WPGS."

**WORKS PROGRESS ADMINISTRATION TRUST FUND**

<b>Credits</b>	
Balance January 1, 1938.....	\$103,146.02
Receipts—Federal Aid.....	480,257.95
Receipts—Miscellaneous.....	880.06
Adjustments.....	\$ 45.94
Salvage tools.....	308.23
Can. Checks and Ref.....	525.89
Transfer, General Highway Federal Allotment.....	\$223,566.04
Bridge Loan Fund.....	16,289.13
N. R. H. Trust Fund.....	15,000.00
Lapsed to Balance W. P. M. H.....	5,635.68
	<hr/>
	\$844,774.88
<b>Expenditures</b>	
Refund to U. S. Government.....	\$289,292.22
Transfer to Balance Detail Accounts.....	6,154.53
	<hr/>
	\$295,446.75
Balance, December 31, 1938.....	549,328.13
	<hr/>
	\$844,774.88

**NATIONAL INDUSTRIAL RECOVERY ACT  
MUNICIPAL (1934) NRM**

<b>Credits</b>	
Transfer, Trust Fund to balance.....	\$764.45
<b>Expenditures</b>	
Labor and Material.....	\$764.45

**NATIONAL INDUSTRIAL RECOVERY ACT  
HIGHWAYS (1935) NRH**

<b>Credits</b>	
Transfer Trust Fund to Balance.....	\$74.34
<b>Expenditures</b>	
Labor and Material.....	\$74.34

**NATIONAL INDUSTRIAL RECOVERY ACT  
SECONDARY (1935) NRS**

<b>Credits</b>	
Transfer, Trust Fund to Balance.....	\$85.22
<b>Expenditures</b>	
Labor and Material.....	\$85.22

## NATIONAL INDUSTRIAL RECOVERY ACT

## TRUST FUND

## Credits

Balance, January 1, 1938.....	\$8,031.59
Receipts, Federal Aid.....	10,471.95
Transfer, State Aid.....	1,039.88
Transfer, General Highway Federal Allotment.....	8,538.85
	<hr/>
	\$28,082.27

## Expenditures

Transfer, W. P. A. Trust Fund.....	\$15,000.00
Transfer to balance detail Accounts.....	924.01
	<hr/>
	\$15,924.01
Balance, December 31, 1938.....	12,158.26
	<hr/>
	\$28,082.27

## GENERAL HIGHWAY FUND

January 1, 1938 - December 31, 1938

## Credits

Receipts, Auto Fees.....	\$3,557,859.56
Gas Tax.....	5,755,119.24
Refund Auto Fees.....	16,092.54
Auto Fines.....	29,793.64
Witness Fees.....	15.00
Penalties.....	150.00
Contingent Fund (Brownville-Millinocket).....	2,000.00
Refund—Limestone.....	11.18
Miscellaneous.....	1,808.08
Canceled checks Van Buren.....	\$854.94
Canceled Checks Limestone.....	9.00
Canceled Checks Sec. State.....	37.71
Sale Material (1936 Dyn.).....	11.08
Refund (1936) Third Class.....	19.02
Transf. Temporary charges	
9036 (1937).....	38.60
9030 (1937).....	150.00
9030 (1937).....	411.84
9030 (1938).....	150.00
9070 (1938).....	44.80
9030 (1936).....	66.34
9084 (1936).....	14.75
Transfer, amounts Lapsed	
C. W. A. Supplies Account.....	13.03
Special Resolves.....	35.41
Maint. S & S A H.....	152,348.55

Reimb. Compensation .....	24,000.00
State Aid .....	\$10,000.00
Third Class .....	11,000.00
Maint. Unimp. ....	3,000.00
Reimb. Spec. Resolves .....	12,000.00
(1937) .....	\$7,000.00
(1938) .....	5,000.00
Receipts, Unexpended Bal. Unregistered and Improperly Registered Motor Vehicles .....	12,542.81
Adjustments offset by Debit .....	217,803.38
Fort Fairfield .....	\$ 88.80
Adjustments 1937 .....	824.63
Bureau Accts. and Cont. ....	2,461.40
Maint. S & S A H. ....	200,000.00
Non-Resident Excise Tax .....	14,428.55
	<hr/>
	\$9,781,592.42
Overdraft, December 31, 1938. ....	1,122,897.91
	<hr/>
	\$10,904,490.33

#### Expenditures

Overdraft, January 1, 1938. ....	\$690,886.30
Interest on Bonds .....	906,777.50
Reserve to Retire Bonds .....	1,520,000.00
Refund Gas Tax .....	127.73
Refund Motor Vehicle Fees .....	18,702.41
Refund Auto Fines .....	12.67
Rebate Motor Vehicle Fees .....	2,989.06
Expenditures	
Limestone C. O. 898-1937 .....	1,020.18
Fort Kent C. O. 898-1937 .....	132.16
Van Buren C. O. 898-1937 .....	1,694.46
Newport C. O. 898-1937 .....	558.44
No. 17 R. 4 .....	9,905.85
Ashland C. O. 23-1938 .....	1,996.83
Houghton-Oquossoc .....	.80
Bureau Accounts and Control .....	63,034.80
Non-Resident Excise Tax .....	14,984.48
Transfer Bureau Accounts and Control offset by Credit. . .	
Transfer Advance Spec. Res. offset by Credit .....	
Transfer Brownville-Millinocket C.O. 660 offset by Credit .	2,000.00
Transfer State Aid	
Ashland, Com. Record .....	3,500.00
Ashland, C. O. 941 .....	3,135.00
St. Francis C. O. 982 .....	1,500.00
Transfer Temporary Charges offset by Credit .....	194.80
Transfer Fort Fairfield offset by Credit .....	88.80
Transfer Special Resolve rescinded .....	1.50
Transfer Adjustment offset by Credit .....	3,286.03



## STATE HIGHWAY COMMISSION

23

Transfer to Balance Accounts:	
Outdoor Advertising . . . . .	2,233.24
Motor Police . . . . .	5,718.00
Adm. and Rebate Gas Tax . . . . .	42,216.57
Adm. State Highway Com. . . . .	8,086.99
Maint. Motor Vehicle Dept. . . . .	11,684.30
Maint. Bridges . . . . .	6,123.88
Removal Snow . . . . .	30,479.69
Apportionments 1938-39:	
Administration, State Highway Com. . . . .	125,000.00
State Police . . . . .	270,000.00
and Rebate Gas Tax . . . . .	190,000.00
Motor Vehicle Dept. . . . .	130,000.00
Improvement State Roads (State Aid) . . . . .	850,000.00
Special Resolves . . . . .	150,000.00
Special Resolves (Special) . . . . .	68,300.00
Special Resolves North Haven-Vinalhaven . . . . .	3,689.31
Maintenance Bridges . . . . .	200,000.00
Maintenance Unimproved Roads . . . . .	200,000.00
Apportionments 1938-39:	
Third Class Construction . . . . .	670,000.00
Maint. S & S A H . . . . .	2,700,000.00
Offset by Credit . . . . .	200,000.00
Removal of Snow . . . . .	700,000.00
Compensation for Injuries . . . . .	75,000.00
Bridge Loan Fund . . . . .	400,000.00
Federal Highways . . . . .	275,000.00
Federal Secondary Highways . . . . .	250,000.00
Federal Grade Crossings . . . . .	75,000.00
	<hr/>
	\$10,901,490.33

RECAPITULATION 1938

	Adminis- tration	Engineer- ing	Super- vision	Adver- tising	Right of Way	Labor and Material	Miscella- neous	Sub Total	Miscel. Transfers	Totals
Highway Loan Construction		\$150,895.40		\$1,036.25	\$108,425.65	\$2,298,069.82		\$2,558,427.12	\$ 207.73	\$2,558,634.85
Bridge Loan Construction		96,890.21			14,501.60	451,497.37	\$15,798.20	578,687.38	328,497.93	907,185.31
Improvement State Roads J.F.			\$42,248.39		7,427.77	1,419,309.69		1,468,985.85	27,062.83	1,496,048.68
Third Class Highway			31,402.83		696.25	477,188.84		509,287.92	182,515.09	691,803.01
Special Resolves			5,527.10			159,345.21		164,872.31	105,890.10	270,762.41
Maintenance—State and State Aid Highways			90,029.66			2,718,469.45	7,922.19	2,816,421.30	362,348.55	3,178,769.85
Maintenance—Bridges		20,061.31				148,995.04		169,056.35		169,056.35
Removal Snow from Highways and Townways			47,769.46			1,055,883.30	1,676.63	1,105,329.39	1.23	1,105,330.62
Maintenance—Unimproved Roads			4,582.88			196,308.85		200,891.73	3,000.00	203,891.73
Motor Transport and Equipment							661,174.86	661,174.86		661,174.86
Carlton Bridge Account							22,875.23	22,875.23	6,981.48	29,856.71
Richmond-Dresden Bridge Acct.							5,455.89	5,455.89	229.16	5,685.05
Waldo-Hancock Bridge Acct.							14,781.65	14,781.65	15.35	14,797.00
Civil Works Administration Supply Account			24.99				8,561.62	8,586.61	13.03	8,599.64
Compensation for Injuries to Em- ployees							48,756.34	48,756.34		48,756.34
Highway Planning Survey							167,278.59	167,278.59		167,278.59
Federal Highway Roads									275,000.00	275,000.00
Federal Secondary Roads		48,090.38		743.61	2,822.99	458,869.57		510,526.55		510,526.55
Federal Grade Crossings		25,390.20		522.27	46,644.28	242,240.07		314,796.82		314,796.82
Administration—Highway Com.	\$134,795.30							134,795.30		134,795.30
Administration—State Police							297,704.73	297,704.73		297,704.73
Administration—Motor Vehicle Department							138,346.50	138,346.50		138,346.50
Administration & Rebates, Gas Tax							214,119.70	214,119.70		214,119.70
Administration Non-Resident Ex- cise Tax							9,245.40	9,245.40	14,428.55	23,673.95
Outdoor Advertising							11,095.24	11,095.24		11,095.24
Kittery-Portsmouth Bridge Au- thority		1,379.80						1,379.80		1,379.80
Gen. Highway Federal Allotment							75.59	75.59	318,768.78	318,844.37
General Highway Fund						15,308.72		15,308.72		15,308.72
Accrued Interest, Highway and Bridge Bonds							907,277.50	907,277.50		907,277.50
Accrued Interest, Carlton Bridge Bonds							22,840.00	22,840.00		22,840.00
Accrued Interest, Waldo-Hancock Bridge Bonds							36,000.00	36,000.00		36,000.00
Reserve to Retire Highway and Bridge Bonds							1,520,000.00	1,520,000.00		1,520,000.00
Reserve to Retire Carlton Bridge Bonds							206,000.00	206,000.00		206,000.00
	\$134,795.30	\$342,707.30	\$221,585.31	\$2,302.13	\$180,518.54	\$9,641,485.93	\$4,316,985.86	\$14,840,380.37	\$1,624,959.81	\$16,465,340.18

**EXPENDITURES UNDER FEDERAL GRANTS**

	Engineering	Labor and Material	Miscellaneous	Sub-Total	Miscellaneous Transfers	Totals
P. W. A. Construction Bridges 1936	\$3,692.04	\$85,813.74		\$89,505.78	\$1,995.21	\$ 91,500.99
P. W. A. Construction Bridges 1938	9,911.53	93,920.68		103,832.21	12.55	103,844.76
P. W. A. Southport Bridge	736.61			736.61		736.61
W. P. H.	22.50			22.50		22.50
W. P. S. S.		.05		.05	6,428.10	6,428.15
W. P. S. O.	1,075.29	17,328.16		18,403.45		18,403.45
W. P. M. H.		342.44		342.44	5,635.68	5,978.12
W. P. G. H.	5,589.43	101,755.03		107,344.46		107,344.46
W. P. G. M.	11.10	7,973.25		7,984.35		7,984.35
W. P. G. S.	1,210.26	19,088.63		20,298.89		20,298.89
W. P. F. R.	18,510.59	287,744.53		306,255.12		306,255.12
W. P. A. Trust Fund			\$289,292.22	289,292.22	6,154.53	295,446.75
N. R. M. 1934		764.45		764.45		764.45
N. R. H. 1935		74.34		74.34		74.34
N. R. S. 1935		85.22		85.22		85.22
N. R. Trust Fund			15,000.00	15,000.00	924.01	15,924.01
	\$40,759.35	\$614,890.52	\$304,292.22	\$959,942.09	\$21,150.08	\$981,092.17

Total, Administration	\$ 134,795.30	—	1.21%
Total, Engineering and Supervision	605,051.96	—	5.41%
Total, Advertising	2,302.13	—	0.03%
Total, Right of Way	180,518.94	—	1.60%
Total, Labor and Material	10,256,376.45	—	91.75%
	<b>\$11,179,044.78</b>		<b>100.00%</b>

**STATE HIGHWAYS****1938**

---

Brief descriptions of State Highway and Federal Aid Projects have been prepared in cases where some mileage of road has been constructed, in order to show the location, length and type of road.

Work on many of these projects, including surveys, plans and construction, extends over a period of two or more years, and for this reason, it is necessary to consult more than one annual report in order to determine the length and total cost. Expenditures in any one year are seldom comparable with the mileage reported for that year.

In the table, the expenditures are sub-divided to show the cost of advertising, engineering, right of way expenses, and labor and material.

**ANDROSCOGGIN COUNTY****STATE HIGHWAY "E"**

**Auburn---Federal Aid Project No. 13.** This project begins at the New Gloucester town line and extends northerly to U.S.P.W. Project No. NRM 13. The work consists of widening, reducing curvature, and constructing a new surface over the original F. A. Project No. 13. Length of project 1.06 miles of which 0.22 miles was reported in 1937, the remaining 0.84 miles completed in 1938. Type of surface, bituminous concrete (mac-asphalt specification). Width of surface 22 feet; shoulders, 3 feet. Contractor, The Bridge Construction Corporation of Augusta, Maine.

**Federal Aid Project No. 13-C.** This project begins at the end of U.S.P.W. Project No. NRM 13 and extends northerly 0.60 miles over new location, a concrete approach of 0.09 miles was constructed over Project No. NRM 13 to meet this project. The equivalent of 0.44 miles is reported for 1938. The remaining NRH funds of \$6,550.03 were used in this project.

**Federal Aid Project No. 13-D.** This project starts at the end of F. A. Project No. 13-C and extends northeasterly for 1.78 miles and ends 0.10 miles westerly from the Little Androscoggin River. This work consists of widening, and new location. The equivalent of 1.32 miles is reported for 1938. Both F. A. Projects No. 13 C and D were awarded as one contract. Type of surface, concrete. Width of surface 22 feet; shoulders, 3 feet. Contractor, Coleman Bros. Corporation of Boston, Massachusetts.

**STATE HIGHWAY "F"**

**Turner---Federal Aid Project No. 95-C.** This is a road-side improvement project. The work was started in 1937 and completed in 1938. This work was done under the supervision of E. S. Henderson.

**AROOSTOOK COUNTY****STATE HIGHWAY "K"**

**Houlton---Federal Aid Project No. 24.** This project begins 2400 feet north of the intersection of Routes U. S. 1 and U. S. 2 and extends northerly to the Littleton town line. This work consists of the reconstruction of the original Federal Aid Project No. 24 and a short section of State Aid. Type of surface, 3" bituminous macadam (emulsified asphalt method) on a crushed stone base. Width of surface, 20 feet; shoulders, 3 feet. Total length of project is 3.53 miles, of which 1.75 miles was reported in 1937 and the remaining 1.78 miles in 1938. Contractor, The Bridge Construction Corporation of Augusta, Maine.

**Littleton---Federal Aid Project No. 25 (3).** This project begins at the Houlton line and extends northerly. This work consists of the reconstruction of part of the original F. A. Project No. 25. Type of surface, bituminous macadam (emulsified asphalt method) 3" surface on a crushed stone base. Width of surface, 20 feet; shoulders, 3 feet. Total length of project 4.70 miles, the equivalent of 2.35 miles is reported for 1938. Contractor, W. H. Hinman, Inc., of North Anson, Maine.

**Federal Aid Project No. 25 (4).** This project begins at the end of F. A. Project No. 25 (3) and extends northerly to the Monticello town line. The work consists of the reconstruction of part of the original F. A. Project No. 25 and surfacing U.S.P.W. Project No. W.P.G.H. 25. Type of surface, 3" bituminous macadam (emulsified asphalt method) on a 5" crushed stone base. Width of surface, 20 feet; shoulders, 3 feet. Total length of the project is 1.81 miles. The equivalent of 0.45 miles is reported for 1938. Contractor, The Bridge Construction Corporation of Augusta, Maine.

**Monticello---Federal Aid Project No. 298-C.** This project begins at the end of Federal Aid Project No. 298-B and extends northerly over new location to eliminate several sharp curves. 0.53 miles was reported in 1937 and 0.15 miles in 1938. Total length of project, 0.68 miles. Type of surface, bituminous treated gravel. Width of surface, 20 feet; shoulders, 3 feet. Contractor, Herbert Sargent of Stillwater, Maine.

## CUMBERLAND COUNTY

### STATE HIGHWAY "A"

**Scarboro---Federal Aid Project No. 118-A (2).** This project begins at Station 9 + 94 of the original F. A. Project No. 118-A, 1.03 miles easterly from the Saco line and extends easterly 1.80 miles. This work consists of widening part of the original F.A. Project No. 118-A. The equivalent of 0.14 miles is reported in 1938. Type of surface, concrete and 3" bituminous macadam (emulsified asphalt method) for a distance of 0.71 miles over the Scarboro marsh. Width of widened surface, 12 feet. Total width, 42 feet. Shoulders, 3 feet.

**Federal Aid Project No. 118-B (2).** This project begins at the end of F. A. Project 118-A (2) and extends easterly to the South Portland line. This work also consists of widening the original F. A. Project No. 118-B. Total length of project, 3.27 miles. The equivalent of 0.42 miles is reported for 1938. Type of surface, concrete. Width of widened surface, 12 feet. Total width, 42 feet. Shoulders, 3 feet. Both F. A. Projects No. 118-A (2) and 118-B (2) were let as one contract to the Lane Construction Corporation of Meriden, Connecticut.

### STATE HIGHWAY "B"

**Windham---Federal Aid Project No. 27.** This project begins at the end of the first section of F. A. Project No. 27, 0.60 miles from the Westbrook line and extends northerly 3.71 miles to Foster's Corner. The equivalent of 1.61 miles was reported in 1937 and the remaining 2.10 miles in 1938. This work consists of resurfacing part of the original F. A. Project No. 27. Type of surface, 2" bituminous concrete (Warcelite specifications) on a bituminous concrete base. Width of surface, 22 feet. Shoulders, 3 feet. Contractor, W. H. Hinman, Inc., of North Anson, Maine, and Warren Bros. Roads Co. of Cambridge, Massachusetts.

**Federal Aid Project No. 27 (2).** This project begins at Foster's Corner at the end of the second section of F. A. Project No. 27 and extends northerly. This work consists of resurfacing part of the original F. A. Project No. 27 and was completed in 1938. Type of surface, 2" bituminous concrete (macasphalt method) on a bituminous concrete base. Width of surface, 22 feet. Shoulders, 3 feet. Length of Project 1.85 miles. Contractor, The Bridge Construction Corporation of Augusta, Maine.

**Bridgton---Federal Aid Project No. 130-C.** This is a roadside improvement project on part of F. A. Project No. 130-C. This work was started in 1937 and completed in 1938. The work was done under the supervision of Thomas Calcagni.

**STATE HIGHWAY "C"**

**Freeport---Federal Aid Project No. 121-E.** This project is located 3.24 miles easterly from the Yarmouth town line and extends easterly over the Maine Central Railroad tracks. This project consists of surfacing U.S.P.W. Project No. W.P.G.H. 121-E. The total length of this project is 0.43 miles and was completed in 1938. Type of surface, concrete. Width of surface, 32 feet. Shoulders, 3 feet, with bituminous treatment. Contractor, the Lane Construction Corp., of Meriden, Connecticut.

**Brunswick---Federal Aid Project No. 116-G.** This project begins at the end of F. A. Project No. 116-E at Cook's Crossing and extends easterly via the new designated "State Highway C-1" to a point about 200 feet east of the junction of Court Street and Western Avenue in the city of Bath. Total length of this project is 4.95 miles of which 2.64 miles is in Brunswick, 2.04 miles in West Bath and 0.27 miles is in Bath. 2.34 miles in Brunswick was reported in 1937 and the remaining 0.30 miles in 1938. The project includes a dam with spillway and bridge across the New Meadows River. Type of surface, bituminous treated gravel. Width of surface, 22 feet. Shoulders, 6 feet. Contractor, Hendrickson Bros., Inc., of Valley Stream, New York.

**Brunswick---Federal Aid Project No. 121-D.** This work consists of a Pit Scale Station with approaches between Station 163+50 and 169+50 of the original F. A. Project No. 121-D. Total length of project 0.114 miles which was completed in 1938. (This mileage is not added to the State Highway System.) Contractor, the Bridge Construction Corporation of Augusta, Maine.

**STATE HIGHWAY "E"**

**New Gloucester---Federal Aid Project No. 12.** This project completes the remaining part of the original F. A. Project No. 12. The total length is 6.05 miles. This work consists of widening the existing pavement, in part with a reinforced concrete pavement and in part with a bituminous concrete base. Where the location is changed to improve alignment, a reinforced concrete base is constructed. Except those sections where the pavement is widened with a reinforced concrete pavement, the existing pavement and the additional base is surfaced with a 2" bituminous concrete surface (macasphalt specifications). 0.24 miles of concrete pavement and 0.75 miles of bituminous concrete pavement was reported in 1937. 1.30 miles of bituminous concrete and 3.76 miles of concrete is reported in 1938—this completes the project. Width of surface, 22 feet. Shoulders, 3 feet. Contractor, the Bridge Construction Corporation of Augusta, Maine.

**Gray---Federal Aid Project No. 11 (1) and 11 (2).** This is a roadside improvement project on F. A. Project No. 11 and was started in 1938, planting to be done in 1939. This work was done under the supervision of Thomas Calcagni.

**New Gloucester---Federal Aid Project No. 12.** This is roadside improvement project on F. A. Project No. 12. This project was started in 1938 and the planting is to be done in 1939. Thomas Calcagni was in charge of this work.

**Gray---Federal Aid Project No. 11.** This work consists of a Pit Scale Station and approaches between Station 579+20 and 587+04 of the original F. A. Project No. 11. Total length of project, 0.148 miles, which was completed in 1938. (This mileage is not added to the State Highway System.) Contractor, C. C. Smith Co. Inc., of Cambridge, Massachusetts.

### PEQUAKET TRAIL

**Baldwin---Federal Aid Project No. F.A.G.S. 344-B.** This project begins 0.25 miles from the Standish town line and extends westerly for a distance of 1.65 miles. This work is over new location and eliminates two railroad grade crossings from the State Highway System. Included in this construction is a new concrete bridge over Quaker Brook Stream. This project was completed in 1938. Type of surface, bituminous treated gravel. Width of surface, 20 feet. Shoulders, 3 feet. Contractor, W. H. Hinman, Inc., of North Anson, Maine.

### FRANKLIN COUNTY

#### STATE HIGHWAY "F"

**Wilton---Federal Aid Project No. 18.** This project begins at East Wilton and extends to the Farmington line. The work consists of the reconstruction of part of the original F. A. Project No. 18. Length of project 0.96 miles of which 0.56 miles was reported in 1937 and the remaining 0.40 miles in 1938. Type of surface, bituminous treated gravel. Width of surface, 20 feet. Shoulders, 3 feet. Contractor, Thomas W. Watkins & Son, Inc., of Amesbury, Massachusetts.

**Farmington---Federal Aid Project No. 19.** This project begins at the Wilton-Farmington town line and extends north-easterly. The work consists of the reconstruction of part of the original F. A. Project No. 18. Total length of project is 0.94 miles. 0.54 miles was reported in 1937 and the remaining 0.40 miles in 1938. Type of surface, bituminous treated gravel. Width of surface, 20 feet. Shoulders, 3 feet. Contractor, Thomas W. Watkins & Son, Inc., of Amesbury, Massachusetts.



**Federal Aid Project No. 19 (2).** This project begins at Station 323 + 32.5 of the original F. A. Project No. 19 and extends northerly 0.56 miles to Temple Stream. This work consists of the reconstruction of part of the original F. A. Project No. 19 and an extension of 453 feet on the northerly end of the original F. A. Project No. 19. Type of surface, bituminous treated gravel. Width of surface, 20 feet. Shoulders, 3 feet. This work was completed in 1938. Contractor, Charles E. Horne of Millbury, Massachusetts.

**Madrid, Letter E Plantation, Sandy River---Federal Aid Project No. 146-E.** This project starts at the end of F. A. Project No. N.R.H. 146-A and extends westerly 1.38 miles to Letter E Plantation, 0.93 miles to the Sandy River line and 0.59 miles in Sandy River to the beginning of NRH project 146-C. Total length of project, 2.90 miles. This work consists of improving alignment and reducing curves. The equivalent of 1.23 miles is reported in Madrid for 1938, 0.83 miles in Letter E Plantation and 0.53 miles in Sandy River. Type of surface, bituminous treated gravel. Width of surface, 20 feet. Shoulders, 3 feet. Contractor, W. H. Hinman, Inc., of North Anson, Maine.

**Sandy River---Federal Aid Project No. 146-F (1).** This project begins at the end of U.S.P.W. Project NRH No. 146-A and extends westerly for 1.27 miles. This work consists mostly of new location of which 0.10 miles is reported in 1938. Type of surface, bituminous treated gravel. Width of surface, 20 feet. Shoulders, 3 feet. Contractor, W. H. Hinman Inc., of North Anson, Maine.

### HANCOCK COUNTY STATE HIGHWAY "Y"

**Bucksport---Federal Aid Project No. 91-A.** This project begins at the end of the first section of F. A. Project No. 91-A and extends southerly for 1.66 miles and consists of the reconstruction of part of the original F. A. Project No. 91-A. 1.03 miles was reported in 1937 and the balance of 0.63 miles is reported in 1938. Type of surface, 3" bituminous macadam (emulsified asphalt method). Width of surface, 20 feet. Shoulders, 3 feet. Contractor, The Bridge Construction Corp. of Augusta, Maine.

**Federal Aid Project No. 91-B (1).** This project begins at the Orrington town line and extends southerly for a distance of 1.18 miles. This project consists of the reconstruction of a section of State Aid highway and a section of the original state highway. The equivalent of 0.70 miles is reported in 1938. Type of surface, 3" bituminous macadam (emulsified asphalt method) over a crushed stone base. Width of surface, 20 feet. Shoulders, 3 feet. Contractor, W. H. Hinman, Inc., of North Anson, Maine.

**KENNEBEC COUNTY**  
**STATE HIGHWAY "G"**

**Oakland---Federal Aid Project No. 22.** This project is located at the northerly end of the original F. A. Project No. 22. It is built on new location and together with U. S. Works Program Grade Crossing Project No. W.P.G.H. 22 provides for the elimination of a grade crossing of the Maine Central Railroad. Type of surface, bituminous macadam (emulsified asphalt method). Width of surface, 20 feet. Shoulders, 3 feet. Total length of project 0.53 miles of which 0.06 miles was reported in 1937 and 0.47 miles in 1938. Contractor, The Bridge Construction Corporation of Augusta, Maine.

**STATE HIGHWAY "H"**

**Vassalboro---Federal Aid Project No. 3 (4).** This project begins about 4.80 miles northerly from the Augusta town line and extends northerly 4.49 miles to the Winslow town line. This work consists of the reconstruction of part of the original Federal Aid Project No. 3 of which a considerable distance is over new location. Type of surface, bituminous treated gravel. Width of surface, 22 feet. Shoulders, 3 feet. The equivalent of 2.56 miles is reported in 1938. Contractor, The Bridge Construction Corporation of Augusta, Maine.

**STATE HIGHWAY "P"**

**Augusta---Federal Aid Project No. 296-C.** This project starts at the end of F. A. Project No. 296-B and extends easterly to Togus. This work consists of new construction over old State Aid work. Type of surface, bituminous treated gravel. Width of surface, 20 feet. Shoulders, 3 feet. Total length of project 2.04 miles of which 1.70 miles was reported in 1937 and the remaining 0.34 miles in 1938. Contractor, The Bridge Construction Corporation of Augusta, Maine.

**KNOX COUNTY**  
**STATE HIGHWAY "D-4"**

**St. George---Federal Aid Project No. 371-A.** This project begins about 1.75 miles from the South Thomaston town line and extends southerly. Total length 1.95 miles of which 1.50 miles was reported in 1937 and 0.45 miles in 1938. Type of surface, bituminous treated gravel. Width of surface, 20 feet. Shoulders, 3 feet. Contractor, W. H. Hinman, Inc., of North Anson, Maine.

**Federal Aid Projection No. 371-B (1).** This project begins at the end of F. A. Project No. 371-A and extends south-erly for 1.16 miles. The equivalent of 0.35 miles is reported in 1938. Type of surface, bituminous treated gravel. Width of surface, 20 feet. Shoulders, 3 feet. Contractor, W. H. Hinman, Inc., of North Anson, Maine.

### LINCOLN COUNTY STATE HIGHWAY "D"

**Waldoboro---Federal Aid Project No. 117-H.** This project begins at Station 771+00 the end of the section surfaced in 1937 and extends westerly 1.05 miles to the Nobleboro town line. This work consists of a 2" bituminous concrete surface (mac-asphalt specification) over a bituminous concrete base. This project was completed in 1938. Type of surface, bituminous concrete. Width of surface, 20 feet. Shoulders, 3 feet. Con-tractor, The Lane Construction Corporation of Meriden, Con-necticut.

**Federal Aid Project No. 117-H.** This is roadside im-provement project, part of F. A. Project No. 117-H. This work was started in 1938 and the planting to be done in 1939. Thomas Calcagni has supervision of this work.

**Nobleboro---Federal Aid Project No. 117-F.** This project begins 0.15 miles westerly from the Waldoboro line and extends easterly to the Waldoboro line which is the end of F. A. Project No. 117-H. This work consists of resurfacing part of the original F. A. Project No. 117-F. Type of surface, 2" bituminous con-crete (macasphalt specification) over a bituminous concrete base. Width of surface, 20 feet. Shoulders, 3 feet. Total length of the project is 0.15 miles which is reported completed in 1938. Contractor, The Lane Construction Corporation of Meriden, Connecticut.

### OXFORD COUNTY STATE HIGHWAY "B"

**Fryeburg---Federal Aid Project No. 130-D.** This project begins at the end of Federal Aid Project No. NRH 130-B and extends easterly. This work consists of the reconstruction of old state highway. Type of surface, bituminous treated gravel. Width of surface, 20 feet. Shoulders, 3 feet. Total length 1.12 miles all of which is reported in 1938. Contractor, Hagan-Thibodeau Construction Co. of Wolfeboro, New Hampshire.

**Federal Aid Project No. 130-C.** This is a roadside improvement project on part of F. A. Project No. 130-C. This work was started in 1937 and the planting was done in 1938. This work was under the supervision of Thomas Calcagni.

### STATE HIGHWAY "O-1"

#### **Rumford and Peru---Federal Aid Project No. 302-B.**

This project begins at the end of U.S.P.W. Highway Project No. WPSS 302 and extends easterly to State Highway "O" near Dixfield Station. Total length of the project 2.22 miles of which 1.09 miles is in Rumford and 1.13 miles is in Peru. In 1937, 0.49 miles was reported in Rumford and 0.50 miles in Peru. The remaining 0.60 miles in Rumford and 0.63 miles in Peru is reported in 1938. Type of surface, bituminous treated gravel. Width of surface, 20 feet. Shoulders, 3 feet. Contractor, Wyman and Simpson, Inc., of Augusta, Maine.

### STATE HIGHWAY "S"

#### **Greenwood and Bethel---Federal Aid Project No. 93-G**

(1). This project begins at the end of F. A. Project No. 93-E and extends westerly to F. A. Project No. 93-D. This work consists of about 0.72 miles of new location in Greenwood and the reconstruction of old State highway and a small piece of State Aid road. Total length of project 1.50 miles of which 1.41 miles is in Greenwood and 0.09 miles in Bethel. The equivalent of 0.51 miles in Greenwood and 0.06 miles in Bethel is reported in 1938. Type of surface, 3" bituminous macadam (emulsified asphalt method). Width, 20 feet. Shoulders, 3 feet. Contractor, Hagan-Thibodeau Construction Co. of Wolfeboro, N. H.

**Oxford---Federal Aid Project No. 34.** This is a roadside improvement project on part of U.S.P.W. Project No. 34. This work was started in 1937 and finished in 1938. The work was under the supervision of Thomas Calcagni.

#### **Woodstock and Greenwood---Federal Aid Project No.**

**93-E.** This is a roadside improvement project over part of F. A. Project 93-E. This work was started in 1938 and the planting is to be done in 1939. This work was under the supervision of Thomas Calcagni.

## PENOBSCOT COUNTY

### STATE HIGHWAY "K"

#### **Bangor and Veazie---Federal Aid Project No 42 (4).**

This project begins at the beginning of the original F. A. Project No. 42 in Bangor and extends easterly to the beginning of NRH Project No. 42. This work consists of the widening and reconstruction of the original F. A. Project No. 42. Total length of project 2.54 miles of which 1.68 miles is in Bangor and 0.86 miles is in Veazie. The equivalent of 1.10 miles in Bangor and the total mileage of 0.86 in Veazie is reported in 1938. Type of surface, 2" bituminous concrete (macasphalt specification). Width of surface, 22 feet. Shoulders, 3 feet. Contractor, The Lane Construction Corporation of Meriden, Connecticut.

**Milford---Federal Aid Project No. 48.** This project begins at the end of the concrete and extends northerly to the Greenbush line. This work consists of the reconstruction of part of the original F. A. Project No. 48, the widening of two bridges and the construction of two trestles. Total length of project 4.12 miles of which all is reported in 1938. Type of surface, bituminous treated gravel. Width of surface, 20 feet. Shoulders, 3 feet. Contractor, H. L. Goodrich of Palmyra, Maine, and H. E. Sargent of Stillwater, Maine.

**Greenbush---Federal Aid Project No. 49.** This project begins at the Milford line and extends northerly 0.42 miles. This work consists of the reconstruction of part of the original F. A. Project No. 49. Total length 0.42 miles all of which is reported in 1938. In August 1938 another section **Federal Aid Project No. 49 (2)** was awarded. This is a continuation of the reconstruction of the old F. A. Project No. 49 and extends northerly for 4.06 miles. Part of this is over new location and it also includes the building of a trestle over Boom Brook. The equivalent of 1.26 miles is reported in 1938. Type of surface, bituminous treated gravel. Width of surface, 20 feet. Shoulders, 3 feet. Contractor, H. L. Goodrich of Palmyra, Maine, and H. E. Sargent of Stillwater, Maine.

**Mattawamkeag---Federal Aid Project No. 297-C.** This project begins about 1.50 miles north of Mattawamkeag Village and extends northerly to the Aroostook County line. Length of project 3.06 miles of which 2.56 miles is reported in 1937 and 0.50 miles in 1938. Type of surface, bituminous treated gravel. Width of surface, 20 feet. Shoulders, 3 feet. Contractor, Carlo Bianchi & Co. Inc. of Framingham, Massachusetts.

## PISCATAQUIS COUNTY

### STATE HIGHWAY "J"

**Dover-Foxcroft---Federal Aid Project No. 134-F.** This project begins at the end of F. A. Project No. 134-D and extends southerly to the 1937 construction. Type of surface, bituminous treated gravel. Width of surface, 20 feet. Length, 1.42 miles. Shoulders, 3 feet. Contractor, J. R. Cianchette & Co. of Pittsfield, Maine.

## SAGADAHOC COUNTY

### STATE HIGHWAY "C-1"

**West Bath and Bath---Federal Aid Project No. 116-G.** This project begins at the end of F. A. Project No. 116-E at Cooks Crossing and extends easterly via the new designated highway "C-1" to a point about 200 feet east of the junction of Court Street and Western Avenue in the City of Bath. Total

length of project is 4.95 miles of which 2.64 miles is in Brunswick, 2.04 miles in West Bath and 0.27 miles in Bath. The equivalent of 1.80 miles was reported in 1937 and 0.24 miles in 1938 in West Bath and 0.24 miles in 1937, and 0.03 miles in 1938 in Bath. Type of surface, bituminous treated gravel. Width of surface, 22 feet. Shoulders, 6 feet. Contractor, Hendrickson Bros. Inc. of Valley Stream, New York.

### STATE HIGHWAY "Q and Q-1"

**Topsham and Bowdoin---Federal Aid Project No. 1.** This project begins at the end of F. A. Project No. E-1-A and extends northerly to F. A. Project No. 1-B. The part south of Fulton's Corner is on State Highway "Q" and consists of the reconstruction of a part of the original F. A. Project No. 1. The balance of the project is on State Highway "Q-1" and consists of the reconstruction of a State Aid road. Total length of project is 2.17 miles of which 0.29 miles is on State Highway "Q" in Topsham, 0.07 miles was reported in 1937 and 0.22 miles in 1938. Total in Bowdoin, State Highway "Q" is 1.18 miles, 0.28 miles was reported in 1937 and 0.90 miles in 1938. State Highway "Q-1" Bowdoin, total mileage 0.70 miles of which 0.16 miles was reported in 1937 and 0.54 miles in 1938. Type of surface, concrete. Width of surface, 20 feet. Shoulders, 3 feet. Contractor, The Lane Construction Corporation of Meriden, Connecticut.

## SOMERSET COUNTY

### STATE HIGHWAY "H"

**Norridgewock---Federal Aid Project No. 152-D.** This project begins about 770 feet south of Storer Brook and extends northerly over new location to improve the existing alignment. Length of project, 0.34 miles of which 0.30 miles was reported in 1937 and 0.04 miles in 1938. Type of surface, bituminous treated gravel. Width of surface, 20 feet. Shoulders, 3 feet. Contractor, Ralph Giovannucci of Pittsfield, Maine.

### STATE HIGHWAY "H-I"

**Canaan and Pittsfield---Federal Aid Project No. 120-H (1).** This project begins 0.54 miles west of the Canaan-Pittsfield town line and extends easterly to the beginning of F. A. Project No. 120-B. This project consists of new location and a trestle over Sibley Pond 0.15 miles in length. Total length of project 0.66 miles of which 0.54 miles is in Canaan and 0.12 miles in Pittsfield. The equivalent of 0.21 miles is reported in Canaan for 1938.

Type of surface, bituminous treated gravel (2" bituminous concrete, cold asphaltic method over the trestle). Width of surface, 20 feet. Shoulders, 3 feet. Contractor, Vulcan Construction Co. of Boston, Massachusetts.

**Skowhegan---Federal Aid Projects No. 120-F and G.**

These are roadside improvement projects on F. A. Projects No. 120-F and part of 120-G. Planting of these projects will be done in 1939. This work is under the supervision of Fred Davis.

**STATE HIGHWAY "H-3"**

**Madison---Federal Aid Project No. 369-B.** This project begins at the end of F. A. Project No. 369-A and extends northerly to Lakewood. Total length of project, 2.58 miles of which 1.68 miles was reported in 1937 and 0.90 miles in 1938. Type of surface, bituminous treated gravel. Width of surface, 20 feet. Shoulders, 3 feet. Contractor, Ralph E. Bull of Fitchburg, Massachusetts.

**WALDO COUNTY****STATE HIGHWAY "D"**

**Northport---Federal Aid Project No. 104-B.** This project is the reconstruction of the original F. A. Project No. 104-B at Saturday Cove. Total length of project, 0.49 miles of which 0.23 miles was reported in 1937 and 0.26 miles in 1938. Type of surface, bituminous treated gravel. Width of pavement, 20 feet. Shoulders, 3 feet. Contractor, J. R. Cianchette & Co. of Pittsfield, Maine.

**Federal Aid Project No. 104-I.** This project begins at the northerly end of F. A. Project No. 104-H and extends northerly to F. A. Project No. 104-B. It also extends northerly from the end of F. A. Project 104-B. Total length of project, 2.04 miles of which 1.40 miles was reported in 1937 and the remaining 0.64 miles in 1938. Type of surface, bituminous treated gravel. Width of surface, 20 feet. Shoulders, 3 feet. Contractor, J. R. Cianchette & Co. of Pittsfield, Maine.

**Federal Aid Project No. 68.** This project begins at the end of F. A. Project No. 104-I and extends northerly, partly over new location to Station 27+58 of the original F. A. Project No. 68. Total length of project, 2.17 miles of which the total mileage is reported in 1938. Type of surface, bituminous treated gravel. Width of surface, 20 feet. Shoulders, 3 feet. Contractor, Charles E. Horne of Millbury, Mass.

**STATE HIGHWAY "L"**

**Frankfort---Federal Aid Project No. 84-A (2).** This project begins at Station 74+00 of the old F. A. Project No. 84-A and extends northerly 0.53 miles. This work consists of the reconstruction of part of the original F. A. Project No. 84-A. Type of surface, bituminous treated gravel. Width of surface, 20 feet. Shoulders, 3 feet. The equivalent of 0.19 miles is reported in 1938. Contractor, W. H. Hinman, Inc., of North Anson, Maine.

## WASHINGTON COUNTY

## STATE HIGHWAY "N"

**Columbia Falls---Federal Aid Project No. 367-B (1).**

This project begins at the Columbia town line and extends easterly to within 800 feet of the bridge over Pleasant River. This project of 0.88 miles consists of the reconstruction of a State highway and was all completed in 1938. Type of surface, bituminous treated gravel. Width of surface, 20 feet. Shoulders, 3 feet. Contractor, J. R. Cianchette & Co. of Pittsfield, Maine.

**East Machias---Federal Aid Project No. 99-J (1).**

This project begins about 3.60 miles easterly from the Machias line and extends easterly 1.13 miles. This work consists of the reconstruction of a State Aid road and is reported all completed in 1938. Type of surface, bituminous treated gravel. Width of surface, 20 feet. Shoulders, 3 feet. Contractor, Rome Construction Co. Inc. of Holden, Mass.

**Whiting and Edmunds---Federal Aid Project No. 123-C.**

This project begins 0.52 miles west of the Whiting-Edmunds town line and extends easterly to F. A. Project No. 123-B. Total length of project is 1.93 miles of which 0.52 miles is in Whiting and 1.41 miles is in Edmunds. In Whiting 0.30 miles was reported in 1937 and 0.22 miles in 1938. In Edmunds 0.90 miles was reported in 1937 and 0.51 miles in 1938. Type of surface, bituminous treated gravel. Width of surface, 20 feet. Shoulders, 3 feet. Contractor, Rome Construction Co. Inc. of Holden, Massachusetts.

**Dennysville-Pembroke---Federal Aid Project No. 123-D.**

This project begins 0.63 miles west of the Dennysville-Pembroke town line and extends easterly. Total length of project 1.14 miles of which 0.63 miles is in Dennysville and 0.51 miles is in Pembroke. In Dennysville 0.53 miles was reported in 1937 and 0.10 miles in 1938. In Pembroke 0.41 miles was reported in 1937 and 0.10 miles in 1938. Type of surface, bituminous treated gravel. Width of surface, 20 feet. Shoulders, 3 feet. Contractor, The Bridge Construction Corporation of August, Maine.

**Pembroke---Federal Aid Project No. 123-E (1).**

This project begins 3.10 miles from the Dennysville-Pembroke town line and extends easterly to the Pennamquam River. Total length of project, 0.38 miles all of which is reported in 1938. Type of surface, bituminous treated gravel. Width of surface, 20 feet. Shoulders, 3 feet. Contractor, Rome Construction Co. Inc. of Holden, Massachusetts.

**Cherryfield-Milbridge and Harrington---Federal Aid Project No. F.A.G.H. 367-A (1).** This project begins at the Narraguagus River and extends easterly until it meets the present



highway in Harrington. This is a Federal Aid Grade Crossing Highway Project and eliminates two railroad crossings over the Maine Central Railroad from the State Highway System. This project is over new location. Total length 4.32 miles of which 1.39 miles is in Cherryfield, 2.22 miles in Milbridge and 0.71 miles in Harrington. The equivalent of 1.10 miles is reported in Cherryfield, 1.75 miles in Milbridge and 0.56 miles in Harrington for 1938. Type of surface, bituminous treated gravel. Width of surface, 20 feet. Shoulders, 3 feet. Contractor, J. R. Cianchette & Co. of Pittsfield, Maine.

## YORK COUNTY

### STATE HIGHWAY "A"

**York---Federal Aid Project No. 87-A.** This project consists of widening and some relocation of the westerly end of the original F. A. Project No. 87-A. Length of the construction is 2.57 miles. The equivalent of 0.45 miles was reported in 1937 and the remaining 2.12 miles in 1938. Type of surface, concrete. Width of surface, widening 11 feet each side (relocation 47 feet). Shoulders, 3 feet. Contractor, Carlo Bianchi & Co. Inc. of Framingham, Massachusetts.

**Federal Aid Project No. 87-A(2).** This project continues from the end of the first section of F. A. Project No. 87-A easterly for 0.46 miles. This work consists of widening and some relocation of a part of the original F. A. Project No. 87-A. This project is reported completed in 1938. Type of surface, concrete. Width of surface, 11 foot widening each side (relocation 47 feet). Shoulders, 3 feet. Contractor, Wyman & Simpson, Inc. of Augusta, Maine.

### STATE HIGHWAY "A-2"

**Sanford---Federal Aid Project No. 294-D.** This project begins at the end of F. A. Project No. 294-C and extends westerly to within 1.52 miles of the junction point of State Highways "U" and "A-2." This work consists of the reconstruction of old State Aid work and some relocation. Total length of the project 2.55 miles all of which is reported in 1938. Type of surface, 3" bituminous macadam (emulsified asphalt method). Width of surface, 20 feet. Shoulders, 3 feet. Contractor, Thomas W. Watkins & Son Inc., of Amesbury, Mass.

**Wells---Federal Aid Projects No. 294-A and B.** These are roadside improvement projects and are on F. A. Projects No. 294-A and part of 294-B. This work was started in 1937 and finished in 1938. Thomas Calcagni was in charge of the work.

## STATE HIGHWAY SUMMARY

1914 to 1938 Inclusive

With Corrections Due to Reconstruction 1925 to 1938 Inclusive

Type	Original Constructed Mileage	Reconstruction Mileage		Net Mileage
		Add	Deduct	
Gravel.....	1,184.33	96.01	271.53 (1)	1,008.76
Macadam.....	2.10		2.10	
Sand Clay.....	6.75		6.75	
Gravel and Macadam.....	6.68		6.68	
Bituminous Macadam.....	336.40	128.56	55.59	409.37
Bituminous Concrete.....	5.35	48.65		54.00
Concrete.....	132.69	135.88	41.93	226.64
	1,674.30	409.10	384.63	1,698.77

(1) Includes 0.89 Miles replaced by State Aid Construction and 0.09 Miles replaced by F.A.S. Construction.

The above Table includes N.R.A. and U.S.P.W. Projects as follows:

Type	Original Constructed Mileage	Reconstruction Mileage		Net Mileage
		Add	Deduct	
Gravel.....	52.90	9.91	37.85	24.96
Bituminous Macadam.....	16.36	21.34	4.80	32.90
Bituminous Concrete.....	3.96	7.98		11.94
Concrete.....	6.54	3.61	10.38	-0.23
	79.76	42.84	53.03	69.57

## STATE HIGHWAYS

## Mileage by Counties---1914 to 1938 Inclusive

County	Original Constructed Mileage	Reconstruction Mileage		Net Mileage
		Add	Deduct	
Androscoggin.....	87.68	23.70	24.76	86.62
Aroostook.....	191.86	37.16	38.55	190.47
Cumberland.....	146.90	62.52	64.50	144.92
Franklin.....	76.29	8.95	9.74	75.50
Hancock.....	89.63	30.89	28.34	92.18
Kennebec.....	131.79	33.73	32.89	132.63
Knox.....	41.47	20.72	12.34	49.85
Lincoln.....	66.38	26.05	26.01	66.42
Oxford.....	99.43	14.70	14.83	99.30
Penobscot.....	167.08	39.86	34.79	172.15
Piscataquis.....	69.37	9.41	9.43	69.35
Sagadahoc.....	47.52	20.61	22.14	45.99
Somerset.....	148.21	25.55	27.76	146.00
Waldo.....	78.17	14.21	15.01	77.37
Washington.....	111.36	8.91	10.94	109.33
York.....	121.16	32.13	12.60	140.69
	1,674.30	409.10	384.63	1,698.77

**STATE HIGHWAYS---1938**  
**Construction and Reconstruction--Federal Aid Projects**

County	Highway	Town	Type	Length Miles
Androscoggin	"E"	Auburn	Bituminous Concrete	0.84
	"E"	Auburn	Concrete	0.09
	"E"	Auburn	Concrete	1.76
Aroostook	"K"	Houlton	Bituminous Macadam	1.78
	"K"	Littleton	Bituminous Macadam	2.80
	"K"	Monticello	Gravel	0.15
Cumberland	"A"	Scarboro	Concrete	0.56
	"B"	Windham	Bituminous Concrete	3.95
	"C"	Freeport	Concrete	0.43
	"C-1"	Brunswick	Gravel	0.30
	"E"	New Gloucester	Bituminous Concrete	1.30
	"E"	New Gloucester	Concrete	3.76
	"Pequaket Trail"	Baldwin	Gravel	1.65
Franklin	"F"	Wilton	Gravel	0.40
	"F"	Farmington	Gravel	0.96
	"F"	Madrid	Gravel	1.23
	"F"	Letter E	Gravel	0.83
	"F"	Sandy River	Gravel	0.63
Hancock	"Y"	Bucksport	Bituminous Macadam	1.33
Kennebec	"G"	Oakland	Bituminous Macadam	0.47
	"H"	Vassalboro	Gravel	2.56
	"P"	Augusta	Gravel	0.34
Knox	"D-4"	St. George	Gravel	0.80
Lincoln	"D"	Nobleboro	Bituminous Concrete	0.15
	"D"	Waldoboro	Bituminous Concrete	1.05
Oxford	"B"	Fryeburg	Gravel	1.12
	"O-1"	Rumford	Gravel	0.60
	"O-1"	Peru	Gravel	0.63
	"S"	Greenwood	Bituminous Macadam	0.51
	"S"	Bethel	Bituminous Macadam	0.03
Penobscot	"K"	Bangor	Bituminous Concrete	1.10
	"K"	Veazie	Bituminous Concrete	0.86
	"K"	Milford	Gravel	4.12
	"K"	Greenbush	Gravel	1.68
	"K"	Mattawamkeag	Gravel	0.50
Piscataquis	"J"	Dover-Foxcroft	Gravel	1.42
Sagadahoc	"C-1"	West Bath	Gravel	0.24
	"C-1"	Bath	Gravel	0.03
	"Q"	Topsham	Concrete	0.22
	"Q"	Bowdoin	Concrete	0.90
	"Q-1"	Bowdoin	Concrete	0.54
Somerset	"H"	Norridgewock	Gravel	0.04
	"H-1"	Canaan	Gravel	0.21
	"H-3"	Madison	Gravel	0.90
Waldo	"D"	Northport	Gravel	3.07
	"L"	Frankfort	Gravel	0.19
Washington	"N"	Columbia Falls	Gravel	0.88
	"N"	East Machias	Gravel	1.13
	"N"	Whiting	Gravel	0.22
	"N"	Edmunds	Gravel	0.51
	"N"	Dennysville	Gravel	0.10
	"N"	Pembroke	Gravel	0.48
	"N"	Cherryfield	Gravel	1.10
	"N"	Millbridge	Gravel	1.75
York	"A"	York	Concrete	2.58
	"A-2"	Sanford	Bituminous Macadam	2.55

## SUMMARY

Gravel	31.33
Bituminous Macadam	9.47
Concrete	10.84*
Bituminous Concrete	9.25

Total 60.89\*

\*Includes 6.90 miles widening existing pavement.

**STATE HIGHWAYS**  
**FEDERAL AID PROJECTS CARRIED OVER TO 1939**

County	Highway	Town	Type	Total Length	Length 1938	Carried Over
Androscoggin . . . . .	"E"	Auburn . . . . .	Concrete	2.38	1.76	0.62
Aroostook . . . . .	"K"	Littleton . . . . .	Bit. Mac.	6.51	2.80	3.71
Cumberland . . . . .	"A"	Scarboro . . . . .	Concrete	4.36	0.56	3.80
	"A"	Scarboro . . . . .	Bit. Mac.	0.71	0	0.71
Franklin . . . . .	"F"	Madrid . . . . .	Gravel	1.38	1.23	0.15
	"F"	Letter R . . . . .	Gravel	0.93	0.83	0.10
	"F"	Sandy River . . . . .	Gravel	1.86	0.63	1.23
Hancock . . . . .	"Y"	Bucksport . . . . .	Bit. Mac.	1.18	0.70	0.48
Kennebec . . . . .	"H"	Vassalboro . . . . .	Gravel	4.49	2.56	1.93
Knox . . . . .	"D-4"	St. George . . . . .	Gravel	1.16	0.35	0.81
Oxford . . . . .	"S"	Greenwood . . . . .	Bit. Mac.	1.41	0.51	0.90
	"S"	Bethel . . . . .	Bit. Mac.	0.09	0.03	0.06
Penobscot . . . . .	"K"	Bangor . . . . .	Bit. Conc.	1.68	1.10	0.58
	"K"	Veazie . . . . .	Bit. Conc.	0.86	0.86	0
	"K"	Greenbush . . . . .	Gravel	4.06	1.26	2.80
Somerset . . . . .	"H-I"	Canaan . . . . .	Gravel	0.51	0.21	0.30
	"H-I"	Canaan . . . . .	Bit. Conc.	0.03	0.00	0.03
	"H-I"	Pittsfield . . . . .	Bit. Conc.	0.12	0.00	0.12
Waldo . . . . .	"L"	Frankfort . . . . .	Gravel	0.53	0.19	0.34
Washington . . . . .	"N"	Cherryfield . . . . .	Gravel	1.39	1.10	0.29
	"N"	Millbridge . . . . .	Gravel	2.22	1.75	0.47
	"N"	Harrington . . . . .	Gravel	0.71	0.56	0.15

SUMMARY

Concrete . . . . .	4.42
Bituminous Concrete . . . . .	0.73
Bituminous Macadam . . . . .	5.86
Gravel . . . . .	8.57
Total . . . . .	19.58

## Mileage Previously Reported Replaced by Construction

## STATE HIGHWAY REPLACEMENT TABLE

1938

County	Highway	Town	Original Type	Work Done	Replacement Type	Length Replaced Miles
Androscoggin	E	Auburn	Concrete	1922	Bit. Conc. Concrete	1.00
	E	Auburn	Bit. Mac.	1918-19		1.85
Aroostook	K	Houlton	Gravel	1920-21	Bit. Mac.	1.78
	K	Littleton	Gravel	1921-22	Bit. Mac.	2.80
	K	Monticello	Gravel	1918	Gravel	0.15
Cumberland	E	New Gloucester	Concrete	1923	Bit. Conc.	1.30
	E	New Gloucester	Concrete	1923	Concrete	3.79
	A	Scarboro	Concrete	1928-29	Concrete	0.56
	B	Windham	Bit. Mac.	1921-22	Bit. Conc.	3.95
	C	Freeport	Gravel	1936	Concrete	0.43
Franklin	F	Wilton	Gravel	1920-21	Gravel	0.40
	F	Farmington	Gravel	1920-21	Gravel	0.96
	F	Letter E Pl.	Gravel	1917-18	Gravel	0.83
	F	Sandy River	Gravel	1915-16-17	Gravel	0.63
Hancock	Y	Bucksport	Gravel	1923-24-26	Bit. Mac.	0.93
Kennebec	G	Oakland	Bit. Mac.	1921	Bit. Mac.	0.47
	H	Vassalboro	Bit. Mac.	1920-21	Gravel	2.56
Lincoln	D	Nobleboro	Gravel	1932	Bit. Conc.	0.15
	D	Waldoboro	Gravel	1933	Bit. Conc.	1.05
Oxford	B	Fryeburg	Gravel	1914	Gravel	1.12
	S	Greenwood	Gravel	1917-18	Bit. Mac.	0.51
	S	Bethel	Gravel	1916	Bit. Mac.	0.03
Penobscot	K	Bangor	Concrete	1921-22	Bit. Conc.	1.10
	K	Veazie	Concrete	1922-23	Bit. Conc.	0.86
	K	Milford	Gravel	1922-23	Gravel	4.13
	K	Greenbush	Gravel	1922-23	Gravel	1.68
	K	Mattawamkeag	Gravel	1918-19	Gravel	0.50
Piscataquis	J	Dover-Foxcroft	Gravel	1914-15	Gravel	1.43
Sagadahoc	Q	Topsham	Bit. Mac.	1918	Concrete	0.22
	Q	Bowdoin	Bit. Mac.	1918	Concrete	0.90
Somerset	H	Norridgewock	Gravel	1914-15	Gravel	0.04
	H-I	Canaan	Gravel	1931	Gravel	0.05
Waldo	D	Northport	Gravel	1914	Gravel	3.00
	D	Northport	Bit. Mac.	1923-24	Gravel	0.59
	L	Frankfort	Bit. Mac.	1924-25	Gravel	0.19
Washington	N	Edmunds	Gravel	1915	Gravel	0.51
	N	Cherryfield	Gravel	1920-21-22	Gravel	2.63
York	A	York	Concrete	1926	Concrete	2.58
						47.66

Concrete . . . . . 11.19  
 Bituminous Macadam . . . . . 10.73  
 Gravel . . . . . 25.74

47.66

**Mileage Previously Reported as State Aid Construction  
Replaced by State Highway Construction—1938**

County	Highway	Town	Original Type	Replacement Type	Length Replaced Miles
Cumberland.....	Pequaket Trail	Baldwin.....	Gravel	Gravel	1.65
Franklin.....	F	Madrid.....	Gravel	Gravel	1.22
Hancock.....	Y	Bucksport.....	Gravel	Bit. Mac.	0.40
Kennebec.....	P	Augusta.....	Gravel	Gravel	0.34
Knox.....	D-4	St. George.....	Gravel	Gravel	0.80
Oxford.....	O-1	Peru.....	Gravel	Gravel	0.43
Sagadahoc.....	Q-1 C-1	Bowdoin..... Bath.....	Gravel Gravel	Concrete Gravel	0.53 0.03
Somerset.....	H-1 H-3	Canaan..... Madison.....	Gravel Gravel	Gravel Gravel	0.16 0.90
Washington.....	N N N N N N N	Columbia Falls .. East Machias.... Whiting..... Dennysville..... Pembroke..... Cherryfield..... Harrington.....	Gravel Gravel Gravel Gravel Gravel Gravel Gravel	Gravel Gravel Gravel Gravel Gravel Gravel Gravel	0.88 1.13 0.22 0.10 0.10 1.28 0.56
York.....	A-2	Sanford.....	Gravel	Bit. Mac.	2.55

**SUMMARY**

Gravel.....	13.28
F. A. S. Gravel.....	1.38
<b>Total.....</b>	<b>14.66</b>

**Mileage in State Highway System Constructed as State Aid Roads,  
Replaced by Federal Aid Secondary Construction**

County	Highway	Town	Original Type	Replacement Type	Length Replaced
Hancock.....	Y	Penobscot.....	Gravel	Gravel	0.31
Somerset.....	150	Cornville.....	Gravel	Gravel	0.82
York.....	Sokokis Trail	Dayton.....	Gravel	Gravel	0.25
				<b>Total.....</b>	<b>1.38</b>

This Mileage is added to the State Aid Replacement Table.

**SPECIAL RESOLVE REPLACEMENT TABLE**

**1938**

**Mileage Previously Reported under Special Resolves. Replaced  
by State Highway Construction**

County	Highway	Town	Original Type	Replacement Type	Length Replaced
Oxford.....	O-1	Peru.....	Gravel	Gravel	0.44

SUMMARY: 0.44 Gravel



## STATE HIGHWAY SYSTEM IMPROVED ROADS TO JAN. 1, 1939

	Concrete	Bit. Concrete	Bit. Mac.	Gravel	Wood & Granite Block	Total
State Highway Construction . . . . .	213.36	42.81	377.65	944.58	.....	1,578.40
U.S. Public Works Construction . . . . .	8.58	11.94	40.53	42.11	.....	103.16
U.S. Works Program Construction . . . . .	1.72	.....	0.74	32.23	.....	34.69
State Aid Construction . . . . .	17.76	1.84	29.77	818.38	2.29	870.04
Municipal Construction . . . . .	6.02	2.58	12.30	22.32	4.50	47.72
Third Class Construction . . . . .	.....	.....	.....	25.27	.....	25.27
Special Resolve Construction . . . . .	.....	.....	0.58	39.20	.....	39.78
Auto Funds Construction . . . . .	1.33	.....	.....	1.52	.....	2.85
F. E. R. A. Construction . . . . .	.....	.....	.....	1.19	.....	1.19
C. C. C. & C. W. A. Construction . . . . .	.....	.....	.....	4.00	.....	4.00
W. P. A. Construction . . . . .	.....	.....	.....	4.54	.....	4.54
Maintenance Fund Construction . . . . .	.....	.....	.....	3.82	.....	3.82
Great Northern Paper Co. Constr. . . . .	.....	.....	.....	0.42	.....	0.42
<b>Total Mileage Improved . . . . .</b>	<b>248.77</b>	<b>59.17</b>	<b>461.57</b>	<b>1,939.58</b>	<b>6.79</b>	<b>2,715.88</b>
Bridges and Approaches . . . . .	.....	.....	.....	.....	.....	10.25
Unimproved . . . . .	.....	.....	.....	.....	.....	108.53
<b>Total Mileage State Highway System . . . . .</b>	.....	.....	.....	.....	.....	<b>2,834.66</b>

**HIGHWAY  
CONSTRUCTION AND RECON  
JANUARY 1, 1938 TO  
ANDROSCOGGIN**

F.A.P. No.	Highway	Town	ENGINEERING AND			
			Survey	Plans and Computations	Engineering and Inspection	Advertising
13	E	Auburn	600.60	1,556.28	160.49	34.80
	F	Auburn	11.20	27.83		
13-C(1)	E	Auburn			1,430.88	
13-D(1)	E	Auburn			2,162.91	
	E	Auburn			2,762.90	
	E	Greene		6.67		
	O	Livermore				
	F	Livermore				0.67
30	O	Livermore (Martin Str. Br. No. 2)				
31-B	O	Livermore				
81-A	F	Livermore				
	B-S	Poland				
	F	Turner	4.00	57.33		0.94
59	F	Turner				
30	F	Turner				
95-C	F	Turner			161.36	
	121	Minot			9.00	
Total of Androscoggin County			615.80	1,648.11	6,687.54	36.41

**AROOSTOOK**

	K	Bridgewater	437.90		6.00	
	K-3	Caribou			7.50	
	K-2	Caswell Plantation			7.00	
	K-4	Fort Fairfield				
	K	Fort Kent	624.20	22.50	10.24	
	K	Frenchville	583.34			
	K-2	Hamlin Plantation			14.50	
	K-5	Haynesville				
	N	Houlton		10.60	35.34	
24	K	Houlton			18.97	
	K	Houlton			1,987.42	
	K-2	Limestone			6.00	
	K	Littleton	222.58	1,900.09	84.90	19.97
25	K	Littleton	19.75		2,429.94	6.50
25(4)	K	Littleton	3.92		761.66	
	K	Macwahoc Plantation				
297-B	K	Molunkus	40.00	40.00		
	K	Molunkus-Macwahoc Pl'n		6.67	1,304.07	
298-B	K	Monticello	268.92	175.50	30.84	
298-C	K	Monticello			22.50	
	K	Monticello			801.64	
	K	New Limerick			30.00	
145-E	K	New Limerick				
	K	Presque Isle		109.50		
368-A	K	Van Buren				
	K	Wallagrass				
	K-10	Weston				
	N	Weston				
Total of Aroostook County			2,200.61	2,264.86	7,558.52	26.47

**LOAN FUND  
CONSTRUCTION OF STATE HIGHWAYS  
DECEMBER 31, 1938**

COUNTY

RIGHT OF WAY		Labor and Materials	Grand Total	Fed. Aid Credits	Miscellaneous Credits
Right of Way General Expense	Total				
6,200.54	8,552.71	1,284.09	9,836.80		Sale of Materials . . . . . 43.00
	39.03		39.03		
	1,430.88	47,023.81	48,454.69	23,813.00	
	2,162.91	34,134.16	36,297.07	6,224.00	
	2,762.90	72,767.45	75,530.35	12,413.00	
	6.67		6.67		
40.37	40.37		40.37		
5.37	6.04	2.15	8.19		
				6,527.00	
				9,014.00	
				1,011.00	
136.40	136.40	35.74	172.14		Refund on Materials . . . . . 1.42
1,585.63	1,647.90	78.00	1,725.90		
		2,959.08	2,959.08	9,829.00	
		536.78	536.78		
	161.36	434.66	596.02	2,245.00	
	9.00		9.00		
7,968.31	16,956.17	159,255.92	176,212.09	71,076.00	44.42

COUNTY

	443.90		443.90		
	7.50		7.50		
	7.00		7.00		
1.12	1.12		1.12		
	656.94		656.94		
	583.34		583.34		
	14.50		14.50		
10.75	10.75		10.75		
	45.94		45.94		
	18.97	116.40	135.37		
	1,987.42	74,042.82	76,030.24	30,897.00	
	6.00		6.00		
239.62	2,467.16	29.12	2,496.28		
10.35	2,466.54	61,898.38	64,364.92	31,816.00	
	765.58	8,336.72	9,102.30		
					Sale of Materials . . . . . 20.00
153.51	233.51		233.51		Sale of Materials . . . . . 20.00
	1,310.74	6,330.43	7,641.17	1,198.00	
1,046.24	1,521.50	11.65	1,533.15		
	22.50		22.50	1,536.00	
0.50	802.14	16,738.03	17,540.17	10,731.00	
	30.00		30.00		
				4,965.00	
	109.50		109.50		
				2,092.00	
13.34	13.34		13.34		
					Reimbursement from Bonding Co. . . . . 18,137.23
1,475.43	13,525.89	167,503.55	181,029.44	83,235.00	18,177.23

**HIGHWAY  
CONSTRUCTION AND RECON  
JANUARY 1, 1938 TO  
CUMBERLAND**

F.A.P. No.	High- way	Town	ENGINEERING AND			
			Survey	Plans and Computations	Engineer- ing and Inspection	Adver- tising
130-C	Peq. Tr.	Baldwin .....		231.80	0.80	0.91
	B	Bridgton .....	7.25	4.50	3.50	0.92
	B	Bridgton .....			120.21	
121-D	C	Brunswick .....	82.50	37.00	66.00	11.85
116-G	C	Brunswick (Pit Scale Sta.) .....		52.25	409.76	
	C	Brunswick .....		5.00	1,731.91	
121-E (3)	C	Freeport .....	7.25	543.10	56.47	6.80
	C	Freeport .....			1,207.55	
	Oss. Tr.	Gorham .....		35.75		
11	E	Gray .....		492.41	60.11	11.81
	E	Gray .....			33.73	
11(1)	E	Gray (Pit Scale Sta.) .....		6.25	529.72	
11(2)	E	Gray (Road Imp.) .....			102.97	
	E	Gray .....			44.06	
12	B-S2	Harrison .....	8.45		7.50	
	E	New Gloucester .....	120.15	295.10	71.58	
12(2)	E	New Gloucester (Rd. Imp.) .....			10.07	
12	E	New Gloucester (Rd. Imp.) .....			87.26	
	E	New Gloucester .....			3,202.76	
118-A	A	Portland .....	17.50		13.40	
	A	Scarboro .....	104.99	1,189.70	14.95	130.34
118-B (2)	A	Scarboro .....			166.01	
	A	Scarboro .....			650.33	
27	Peq. Tr.	Standish .....				
	B	Westbrook .....		113.34		
27	B	Windham .....		859.33	128.55	5.76
	B	Windham .....			1.50	
27(2)	B	Windham (1938) .....			2,634.89	
	B	Windham (1939) .....			2,390.14	
Total of Cumberland County .....			348.09	3,865.53	13,745.73	168.39

**FRANKLIN**

19	F	Farmington .....	793.29	694.16	20.89	6.72
	F	Farmington .....		17.00	778.13	
	F	Farmington .....			892.00	
19(2)	F	Letter E Twp. .....	10.70	70.82		1.85
	F	Madrid .....	312.51	77.96	9.00	3.45
146-D	F	Madrid .....				
146-E (1)	F	Madrid-Letter E-Sandy River .....			24.00	2,698.92
119-F	F	Phillips .....				50.70
	F-02	Rangeley .....				
146-F (1)	F	Rangeley .....	2.88			
	F	Sandy River Plantation .....	360.27	333.11	3.00	18.33
	F	Sandy River Plantation .....			522.60	
18	F	Strong .....	184.00			
	F	Wilton .....		9.00	4.99	
	F	Wilton .....		25.50	769.41	
	F-1	Alder Stream .....				
	F-1	Chain of Ponds .....				
	F-1	Coburn Gore .....				
	F-1	Jim Pond .....				
Total of Franklin County .....			1,663.65	1,251.55	5,749.64	30.35

**HANCOCK**

91-A	Y	Bluehill .....		55.00		
	Y	Bucksport .....	810.34	1,130.39	69.11	64.19
91-A	Y	Bucksport (1937) .....			319.31	
91-A	Y	Bucksport (1938) .....			1,551.75	
91-B (1)	Y	Bucksport .....		8.12	1,669.13	27.50
	Y	Ellsworth .....				
	M	Penobscot .....		268.00		
	Y	Penobscot .....				
Total of Hancock County .....			810.34	1,461.51	3,609.30	91.69

**LOAN FUND  
STRUCTION OF STATE HIGHWAYS  
DECEMBER 31, 1938  
COUNTY**

RIGHT OF WAY		Labor and Materials	Grand Total	Fed. Aid Credits	Miscellaneous Credits
Right of Way General Expense	Total				
4,865.64	5,099.15	137.17	5,236.32		Transferred to F.A.G.S. Proj. No. 344-B . . . . . 890.69
	16.17	1.47	17.64		
	120.21	581.39	701.60	4,474.00	
2,721.27	2,918.62		2,918.62		
	462.01	7,949.43	8,411.44	3,235.00	
	1,736.91	30,390.93	32,127.84	*40,977.00	*Includes F.A. on 116-G Bath- West Bath
	613.62	262.44	876.06		
	1,207.55	32,790.19	33,997.74	14,063.00	
	35.75		35.75		
69.84	634.17		634.17		
	33.73		33.73	10,786.00	
	535.97	7,269.85	7,805.82	932.00	
	102.97	2,809.44	2,912.41		
	44.06	1,151.20	1,198.26		
	15.95		15.95		
1,019.93	1,506.76	85.02	1,591.78		
	10.07		10.07		
	87.26	3,036.59	3,123.85		
	3,202.76	133,572.80	136,775.56	75,266.00	
	30.90		30.90		
2,193.69	3,633.67		3,633.67		
	166.01	2,814.56	2,980.57		
	650.33	9,819.26	10,469.59		
		86.73	86.73		
3.33	116.67		116.67	5,345.00	
1,139.64	2,133.28	63.95	2,197.23		
	1.50		1.50		
	2,634.89	132,772.07	135,406.96	64,114.00	
	2,390.14	94,850.35	97,240.49	16,697.00	
12,013.34	30,141.08	460,450.84	490,591.92	235,889.00	890.69

**COUNTY**

1,561.92	3,076.98	351.57	3,428.55		
	795.13	10,788.82	11,583.95	4,076.00	
	892.00	19,126.30	20,018.30	11,655.00	
70.38	153.75		153.75		
774.68	1,177.60	51.84	1,229.44		
				4,341.00	
	2,722.92	60,562.30	63,285.22	26,230.00	
	50.70	59.53	110.23	4,336.00	
37.00	37.00		37.00		
	2.88		2.88		
1,099.48	1,814.19		1,814.19		
	522.60	2,506.53	3,029.13		
	184.00		184.00		
128.54	142.53	435.08	577.61		
	794.91	12,427.99	13,222.90	5,935.00	
131.23	131.23		131.23		
202.90	202.90		202.90		
82.90	82.90		82.90		
98.00	98.00		98.00		
4,187.03	12,882.22	106,309.96	119,192.18	56,573.00	

**COUNTY**

	55.00		55.00		
2,078.59	4,152.62	30.60	4,183.22		Sale of Materials . . . . . 2.94
	319.31	1.75	321.06	5,023.00	
	1,551.75	44,118.51	45,670.26	44,924.00	
	1,704.75	30,596.91	32,301.66		
103.37	103.37		103.37		
100.00	368.00		368.00		
2,281.96	8,254.80	74,747.77	83,002.57	49,947.00	2.94

**HIGHWAY  
CONSTRUCTION AND RECON  
JANUARY 1, 1938 TO**

**KENNEBEC**

F.A.P. No.	High- way	Town	ENGINEERING AND			
			Survey	Plans and Computations	Engineer- ing and Inspection	Adver- tising
296-C	E	Augusta . . . . .				
	P	Augusta . . . . .	24.50		128.69	
	P	Augusta . . . . .	10.00		1,359.70	
	Q	Gardiner . . . . .	236.66		24.00	
257-G 257-F	Q	Hallowell . . . . .				
	E	Manchester . . . . .				
	E	Manchester . . . . .				
22	E	Manchester-Augusta . . . . .				
	G	Oakland . . . . .		3.00	26.91	
3(4)	G	Oakland . . . . .			1,043.71	
	H	Vassalboro . . . . .	3,062.34	3,004.82	84.50	70.55
	H	Vassalboro . . . . .	48.00	58.00	3,641.63	0.95
	G	Waterville . . . . .		22.50		
	H	Waterville . . . . .				0.67
	H	Winthrop . . . . .	374.09			
Total of Kennebec County . . . . .			3,755.59	3,088.32	6,309.14	72.17

**KNOX**

371-A 371-B	D	Rockland . . . . .				0.67
	D	Rockport . . . . .		67.50		
	D-4	St. George . . . . .	625.59	358.33	31.92	68.86
	D-4	St. George . . . . .			888.62	
	D	St. George . . . . .			653.61	
	D	Thomaston . . . . .		4.50		
	D	Warren . . . . .	198.58	44.25		
Total of Knox County . . . . .			824.17	474.58	1,574.15	69.53

**LINCOLN**

117-F (2)	D	Edgecomb . . . . .				0.66
	D	Newcastle . . . . .				3.45
	D	Nobleboro . . . . .		388.83	16.33	
	D	Nobleboro . . . . .			220.16	
	D	Waldoboro . . . . .		474.74	38.67	3.43
	D	Waldoboro . . . . .			18.33	
117-G	D	Waldoboro . . . . .			18.33	
117-H	D	Waldoboro (1938) . . . . .			8.34	
117-H (2)	D	Waldoboro . . . . .			1,306.51	
117-H	D	Waldoboro (Road Imp.) . . . . .			214.25	
Total of Lincoln County . . . . .				863.57	1,840.92	7.54

**LOAN FUND  
STRUCTION OF STATE HIGHWAYS  
DECEMBER 31, 1938**

COUNTY

RIGHT OF WAY		Labor and Materials	Grand Total	Fed. Aid Credits	Miscellaneous Credits
Right of Way General Expense	Total				
882.26	1,035.45	41.42	41.42		
	1,369.70	29,766.90	31,136.60	18,186.00	
	260.66		260.66		
343.47	343.47	93.96	437.43		Sale of Materials . . . . . 10.00
1,124.25	1,124.25	179.21	1,303.46		
				2,852.00	
500.00	529.91		529.91	11,734.00	
	1,043.71	28,978.65	30,022.36	13,626.00	
10,865.45	17,087.66	27.71	17,115.37		
	3,748.58	69,718.37	73,466.95	8,736.00	Town of Vassalboro . . . . . 200.00
	22.50		22.50		
	0.67		0.67		
	374.09		374.09		
13,715.43	26,940.65	128,806.22	155,746.87	55,134.00	210.00

COUNTY

	0.67		0.67		
	67.50		67.50		
3,189.21	4,273.91	15.00	4,288.91		
	888.62	23,607.97	24,496.59	7,187.00	
	653.61	7,803.34	8,456.95		
	4.50		4.50		
	242.83		242.83		
3,189.21	6,131.64	31,426.31	37,557.95	7,187.00	

COUNTY

	0.66	1.20	1.86		Sale of Materials . . . . . 7.00
	408.61		408.61		
	220.16	4,404.20	4,624.36	1,988.00	
	516.84	16.75	533.59		
	18.33		18.33	10,039.00	
	18.33		18.33		
	8.34		8.34	20,269.00	
	1,306.51	33,507.71	34,814.22	15,111.00	
	214.25	6,219.94	6,434.19		
	2,712.03	44,149.80	46,861.83	47,407.00	7.00

**HIGHWAY  
CONSTRUCTION AND RECON  
JANUARY 1, 1938 TO**

**OXFORD**

F.A.P. No.	High- way	Town	ENGINEERING AND			
			Survey	Plans and Compu- tations	Engineer- ing and Inspection	Adver- tising
149-A	O	Bethel .....	24.15	3.75	9.15	
	S	Bethel .....		58.34		0.74
	O	Bethel .....			2.00	
	O	Canton .....	260.00			
130-C	B	Fryeburg .....	2.25	150.00	109.43	46.41
	B	Fryeburg .....			126.04	
130-D (1)	B	Fryeburg .....		110.00	940.29	
	O	Gilead .....	9.00	2.25	2.00	
258-C	T	Grafton .....		26.25	11.68	
	T	Grafton .....			8.70	
93-G (1)	S	Greenwood .....	92.05	871.77	20.93	58.03
	S	Greenwood-Bethel .....			1,236.05	
93-F	Peg. Tr.	Hiram .....				
	O	Mexico .....				
	S	Norway .....	15.60			
	S	Norway .....		14.00		
34	S	Oxford .....	5.30	62.00	3.40	0.95
	S	Oxford (Road Imp.) .....			98.80	
302-B	O-1	Peru .....	45.00	58.00	74.26	
	O-1	Rumford-Peru .....			3,312.91	
	O	Rumford .....	561.29		15.10	
	S	Woodstock .....	246.05		37.55	45.00
93-E	S	Woodstock-Greenwood .....			60.90	
	S	Woodstock (Road Imp.) .....			130.79	
Total of Oxford County .....			1,260.69	1,356.36	6,199.98	151.13

**PENOBSCOT**

42 (4)	X	Bangor .....		10.00		
	K	Bangor .....	10.97	1,140.16	71.76	8.62
	K	Bangor-Veazie .....			2,507.87	
	Y	Brewer .....				
134-E	J	Dexter .....	71.95	569.84		
	D	Dixmont .....		220.00		
	I	Etna .....	3.76			
	J	Garland .....			103.88	
49 (2)	K	Garland .....			153.90	
	K	Greenbush .....	1,149.05	1,408.98	118.89	7.20
297-C	K	Greenbush .....	5.60		2,818.15	
	K	Greenbush .....	10.84		384.40	
	K	Mattawamkeag .....	39.99	40.00	8.97	
	K	Mattawamkeag .....		8.00	1,250.66	
48	157	Medway .....	851.81	332.32	3.90	
	K	Milford .....	858.08		185.55	
	K	Milford .....	15.64		5,226.96	
	K	Old Town .....	174.58	401.95		
91-C	K	Orono .....	882.32	55.00	27.00	
	Y	Orrington .....				
	K	Orrington .....			5.58	
	K	Passadumkeag .....	228.38			
	K	Veazie .....	1.36	357.99		8.64
Total of Penobscot County .....			4,304.33	4,544.24	12,867.47	24.46



**LOAN FUND  
STRUCTION OF STATE HIGHWAYS  
DECEMBER 31, 1938**

COUNTY

RIGHT OF WAY		Labor and Materials	Grand Total	Fed. Aid Credits	Miscellaneous Credits
Right of Way General Expense	Total				
	37.05		37.05		
127.41	186.49		186.49		
	2.00		2.00	1,228.00	
	260.00		260.00		
10.00	318.09		318.09		
	126.04	489.57	615.61		
	1,050.29	23,026.10	24,076.39	9,691.00	
	13.25		13.25		
	37.93		37.93		
	8.70		8.70	7,371.00	
2,510.24	3,553.02	296.93	3,849.95		Eng. & Insp. transferred to Proj. 298-C. 20.00
	1,236.05	20,409.19	21,645.24	11,625.00	
25.75	25.75		25.75		
25.00	25.00		25.00		
17.20	32.80	1.98	34.78		
	14.00		14.00	9,746.00	
	71.65		71.65		
	98.80	397.77	496.57	2,197.00	
1,358.00	1,358.00		1,358.00		
852.35	1,029.61	152.23	1,181.84		Rental. 17.20
	3,312.91	68,427.72	71,740.63	33,190.00	
	576.39		576.39		
473.62	802.22	28.05	830.27		
	60.90	10,932.81	10,993.71	9,984.00	
	130.79	5,587.50	5,718.29		
5,399.57	14,367.73	129,749.85	144,117.58	85,032.00	37.20

COUNTY

	10.00		10.00		
1,958.52	3,190.03		3,190.03		
	2,507.87	52,010.47	54,518.34		
		2,008.91	2,008.91		Canc. R. of W. Chk. 164.29
	641.79		641.79		Jour. Cor. 764.45
	220.00		220.00		
	3.76		3.76		
23.35	127.23		127.23		
	153.90	8,779.68	8,933.58		
4,926.67	7,610.79	137.81	7,748.60		Sale of Materials. 15.00
	2,823.75	21,966.08	24,789.83		Sale of Materials. 1.00
	395.24	5,650.57	6,045.81	1,976.00	
177.42	266.38		266.38		Sale of Materials. 13.25
	1,258.66	16,339.00	17,597.66	5,073.00	
	1,188.03		1,188.03		
3,970.08	5,013.71	586.91	5,600.62		Sale of Building. 10.00
58.28	5,300.88	128,097.86	133,398.74	51,380.00	Sale of Materials. 2.45
1.24	577.77		577.77		
	964.32		964.32		
2,075.53	2,075.53	124.10	2,199.63		Sale of Land and Bldgs. 405.00
	5.58	12,011.20	12,016.78	15,011.00	
	228.38		228.38		
21.72	389.71		389.71		
13,212.81	34,953.31	247,712.59	282,665.90	73,440.00	1,375.44

**HIGHWAY  
CONSTRUCTION AND RECON  
JANUARY 1, 1938 TO  
PISCATAQUIS**

F.A.P. No.	High- way	Town	ENGINEERING AND			
			Survey	Plans and Computations	Engineering and Inspection	Adver- tising
134-D	J	Dover-Foxcroft.....	660.63	426.35	205.92	7.29
134-E	J	Dover-Foxcroft.....			168.00	
134-F (1)	J	Dover-Foxcroft.....			16.45	
	J	Guilford.....	703.06	574.00	1,516.57	
Total of Piscataquis County .....			1,363.69	1,000.35	1,906.94	7.29

**SAGADAHOC**

116-G	C	Bath .....	163.83	13.75		
	C	West Bath-Bath .....		5.00	3,237.78	
	Q	Bowdoin .....	175.75	170.34	56.64	0.17
1	Q-1	Bowdoin .....	123.15			0.49
	Q-Q-1	Topsham-Bowdoin .....			2,276.63	
	Q	Bowdoin - Bowdoinham - Richmond .....				
	Q	Richmond .....	1,331.26	18.00	53.00	
	Q-1	Richmond .....	11.50			
	Z	Topsham .....				3.09
147-C	Q	Topsham .....			2.25	
	Z	Topsham .....		35.00	446.02	
	C	West Bath .....	82.50	27.50	53.97	
Total of Sagadahoc County .....			1,887.99	269.59	6,126.29	3.75

**SOMERSET**

120-H (1)	H-I	Canaan .....	740.10	204.99	136.85	3.15
	H-I	Canaan-Pittsfield .....	35.00		1,993.31	
	H	Caratunk Plantation .....				
	H	Fairfield .....		22.50	15.00	
150-G	H	Fairfield .....				
	H	Madison .....	29.00		23.92	
369-B	H	Madison .....		10.50	1,505.96	
	H	Norridgewock .....	203.74		72.97	
152-D	H	Norridgewock .....		95.65	169.25	
	H-I	Pittsfield .....	13.43	790.42	114.50	3.16
	I	Pittsfield .....				0.67
	II	Sandy Bay Twp. ....		133.50		
	H-I	Skowhegan .....	53.87	405.10	157.50	
	H	Skowhegan .....		51.00		
369-A	H-3	Skowhegan-Madison .....			72.97	
120-F	H-1	Skowhegan (Road Imp.) .....		7.50	146.77	
120-G	H-I	Skowhegan .....		15.00		
Total of Somerset County .....			1,075.14	1,736.16	4,409.00	6.98

**WALDO**

84-A (2)	D	Belfast .....			15.63	
	L	Frankfort .....	948.43	803.86	17.94	56.48
	L	Frankfort .....			773.40	27.50
	D	Northport .....	206.96	365.01	19.43	8.01
104-I	D	Northport .....			1,062.81	
104-B	D	Northport .....			64.92	
68 (2)	D	Northport .....			3,049.62	
	L	Searsport .....	488.36	389.17		
	L-Y	Stockton Springs .....	243.75	67.75		
127-E	L-Y	Stockton Springs .....			420.00	
	L	Stockton Springs .....	104.07	66.67		
	L	Winterport .....				
Total of Waldo County .....			1,991.57	1,692.46	5,423.75	91.99

**LOAN FUND  
STRUCTION OF STATE HIGHWAYS  
DECEMBER 31, 1938  
COUNTY**

RIGHT OF WAY		Labor and Materials	Grand Total	Fed. Aid Credits	Miscellaneous Credits
Right of Way General Expense	Total				
26.67	1,326.86	130.62	1,457.48		
	168.00	6,443.05	6,611.05	1,572.00	
	16.45	14,752.74	14,769.19	30,712.00	
	1,516.57	32,814.75	34,331.32	11,906.00	
	1,277.06		1,277.06		
26.67	4,304.94	54,141.16	58,446.10	44,190.00	

**COUNTY**

901.22	1,078.80		1,078.80		
	3,242.78	54,465.84	57,708.62		See Proj. 116-G, Cumberland Co.
1,316.55	1,719.45	75.05	1,794.50		
1,003.37	1,127.01		1,127.01		
	2,276.63	95,613.07	97,889.70	50,840.00	
				12,914.00	
	1,402.26		1,402.26		
	11.50		11.50		
274.67	277.76		277.76		Miscellaneous Refund. 5.00
179.86	182.11	67.82	249.93		
	481.02	13,095.03	13,576.05	5,851.00	
2,379.55	2,543.52		2,543.52		
6,055.22	14,342.84	163,316.81	177,659.65	69,605.00	5.00

**COUNTY**

672.70	1,757.79		1,757.79		
	2,028.31	26,454.52	28,482.83		
6.67	6.67		6.67		
	37.50	27.90	65.40		
				12,396.00	Eng. & Insp. transferred to Proj. 120-G 56.05
491.60	544.52	3.00	547.52		
	1,516.46	26,175.16	27,691.62	11,856.00	
527.97	804.68	10.50	815.18		
	264.90	2,639.53	2,904.43	790.00	
85.60	1,007.11		1,007.11		
0.70	1.37		1.37		
	133.50		133.50		
	616.47	4.50	620.97		
	51.00		51.00		
		9.00	9.00	5,600.00	
	80.47	1,073.49	1,153.96		
	161.77	1,878.20	2,039.97	1,055.00	
1,785.24	9,012.52	58,275.80	67,288.32	31,697.00	56.05

**COUNTY**

	15.63		15.63		
1,084.06	2,910.77		2,910.77		
	800.90	8,680.53	9,481.43		
7,113.62	7,713.03		7,713.03		
	1,062.81	33,891.30	34,954.11	15,014.00	
100.00	164.92	6,471.28	6,636.20	4,383.00	
	3,049.62	46,305.93	49,355.55	20,520.00	
	877.53		877.53		
2,265.89	2,577.39	50.70	2,628.09		
	420.00	9,217.74	9,637.74	7,848.00	
	170.74		170.74		
300.00	300.00		300.00		
10,863.57	20,063.34	104,617.48	124,680.82	47,765.00	

**HIGHWAY  
CONSTRUCTION AND RECON  
JANUARY 1, 1938 TO**

WASHINGTON

F.A.P. No.	High- way	Town	ENGINEERING AND			
			Survey	Plans and Computations	Engineer- ing and Inspection	Adver- tising
367-B	ZZZZZZZZZZ	Baileysville . . . . .	562.04			
		Calais . . . . .				
123-D	ZZZZZZZZZZ	Cherryfield . . . . .	65.00	41.75		
		Columbia Falls . . . . .	160.02	509.52	14.95	98.02
99-J(1)	ZZZZZZZZZZ-5	Columbia Falls . . . . .			1,464.88	
		Dennysville . . . . .			5.98	
	ZZZZZZZZZZ-4	Dennysville-Pembroke . . . . .			675.80	
		East Machias . . . . .	675.22	920.83	20.93	97.35
	ZZZZZZZZZZ	East Machias . . . . .			1,292.02	
		Eastport . . . . .	128.80	211.40		
	ZZZZZZZZZZ	Edmunds . . . . .				
		Harrington . . . . .				
	ZZZZZZZZZZ	Lubec . . . . .	1.00	24.00		
		Machias . . . . .	4.34			
123-E	ZZZZZZZZZZ	Milbridge . . . . .				
		Pembroke . . . . .		174.66	41.86	5.73
5	ZZZZZZZZZZ	Pembroke . . . . .			1,001.09	
		Perry . . . . .				111.09
123-C	ZZZZZZZZZZ	Princeton . . . . .	354.00			
		Whiting . . . . .			8.97	
		Whiting-Edmunds . . . . .			1,283.01	
Total of Washington County . . . . .			1,950.42	1,927.16	5,920.58	201.10

YORK

144-B	Oss. Tr.	Limington-Cornish . . . . .		19.00	22.50	
		North Kennebunkport . . . . .				
	203	Parsonsfield . . . . .				
		Saco . . . . .	16.17	102.64		
294-C	A-1	Sanford . . . . .	133.25	188.33	26.91	6.78
294-D	A-2	Sanford . . . . .			5.00	
290	A-2	Sanford . . . . .			3,026.51	
		Wells . . . . .	516.82		1.04	
293-B	A-2	Wells . . . . .				0.91
293-A	A-5	Wells . . . . .			10.00	
294-A	A-2	Wells . . . . .			5.00	
294-A	A-2	Wells (Road Imp.) . . . . .			99.38	
294-B	A-2	Wells . . . . .			167.22	
294-B	A-2	Wells-Sanford . . . . .			20.00	
87-A	A	York . . . . .	1,129.53	679.99	158.99	39.31
		York . . . . .	0.30		1,666.78	
87-A (2)	A	York . . . . .			1,115.84	
Total of York County . . . . .			1,796.07	989.96	6,325.17	47.00
Grand Total (16 Counties) . . . . .			25,848.15	28,434.31	96,254.12	1,036.25

**LOAN FUND  
STRUCTION OF STATE HIGHWAYS  
DECEMBER 31, 1938**

COUNTY

RIGHT OF WAY		Labor and Materials	Grand Total	Fed. Aid Credits	Miscellaneous Credits
Right of Way General Expense	Total				
.....	562.04	.....	562.04	.....	.....
250.00	250.00	.....	250.00	.....	.....
3,231.31	3,338.06	.....	3,338.06	.....	.....
560.82	1,343.33	15.30	1,358.63	.....	.....
.....	1,464.88	22,668.02	24,132.90	8,384.00	.....
544.49	550.47	54.40	604.87	.....	.....
.....	675.80	11,649.20	12,325.00	8,065.00	.....
1,415.91	3,130.24	29.48	3,159.72	.....	.....
.....	1,292.02	35,652.88	36,944.90	12,001.00	.....
50.00	390.20	.....	390.20	.....	.....
48.36	48.36	.....	48.36	.....	.....
993.18	993.18	.....	993.18	.....	.....
12.00	37.00	.....	37.00	.....	.....
.....	4.34	.....	4.34	.....	.....
307.21	307.21	.....	307.21	.....	.....
3,190.59	3,412.84	28.00	3,440.84	.....	.....
.....	1,001.09	17,392.42	18,393.51	8,388.00	.....
20.00	20.00	.....	20.00	.....	.....
.....	111.09	2,915.97	3,027.06	2,160.00	.....
.....	354.00	.....	354.00	.....	.....
13.20	67.17	.....	67.17	.....	.....
.....	1,283.01	35,603.14	36,886.15	23,189.00	.....
10,637.07	20,636.33	126,008.81	146,645.14	62,187.00	.....

COUNTY

.....	41.50	405.00	446.50	6,227.00	Rental of Buildings . . . . . 50.00
.....	.....	47.19	47.19	.....	.....
.....	118.81	.....	118.81	.....	.....
2,375.12	2,730.39	87.05	2,817.44	.....	.....
.....	5.00	3,467.66	3,472.66	2,439.00	.....
.....	3,026.51	45,498.18	48,524.69	15,774.00	.....
.....	517.86	.....	517.86	561.00	.....
15.90	16.81	42.00	58.81	.....	.....
.....	.....	419.27	419.27	276.00	.....
.....	10.00	.....	10.00	.....	.....
.....	5.00	.....	5.00	888.00	.....
.....	99.38	335.84	435.22	.....	.....
.....	167.22	706.15	873.37	.....	.....
.....	20.00	.....	20.00	.....	.....
1,734.61	3,742.43	14,675.94	18,418.37	.....	.....
.....	1,667.08	122,370.14	124,037.22	58,984.00	.....
.....	1,115.84	53,364.27	54,480.11	18,693.00	.....
4,125.63	13,283.83	241,418.69	254,702.52	103,842.00	50.00
96,936.49	248,509.32	2,297,891.56	2,546,400.88	1,124,206.00	20,855.97



**FEDERAL-AID SECONDARY ROADS**

Following are tabular statements of projects undertaken with Federal-aid secondary road funds made available for the fiscal years ending June 30, 1938, and June 30, 1939.

Separate tables are shown for each program and also a table showing preliminary expenses on account of work anticipated for the fiscal year ending June 30, 1940.

**FEDERAL AID FUND FOR  
CONSTRUCTION AND  
EXPENDITURES TO DECEMBER 31, 1938 OF**

**HAYDEN-CARTWRIGHT ACT**

Proj. No. F. A. S.	Class of Highway	Location		Route	Engineering and Right of Way					Total
		County	Town		Surveys	Plans & Computations	Right of Way	Advertising	Engineering and Inspec.	
202-D	S. A.	Androscoggin	Durham	136	35.12	17.00			233.71	285.83
343-B	S. H.	Androscoggin	Poland	11			37.18		233.71	270.89
320-B	S. A.	Androscoggin	Turner	117	7.25	2.50			184.02	193.77
277-B	S. H.	Aroostook	Glenwood	2-A	60.55	15.80			332.79	409.14
305-B	S. H.	Aroostook	Haynesville	2-A	51.21	119.37	200.00		440.17	810.75
324-B	S. A.	Cumberland	Brighton-Waterford	35	13.84		45.00		227.01	285.85
202-E	S. A.	Cumberland	Freeport	136	38.12	29.60			227.56	295.28
10-A	S. A.	Cumberland	Gray		.65	139.40	20.00		442.34	602.39
156-B	S. A.	Cumberland	Harpswell	24	26.44	78.00			806.40	910.84
211-B	S. A.	Cumberland	Sebago		17.84		5.00		232.77	255.61
212-C	S. A.	Franklin	Jay	133					164.03	164.03
8	S. A.	Franklin	Jerusalem	27	5.25	.80			170.26	176.31
3	S. A.	Kennebec	Mt. Vernon	211	12.50				244.10	256.60
2	S. A.	Kennebec	Sidney	24					95.10	95.10
329-B	S. A.	Kennebec	Sidney	104					2.99	2.99
333-B	S. A.	Knox	Camden	105	3.35				178.63	181.98
4	S. A.	Knox	Warren	137	1.60	.80			249.36	251.76
20-A	S. A.	Hancock	Deer Isle-Sedgwick	172	470.02	313.51	705.86	49.86	1,423.81	2,963.06
213-B	S. H.	Hancock	Penobscot	15	17.12	16.00			577.51	610.63
229-B	S. A.	Lincoln	Dresden	197	48.48	47.45			272.67	368.60
5	S. A.	Oxford	Bethel	120		6.00			516.07	522.07
337-B	S. A.	Penobscot	Bradford	11	8.96	208.50			168.43	385.89
335-B	S. A.	Penobscot	Dexter	24	22.20	72.51	6.66		133.65	235.02
235-D	S. A.	Penobscot	Prentiss	169	23.08	37.58			147.76	208.42
319-B	S. A.	Piscataquis	Big Squaw Mt. Twp.	15	8.00	46.66			82.09	136.75
337-C	S. A.	Piscataquis	Orneville	11	6.80	58.00			15.64	80.44
264-B	S. A.	Sagadahoc	Richmond	24	7.72				199.36	207.08
286-C	S. H.	Somerset	Cornville	150	21.24	89.34			103.19	213.77
11-A	S. A.	Somerset	Jackman	195	5.96	70.17	20.25		103.98	200.36
287-C	S. A.	Somerset	Ripley	154	13.80	39.32			227.07	280.19
159-C	S. A.	Waldo	Brooks	139	3.35				243.35	246.70
12-A	S. A.	Waldo	Searsmont	131	5.32	3.50			182.88	191.70
6-A	S. A.	Washington	East Machias	191		14.83			187.57	202.40
171-D	S. A.	Washington	Kossuth	16	4.40	28.34			90.46	123.20
195-C	S. A.	York	Berwick	103	49.45	14.25			239.15	302.85
289-C	S. A.	York	Buxton		2.80				97.45	100.25
7	S. A.	York	Kennebunk		13.89				166.06	179.95
		Grand Totals	Net		1,006.31	1,469.23	1,039.95	49.86	9,643.10	13,208.45
		Miscellaneous	Charges Deductible						17.25	17.25
		Gross Total per	Controllers Report		1,006.31	1,469.23	1,039.95	49.86	9,660.35	13,225.70



**SECONDARY HIGHWAYS  
RECONSTRUCTION  
PROJECTS IN THE PROGRAM FOR FISCAL YEAR 1938**

OF JUNE 16, 1936

Total Labor and Materials	Total Expenditures for 1938	Expenditures for 1937	Total Expenditures to Dec. 31, 1938	Federal Credits	Lg. of Proj. 'Mi.'	Constr. Data		Contractor
						Wd. of Base	Surface and Should.	
3,351.10	3,636.93	9,696.85	13,333.78	4,650.00	0.69	18'	All sections built with Bituminous Treated Gravel Surface and three foot shoulders	Work done by State
2,511.46	2,782.35	7,188.36	9,970.71	3,150.00	0.68	20'		R. G. Watkins & Son Inc., Amesbury, Mass.
1,171.71	1,365.48	5,563.73	6,929.21	2,516.00	0.34	18'		Work done by State
11,693.10	12,102.24	412.18	12,514.42	.....	0.78	20'		W.H. Hinman Inc. N. Anson, Me.
11,996.58	12,807.33	10,230.48	23,037.81	4,906.00	1.76	20'		W.H. Hinman Inc. N. Anson, Me.
2,506.13	2,791.98	8,126.75	10,918.73	4,000.00	0.52	18'		Work done by State
2,725.40	3,020.68	8,794.40	11,815.08	4,200.00	0.48	18'		Work done by State
3,175.83	3,778.22	5,452.38	9,230.60	2,590.00	0.45	18'		Work done by State ]Mass.
9,652.80	10,563.64	12,512.72	23,076.36	6,138.00	0.80	18'		C. C. Smith Inc., Cambridge, Conn.
3,007.92	3,263.53	7,566.18	10,829.71	3,500.00	0.49	18'		Work done by State
836.40	1,000.43	8,089.06	9,089.47	3,375.00	0.51	18'		Work done by State
978.68	1,154.99	5,754.73	6,909.72	2,625.00	0.32	18'		Work done by State
4,501.00	4,757.60	8,615.04	13,372.64	3,850.00	1.27	18'		Work done by State
1,161.17	1,256.27	9,442.11	10,698.38	4,290.00	0.83	18'		Work done by State
378.68	381.67	6,706.89	7,088.56	3,208.00	0.49	18'		Work done by State
1,740.17	1,922.15	7,139.84	9,061.99	2,646.00	0.37	18'		Work done by State
1,543.37	1,795.13	8,947.60	10,742.73	4,176.00	0.76	18'		Work done by State
13,583.11	16,546.17	16,546.17	16,546.17	.....	0.87	18'		J. R. Cianchette, Pittsfield, Me.
6,886.24	7,496.87	12,360.47	19,857.34	5,976.00	1.31	18'		J. R. Cianchette, Pittsfield, Me.
4,574.29	4,942.89	10,208.44	15,151.33	4,860.00	1.10	18'		Work done by State
6,970.71	7,492.78	13,223.65	20,716.43	6,368.00	1.46	18'		W. H. Hinman Inc., N. Anson, Me.
4,751.76	5,137.65	14,392.72	19,530.37	7,150.00	0.83	18'		Work done by State
2,041.36	2,276.38	10,406.27	12,682.65	4,800.00	0.79	18'		Work done by State
5,824.69	6,033.11	11,355.79	17,388.90	5,390.00	1.00	18'		Work done by State
1,080.26	1,217.01	5,608.02	6,825.03	2,470.00	0.58	18'		Work done by State
622.93	703.37	5,335.16	6,038.53	1,755.00	0.49	18'		Work done by State
3,425.46	3,632.54	9,012.52	12,645.06	4,200.00	0.31	18'		Work done by State
2,602.08	2,815.85	9,489.92	12,305.77	4,290.00	0.95	18'		Work done by State
2,116.37	2,316.73	5,047.16	7,363.89	1,645.00	0.72	18'		Work done by State
1,995.26	2,275.45	6,463.29	8,738.74	3,000.00	0.36	18'		Work done by State
2,249.25	2,495.95	5,921.57	8,417.52	2,700.00	0.70	18'		Work done by State
2,692.02	2,883.72	5,507.09	8,390.81	2,560.00	0.60	18'		Work done by State
3,934.98	4,137.38	6,144.97	10,282.35	2,915.00	1.27	18'		P. E. Soule & Co., Pittsfield, Me.
649.00	772.20	6,117.73	6,889.93	2,265.00	0.42	18'		Work done by State
5,343.88	5,646.73	167.78	5,814.51	.....	0.34	18'		Work done by State
1,550.60	1,650.85	7,000.30	8,651.15	3,348.00	0.48	18'		R. G. Watkins & Son Inc., Amesbury, Mass.
3,820.15	4,000.10	9,638.23	13,638.33	4,543.00	1.76	18'		Work done by State
139,645.90	152,854.35	283,640.38	436,494.73	130,055.00	27.88			
4,742.09	4,759.34	1,762.85	6,522.19	.....	.....			
144,387.99	157,613.69	285,403.23	443,016.92	130,055.00	27.88			

Length completed 1937 ..... 18.94  
 Length completed 1938 ..... 8.37  
 Length carried over to 1939 ..... 0.57

**FEDERAL AID FUND FOR  
CONSTRUCTION AND  
EXPENDITURES TO DECEMBER 31, 1938 OF  
HAYDEN-CARTWRIGHT ACT**

Proj. No. F.A.S.	Class of Highway	Location		Route	Engineering and Right of Way					Total
		County	Town		Surveys	Plans & Computations	Right of Way	Advertising	Engineering and Inspc.	
320-C	S.A.	Androscoggin	Turner-Buckfield	117	114.49	375.11	4.25	29.28	802.79	1,325.92
9-A	S.A.	Androscoggin	Wales	132	144.42	224.50		4.42	367.79	741.13
277-C	S.H.	Aroostook	Glenwood	2-A	114.56	318.56	97.65	39.25	1,070.80	1,640.82
10-B	S.A.	Cumberland	Gray-Raymond		162.23	502.26	15.65	112.96	949.92	1,743.02
156-C	S.A.	Cumberland	Harpwell	24	275.46	390.74	77.30	34.05	783.23	1,560.78
15-A	S.A.	Cumberland	Otisfield	121	250.65	317.73	17.50	36.66	745.78	1,368.32
211-C	S.A.	Cumberland	Sebago	107	35.12	218.40		38.75	776.36	1,068.63
8-B	S.A.	Franklin	Jerusalem	27	187.48	288.78		20	440.19	916.65
172-B	S.A.	Franklin	Weld-Phillips	142	326.76	159.00			31.75	517.51
213-C	S.H.	Hancock	Penobscot	15	63.64	140.33		41.26	867.70	1,112.93
330-B	S.A.	Kennebec	Fayette	17	93.25	172.81		20	386.89	653.15
329-C	S.A.	Kennebec	Sidney	104	34.70	332.73	70.56	2.00	571.29	1,011.28
4-B	S.A.	Knox	Warren	137	68.09	287.85	9.65	36.27	635.50	1,037.36
16-A	S.A.	Lincoln	Damariscotta	129	107.20	309.24		154.34	695.33	1,266.11
167-D	S.A.	Oxford	Albany	5	218.00	280.15			1.78	499.93
255-C	S.A.	Oxford	Paris-Buckfield	117	376.48	542.89	132.70	38.05	309.95	1,400.07
324-C	S.A.	Oxford	Watford	35	47.12	137.05	11.85	42.65	619.91	858.58
337-D	S.A.	Penobscot	Bradford-Orneville	11	157.34	214.89		2.05	718.96	1,093.24
236-E	S.H.	Penobscot	Dixmont	7	45.56	209.95		5.46	636.14	897.11
235-E	S.A.	Penobscot	Prentiss	169	194.40	267.38		3.91	427.69	893.38
319-C	S.A.	Piscataquis	Big Squaw	15	59.52	83.82			160.06	303.40
264-C	S.A.	Sagadahoc	Richmond	24	29.82	174.15		1.84	347.26	553.07
286-D	S.H.	Somerset	Cornville	150	107.72	382.26			400.53	890.51
11-B	S.A.	Somerset	Jackman	195	85.14	118.75			324.81	528.70
287-D	S.A.	Somerset	Ripley	154	133.74	142.59			399.63	675.96
159-D	S.A.	Waldo	Brooks	139	190.25	338.10	8.15	20	460.72	997.42
17-A	S.A.	Waldo	Winterport	139	144.61	408.29	7.50	2.68	417.77	980.85
6-B	S.A.	Washington	East Machias	191	9.35	201.15		2.59	501.13	714.22
198-B	S.A.	Washington	Millbridge	1-A	22.49	161.87	10.65	9.36	878.15	1,082.52
171-E	S.A.	Washington	Topsfield	16	231.75	223.58		30	328.22	783.85
19-A	S.H.	York	Dayton	5	193.79	458.33	1,278.48	25.06	789.21	2,744.87
7-B	S.A.	York	Kennebunk		87.43	350.35	19.15	7.11	697.61	1,161.65
346-D	S.H.	York	Parsonfield	203	31.24	260.60	21.00	14.35	584.83	912.02
		Grand Totals	Net		4,343.80	8,994.19	1,782.04	685.25	18,129.68	33,934.96
		Miscellaneous	Charges Deductible		10.75					10.75
		Gross Total per	Controllers Report		4,354.55	8,994.19	1,782.04	685.25	18,129.68	33,945.71

**SECONDARY HIGHWAYS  
RECONSTRUCTION  
PROJECTS IN THE PROGRAM FOR FISCAL YEAR 1939**

OF JUNE 16, 1936

Total Labor and Materials	Total Expenditures for 1938	Expenditures for 1937	Total Expenditures to Dec. 31, 1938	Federal Credits	Lng. of Proj. 'Mi.'	Constr. Data		Contractor
						Wd. of Base	Surface and Should.	
8,005.98	9,331.90	150.50	9,482.40		1.09	18'	Treated Gravel Surface Proj. No. F.A.S. 16-A	Ralph Giovannucci, Pittsfield, Me.
8,736.08	9,477.21		9,477.21	4,050.00	0.53	18'		Work done by State
19,489.93	21,130.75	149.77	21,280.52	9,922.00	0.91	20'		W.H.Hinman Inc. N. Anson, Me.
10,942.58	12,685.60	173.86	12,859.46	5,040.00	1.16	18'		R. Giovannucci, Pittsfield, Me.
14,081.71	15,642.49	53.15	15,695.64		1.08	18'		Chas. E. Horne, Millbury, Mass.
8,806.00	10,174.32	204.33	10,378.65	4,960.00	0.61	18'		C. C. Smith Co, Cambridge, "
10,388.58	11,457.21	206.25	11,663.46	5,053.00	0.61	18'		C. C. Smith Co., Cambridge, "
9,424.88	10,341.53	190.85	10,532.38	4,515.00	0.37	18'		Work done by State [Mass.]
	517.51		517.51		0.97	18'		Ford & Smiley, Skowhegan, Me.
11,766.16	12,879.09	270.85	13,149.94	2,574.00	0.99	18'		Bdg. Con. Cor., Augusta, Me.
11,486.71	12,139.86	130.70	12,270.56	2,990.00	0.70	18'		Work done by State
17,741.73	18,753.01	163.50	18,916.51	4,620.00	1.10	18'		Work done by State
12,942.09	13,979.45	167.81	14,147.26	3,127.00	0.67	18'		Bdg. Const. Cor., Augusta, Me.
6,779.21	8,045.32	115.20	8,160.52	3,850.00	0.76	20'		Pre Mix Bit. Gra 3 Shoul.
	499.93		499.93		0.90	18'	All sections built with Bituminous and three foot shoulders except	Chas. E. Horne, Millbury, Mass.
1,264.77	2,664.84	291.05	2,955.89		1.23	18'		Ralph Giovannucci, Pittsfield, Me.
6,281.18	7,139.76	24.45	7,164.21	3,010.00	0.57	18'		C. C. Smith Co., Cambridge, "
24,215.11	25,308.35	31.08	25,339.43	5,600.00	2.35	18'		Work done by State [Mass.]
14,106.39	15,003.50	167.19	15,170.69	2,550.00	0.76	18'		Chas. E. Horne, Millbury, Mass.
6,216.50	7,109.88	115.86	7,225.74	4,500.00	0.80	18'		Work done by State
5,174.10	5,477.50	18.67	5,496.17	1,800.00	0.56	18'		Work done by State
7,139.56	7,692.63	56.60	7,749.23	1,296.00	0.37	18'		Work done by State
10,711.68	11,602.19	167.60	11,769.79	2,255.00	0.82	18'		Work done by State
5,393.69	5,922.39	55.49	5,977.88	2,480.00	0.44	18'		Work done by State
7,647.25	8,323.21	74.31	8,397.52	2,320.00	0.68	18'		Work done by State
7,039.48	8,036.90	107.45	8,144.35		0.78	18'		Work done by State
8,006.35	8,987.20	87.00	9,074.20		0.53	18'		Work done by State
9,037.02	9,751.24	175.20	9,926.44	4,237.00	0.95	18'		Work done by State
6,834.82	7,917.34		7,917.34	3,150.00	0.37	18'	Ralph Giovannucci, Pittsfield	
12,404.93	13,188.78	99.60	13,288.38		0.53	18'	Work done by State	
12,305.98	15,050.85		15,050.85		0.34	20'	Hagan Thibodeau Const. Co. Wolfeboro, N. H.	
10,212.90	11,374.55	185.05	11,559.60	1,860.00	1.27	18'	Thos. W. Watkins & Son, Inc., Amesbury, Mass.	
7,624.91	8,536.93	224.40	8,761.33		0.62	18'	Hagan Thibodeau Const. Co., Wolfeboro, N. H.	
312,208.26	346,143.22	3,857.77	350,000.99	85,759.00	26.42			
1,642.96	1,653.71		1,653.71					
313,851.22	347,796.93	3,857.77	351,654.70	85,759.00	26.42			

Length completed 1938 . . . . . 21.95  
Length carried over to 1939 . . . . . 4.47

**FEDERAL AID FUND FOR SECONDARY HIGHWAYS  
EXPENDITURES TO DECEMBER 31, 1938  
OF PROJECTS IN THE PROGRAM FOR FISCAL YEAR 1940 AND UNCLASSIFIED PROJECTS;  
ALSO SUMMARY OF TOTAL EXPENDITURES OF FEDERAL AID FUND FOR  
SECONDARY HIGHWAYS TO DECEMBER 31, 1938**

Expenditures in Year	F.A.S. Fund	Location			Engineering and Right-of-Way					Total Labor and Materials	Total Expenditures for 1937	Total Expenditures for 1938	Total Expenditures to Dec. 31, 1938	Total Credits to Dec. 31, 1938
		County	Town	Rt.	Surveys	Plans & Computations	Right of Way	Engineering & Insp.	Total					
1937	1940	Aroostook	Forkstown	2-A	146.37					146.37	146.37		146.37	
1937		Hancock	Tremont	102	231.20					231.20	231.20		231.20	
1937	1940	Knox	Camden-Hope	105	153.36	23.34				176.70	176.70		176.70	
1937	1940	Penobscot	Carroll	16	92.40					92.40	92.40		92.40	
1937		Penobscot	Holden			2.25				2.25	2.25		2.25	
1938	1940	Aroostook	Forkstown	2-A	40.87	203.60		55.00		299.47		299.47	299.47	
1938		Aroostook	Fort Kent	161	7.48		8.50	1.00		16.98	228.04	299.47	245.02	
1938		Aroostook	Limestone		158.79	163.25				322.04	2,536.44	2,858.48	2,858.48	
1938		Hancock	Tremont	102	13.67					13.67		13.67	13.67	
1938	1940	Knox	Hope	105	9.89	70.68				80.57		80.57	80.57	
1938	1940	Penobscot	Carroll	16	13.25					13.25		13.25	13.25	
1938		Penobscot	Holden			17.25				17.25		17.25	17.25	
1938		Androscoggin	Greene		92.20					92.20		92.20	92.20	
1938		Androscoggin	Wales	132	262.45					262.45		262.45	262.45	
1938		Cumberland	Otisfield	121	388.40					388.40		388.40	388.40	
1938	1940	Cumberland	Standish	35	179.40					179.40		179.40	179.40	
1938		Franklin	Jerusalem	27	118.25					118.25		118.25	118.25	
1938	1940	Hancock	Blue Hill	15	124.95					124.95		124.95	124.95	
1938		Kennebec	Fayette	17	6.45					6.45		6.45	6.45	
1938	1940	Knox	Hope	105	699.65			7.50		707.15		707.15	707.15	
1938	1940	Lincoln	Dresden	197	177.78			21.05		198.83		198.83	198.83	
1938	1940	Oxford	Hartford	140	414.75			7.50		422.25		422.25	422.25	
1938	1940	Penobscot	Carroll	16	155.25			7.50		162.75		162.75	162.75	
1938	1940	Penobscot	Exeter	11	128.24					128.24		128.24	128.24	
1938	1940	Piscataquis	Milo	16	210.12	1.75				211.87		211.87	211.87	
1938		Sagadahoc	Bowdoinham	24	157.25	70.00		8.00		235.25		235.25	235.25	
1938		Somerset	Cornville	150	32.14					32.14		32.14	32.14	
1938	1940	Somerset	Jackman	195	6.50			6.66		13.16		13.16	13.16	
1938	1940	Somerset	Ripley	154	139.00					139.00		139.00	139.00	
1938	1940	Waldo	Winterport	139	102.30					102.30		102.30	102.30	
1938	1940	Washington	Topsfield	16	197.35			7.50		204.85		204.85	204.85	
1938	1940	York	Dayton	5	118.83			13.50		132.33		132.33	132.33	
Total					4,578.54	552.12	8.50	135.21	5,274.37	2,764.48	648.92	7,389.93	8,038.85	
Total Expenditures listed above in 1940 Program and Unclassified Secondary Highway Projects											648.92	7,389.93	8,038.85	
Total Net Expenditures listed in 1938 and 1939 Programs of Secondary Highway Projects											287,498.85	498,997.57	786,495.72	
Miscellaneous Charges Deductible											1,762.85	6,413.05	8,175.90	
Allotment by State of Maine														500,000.00
Federal Aid Funds Received														215,814.00
Miscellaneous Credits														8,175.90
Gross Total per Controllers Report											289,909.92	512,800.55	802,710.47	723,989.90

**FEDERAL GRANTS**

The following tables show:

1. Expenditures on U. S. Public Works N.R.S. projects (1935) Hayden-Cartwright Act of 1934. Expenditures on Project N.R.S. 274-C complete the program. Mileage was previously reported.
2. Expenditures on W.P.H., W.P.S.S. and W.P.M.H. projects of the U. S. Works Program (Emergency Relief Appropriation Act of 1935). Mileage previously reported.
3. Expenditures on W.P.S.O. projects of the U. S. Works Program (Emergency Relief Appropriation Act of 1935). 1.15 miles completed in 1938.

**CONSTRUCTION**  
**U. S. PUBLIC WORKS N.R.S. PROJECTS—1935**  
**(HAYDEN-CARTWRIGHT ACT OF 1934)**  
**EXPENDITURES TO DECEMBER 31, 1938**

Project No. N.R.S. 1935	Location	Class of Highway	Cost of Labor and Materials for 1938	Total Expenditures for 1938	Expenditures for 1937	Expenditures for 1936	Total Expenditures to Dec. 31, 1938	Total Credits to Dec. 31, 1938	Type of Surface	Length of Project	
274-C	Howland .....	S.H.	85.22	85.22	7,577.84	7,817.91	15,480.97	15,480.97	Gravel	0.87	
	All Other Projects .....						541,722.18	541,722.18	.....	35.68	
	Gross Total per Controllers Report .....							557,203.15	557,203.15		36.55

Note: The only Change in Expenditures in this Report over the 1937 Report is the Charges against Project No. N.R.S. 274-C. All mileage completed previous to 1938.

**UNITED STATES WORKS PROGRAM**  
**CONSTRUCTION AND RECONSTRUCTION EXPENDITURES ON STATE HIGHWAYS**  
**JANUARY 1, 1938 TO DECEMBER 31, 1938**

Project No.	Highway	Town	Eng'ring and Inspection	Total	Labor and Materials	Grand Total
W.P.H. 298-A	K	Monticello .....	22.50	22.50	.....	22.50
W.P.S.S. 286-B	150	Cornville .....			0.04	0.04
W.P.S.S. 236-C	D	Jackson .....			0.01	0.01
W.P.S.S. 343	K-3	Caribou .....			153.86	153.86
W.P.M.H. 296-C	P	Augusta .....			146.80	146.80
W.P.M.H. 40-D	Q	Hallowell .....			29.75	29.75
W.P.M.H. 68-D	L	Belfast .....			811.39	811.39
		Totals .....	22.50	22.50	1,141.85	1,164.35

**CONSTRUCTION**  
**U. S. WORKS PROGRAM HIGHWAY PROJECTS—W.P.S.O.**  
**(EMERGENCY RELIEF APPROPRIATION ACT OF 1935)**  
**EXPENDITURES TO DECEMBER 31, 1938**

Project No. W.P.S.O.	Location	Class of Highway	Expenditures for 1938	Expenditures previous to 1938	Total Expenditures to Dec. 31, 1938	Federal Credits to Dec. 31, 1938	Misc. Credits to Dec. 31, 1938	Type of Surface	Length completed in 1938	Length completed previous to Jan. 1, 1938	Total length of Project
202-C	Androscoggin County Durham	S.A.		15,194.90	15,194.90	13,500.00	1,694.90	Gravel		0.80	0.80
310	Aroostook County Caribou	S.A.	215.44	15,719.81	15,935.25	15,654.00	435.11	Gravel		1.02	1.02
306	Castle Hill	S.A.	404.10	33,204.08	33,608.18	33,398.00	210.18	Gravel		1.93	1.93
305	Haynesville	S.A.		15,769.28	15,769.28	15,685.51	83.77	Gravel		1.13	1.13
372	Limestone	S.A.	11,828.09	11,828.09	11,828.09			Gravel	0.86		1.06
307	Moro	S.A.		10,628.32	10,628.32	10,064.55	563.77	Gravel		0.37	0.37
207-C	Wallagrass	S.A.	13.75	13,393.22	13,406.97	11,500.00	1,309.62	Gravel		0.86	0.86
323	Cumberland County Freeport	T.C.		9,825.16	9,825.16	9,756.86	68.30	Gravel		0.97	0.97
325	Standish	S.A.	1,779.44	10,998.86	12,778.30	5,313.00	68.13	Gravel	0.05	0.52	0.57
262-C	Hancock County Gouldsboro	S.A.	2,175.64	9,934.17	12,109.81	7,587.00	15.93	Gravel	0.15	0.60	0.75
214-C	Mariaville	S.A.		5,730.18	5,730.18	5,633.00	97.18	Gravel		0.21	0.21
	Waltham	S.A.									
330	Kennebec County Fayette	S.A.		11,490.33	11,490.33	11,322.25	168.08	Gravel		0.82	0.82
328	Litchfield	T.C.		9,377.26	9,377.26	8,693.03	684.23	Gravel		0.58	0.58
332	Winthrop-Wayne	S.A.		30,449.39	30,449.39	27,950.00	4,012.39	Gravel		0.74	0.74
333	Knox County Camden	S.A.		16,911.77	16,911.77	16,777.99	133.78	Gravel		1.52	1.52
316	Oxford County Denmark	S.A.	174.71	11,404.97	11,579.68	11,501.00	78.68	Gravel		0.45	0.45
337	Penobscot County Bradford	S.A.		5,729.51	5,729.51	5,687.22	42.29	Gravel		0.66	0.66
317	Piscataquis County Medford	S.A.		7,850.35	7,850.35	7,777.32	73.03	Gravel		0.41	0.41
166-C	Sagadahoc County Phippsburg	S.A.	1,024.56	16,283.37	17,307.93	11,060.00	16.86	Gravel	0.09	0.60	0.69
248-C	Washington County Baileyville	S.A.	220.82	15,767.17	15,987.99	15,830.00	157.99	Gravel		0.90	0.90
171-C	Kossuth	S.A.	296.96	22,622.05	22,919.01	21,049.00	1,870.01	Gravel		0.99	0.99
341	Machiasport	S.A.	216.46	16,584.93	16,801.39	16,621.00	180.39	Gravel		0.64	0.64
342	York County Kennebunkport	S.A.	105.28	10,835.43	10,940.71	10,306.00	634.71	Gravel		0.31	0.31

TOTAL PROGRAM 1935-1938 inc.	
Total Expenditures for 1938	*18,455.25
Total Expenditures previous to 1938	779,489.68
Total Expenditures to Dec. 31, 1938	*797,944.93
Total Credits to Dec. 31, 1938	769,070.48

W.P.S.O. PROJECTS	
Total Length completed 1938	1.15 mi.
Total Length completed previous to 1938	45.07 "
Total Length completed to Dec. 31, 1938	46.22 mi.

Note: This Report shows only those Projects on which there were expenditures or credits during the year 1938. For further information re. W.P.S.O. Expenditures, see Report for year 1937.

STATE HIGHWAY COMMISSION

1938

## BRIDGE CONSTRUCTION

In 1938 bridge construction was increased because of two allotments from U. S. Public Works Administration funds. One, of \$270,000.00, is used for a group of 28 bridges and the other, \$91,800.00, is for the Southport bridge. PWA funds take care of 45 per cent of the cost, except preliminary engineering, and therefore permit more work with the limited state funds available.

The Commission authorized an expenditure of approximately \$300,000.00 for bridges from Federal Aid funds, permitting the construction of two major bridges in Kittery and Farmington on the Federal Aid system.

This year 60 bridges were placed under construction. Of this number twenty-three were state projects, two state projects with some labor from WPA, twenty-nine PWA projects, two Federal Aid projects and four Federal Aid Grade Crossing projects.

The State's portion of the cost of construction was paid from funds authorized by Chapter 229, Public Laws of 1937.

The following bridges were placed under construction in 1938:

## 1938 REPORT

Town and County	Contractor	Est. Cost	Description
Albany . . . . . Oxford	Stewart & Williams, Inc. . . . .	\$13,150	Cal Cummings Bridge, PWAP project No. Maine 1096-19F; concrete slab span, clear span length 19 ft. 9½ in. along centerline of road, skew 45°, concrete abutments, concrete bottom slab; 22 ft. roadway, concrete surface; new location.
Alna . . . . . Lincoln	Force Account. . . . .	10,700	John Erskine Bridge; concrete slab span, clear span length 10 ft., reinforced concrete abutments, concrete bottom slab; 46 ft. 10¼ in. between curbs providing for 26 ft. roadway on fill.
Bingham . . . . . Somerset	Force Account. . . . .	14,000	Reynolds No. 2 Bridge; steel I-beam span, 66 ft. 3 in. center to center of bearings along centerline of roadway, 37° 30' skew, concrete abutments; concrete floor slab, 24 ft. roadway, concrete surface.
Bowdoin . . . . . Sagadahoc	Force Account. . . . .	3,900	Blacksmith Shop Bridge; concrete slab span, clear span length 10 ft. 4½ in. along centerline of road, skew 15°, concrete abutments, concrete bottom slab; 22 ft. roadway.
Bucksport . . . . . Hancock	Ralph L. Cianchette	10,600	Stubbs Brook Bridge No. 2, PWA Project No. Maine 1096-1F; concrete slab span, clear span length 26 ft. along centerline of road, skew 20°, concrete abutments, concrete struts, pile foundation; 22 ft. roadway, concrete surface.



Town and County	Contractor	Est. Cost	Description
Cambridge Somerset	Force Account	10,600	Ferguson Bridge (Ripley Road); reinforced concrete rigid frame structure; clear span length 20 ft.; 22 ft. roadway, concrete surface.
Cambridge Somerset	Force Account	12,900	Knickerbocker Bridge; concrete T-beam span, clear span length 25 ft. along centerline of road, skew 45°, concrete abutments; 22 ft. roadway, concrete surface; new location.
Camden Knox	Force Account	4,700	Carle Brook Bridge; common labor provided for by WPA; concrete slab span, clear span length 10 ft., reinforced concrete abutments, concrete bottom slab on log grillage; 22 ft. roadway, concrete surface.
Camden Knox	Force Account	15,700	Fish Hatchery Bridges; common labor provided by W.P.A.; two bridges, each bridge consists of a concrete slab span, clear span length 15 ft., concrete abutments; 22 ft. roadway, concrete surface.
Corinth Penobscot	Walter V. Mitton, Inc.	12,900	Chapman Bridge, PWA Project No. Maine 1096-15F; concrete T-beam span, clear span length 36 ft. 5 in. along centerline of road, skew 25°, concrete abutments; 23 ft. roadway, concrete surface.
Crawford Washington	Force Account	5,700	Rocky Brook Bridge; concrete slab span, clear span length 20 ft., concrete abutments; 22 ft. roadway, concrete surface; new location.
Enfield Penobscot	H. L. Goodrich	11,650	Cold Stream Bridge, PWA Project No. Maine 1096-5P; concrete slab span, clear span length 15 ft., reinforced concrete abutments; 50 ft. between curbs providing for 24 ft. roadway and 5 ft. sidewalk on fill.
Falmouth Cumberland	Edgar Cyr	10,000	Merrill Bridge; reinforced concrete rigid frame structure, clear span length 30 ft.; 22 ft. roadway, concrete surface; 4 ft. sidewalk.
Farmington Franklin	Wyman & Simpson, Inc. Substructure & Floor  Lackawanna Steel Construction Cor- poration Steel Superstructure	138,000	Center Bridge, Federal Aid Project No. 96-C; 3 steel thru plate girder spans, one 100 ft. center suspended span, two 25 ft. intermediate cantilever arms, two 100 ft. end spans; two concrete abutments, one counterfort, reinforced concrete abutment, two concrete piers, pile foundation, one abutment and one pier; 24 ft. roadway, one approach span flared, bituminous concrete surface, two 6 ft. sidewalks; also a concrete slab span, clear span length 10 ft., reinforced concrete abutments, concrete bottom slab; 60 ft. between curbs providing for minimum 27 ft. roadway and 5 ft. sidewalk on fill.
Farmington Franklin	Walter V. Mitton, Inc.	13,000	Hamlin Bridge; steel I-beam span, 60 ft. center to center of bearings along centerline of roadway, 30° skew, concrete abutments; concrete floor slab; 24 ft. roadway, concrete surface; new location.
Gardiner-Randolph Kennebec	Lackawanna Steel Construction Cor- poration	92,500	Gardiner-Randolph Bridge, PWA Project No. Maine 1096-27F; steel thru truss center bearing swing span, 171 ft. 10 in. center to center of bearings, electrically operated; wood strip floor, asphalt plank surface; 24 ft. roadway, 6 ft. sidewalk.

Town and County	Contractor	Est. Cost	Description
Gorham . . . . . Cumberland	Force Account . . . . .	4,200	Shad Gully Bridge; 11 ft. 3 in. full round corrugated metal plate culvert, providing for 24 ft. roadway on fill.
Grand Lake Str. Pl. Washington	Hector J. Cyr Co., Inc. . . . .	30,650	Musquash Bridge, PWA Project No. Maine 1096-26F; 3 steel I-beam spans, each span 45 ft. center to center of bearings along centerline of roadway. 30° skew, creosoted timber pile bents for piers and abutments; wood strip floor, asphalt plank surface; 22 ft. roadway; new location.
Greenwood . . . . . Oxford	J. R. Partridge . . . . .	7,000	Johnnies Bridge; concrete slab span, clear span length 15 ft. along centerline of road, 45° skew, concrete abutments, concrete bottom slab; 26 ft. roadway, concrete surface, new location.
Harmony . . . . . Somerset	P. E. Susi & Co. . . . .	6,500	Ferguson Bridge (Ripley Road); concrete slab span, clear span length 15 ft. along centerline of roadway, 25° skew, reinforced concrete abutments, concrete bottom slab; 22 ft. roadway, concrete surface.
Harrington . . . . . Washington	Sweetser Brothers . . . . .	11,000	Fryeville Bridge; Steel I-beam span, 45 ft. center to center of bearings, stone filled log crib abutments, wood strip floor, asphalt plank surface; 22 ft. roadway, new location.
Harrington . . . . . Washington	Ralph Giovannucci . . . . .	33,000	Plummers Bridge; reinforced concrete rigid frame structure, abutments stone faced, clear span length 70 ft.; 24 ft. roadway, concrete surface, two 2 ft. refuge sidewalks.
Hebron . . . . . Oxford	Reed & Reed . . . . .	10,000	Bicknell Bridge; concrete slab span, clear span length 22 ft., concrete abutments, concrete struts; 22 ft. roadway, concrete surface.
Hermon . . . . . Penobscot	The Rogers Construction Company, Inc.	10,550	Goodspeed Bridge, PWA Project No. Maine 1096-18F; three steel I-beam spans, 2 end spans each 20 ft. center to center of bearings, center span 25 ft. center to center of bearings, creosoted timber pile bents for piers and abutments; wood strip floor; 22 ft. $\frac{3}{4}$ in. roadway, asphalt plank surface.
Houlton . . . . . Aroostook	Hector J. Cyr Co., Inc. . . . .	39,600	Smyrna Street Railroad Crossing, Federal Aid Project FAGII 145-A; highway under pass, one steel thru plate girder span, 62 ft. center to center of bearings, concrete abutments; clear width of highway 32 ft., macadam surface, 2 5-ft. sidewalks.
Jackson . . . . . Waldo	Reed & Reed . . . . .	8,000	Great Farm Bridge; steel I-beam span, 35 ft. center to center of bearings along centerline of roadway, 30° skew, concrete abutments; concrete floor slab, 22 ft. roadway, concrete surface.

Town and County	Contractor	Est. Cost	Description
Kittery . . . . . York	Ellis C. Snodgrass . . . Substructure and Floor  Harris Structural Steel Co., Inc. . . . . Steel Superstructure	168,000	Badger Island Bridge, Federal Aid Project No. 83-B; 5 steel continuous deck plate girder spans, 3 intermediate spans each 110 ft. center to center of bearings, 2 end spans each 85 ft. center to center of bearings, concrete column abutments and piers, pier columns encased in wrought iron cylinders, steel pile foundation, one pier; 34 ft. roadway, bituminous concrete surface, 2 6-ft. sidewalks.
Limington . . . . . York	Force Account . . . . .	14,000	Creek Bridge; concrete slab span, clear span length 15 ft. 6 $\frac{3}{4}$ in. along centerline of roadway, 15° skew, concrete abutments; 22 ft. roadway, concrete surface, new location.
Lincoln . . . . . Penobscot	Odilon J. Cyr . . . . .	6,700	Frost Street Bridge, PWA Project No. Maine 1096-6F; concrete slab span, clear span length 20 ft., concrete abutments, concrete struts; 22 ft. roadway, concrete surface.
Lisbon . . . . . Androscoggin	Force Account . . . . .	2,700	Barker Brook Bridge; concrete slab span, clear span length 12 ft., concrete abutments; 22 ft. roadway, concrete surface.
Masardis . . . . . Aroostook	The Bridge Construction Corporation . .	30,300	Aroostook River Bridge, PWA Project No. Maine 1096-28F; concrete jacketing of existing abutments, new concrete wings.
Mechanic Falls . . . . . Androscoggin	Wyman & Simpson, Inc. . . . .	62,340	Railroad Crossing, Federal Aid Project No. FAGH 106-E; concrete slab span, clear span length 45 ft. along centerline of tracks, skew 44° 41', railroad overhead crossing structure, concrete abutments, pile foundation; clear width of highway 26 ft., macadam surface; two 3 ft. sidewalks.
Milbridge . . . . . Washington	Vulcan Constr. Co. . . . . Substructure and Floor  Bethlehem Fabricators, Inc. Steel Superstructure	55,500	Great Bridge; steel pony truss span, 125 ft. center to center of bearings, concrete abutments, ashlar masonry faced; concrete floor slab, 22 ft. roadway, concrete surface; provisions made for future 5 ft. sidewalk.
Milton Plt. . . . . Oxford	Force Account . . . . .	6,400	Chase Bridge; corrugated metal plate arch, 20 ft. span, 8 ft. 3 in. rise, concrete footings; provisions made for 26 ft. roadway on fill.
Monmouth . . . . . Kennebec	Reed & Reed . . . . .	8,100	South Monmouth Bridge, PWA Project No. Maine 1096-14F; concrete slab span, clear span length 20 ft., concrete abutments; concrete floor slab, 22 ft. roadway, concrete surface.
Monroe . . . . . Waldo	H. L. Goodrich . . . . .	19,400	Cook Bridge, PWA Project No. Maine 1096-7F; concrete T-beam span, clear span length 50 ft., concrete abutments, pile foundation, 22 ft. roadway, concrete surface.
Old Town . . . . . Penobscot	Walter V. Mitton, Inc. . . . .	18,450	Boom Birch Bridge, PWA Project No. Maine 1096-21F; 3 steel I-beam spans, center span 51 ft. center to center of bearings, end spans 41 ft. center to center of bearings, creosoted timber pile bents for piers and abutments; wood strip floor, 22 ft. $\frac{3}{4}$ in. roadway, asphalt plank surface.

## STATE HIGHWAY COMMISSION

Town and County	Contractor	Est. Cost	Description
Paris . . . . . Oxford	Hector J. Cyr Co., Inc. . . . .	44,750	Billings Bridge, PWA Project No. Maine 1096-21F; 2 steel I-beam spans, 74 ft. 6 in. and 64 ft. 6 in. center to center of bearings along centerline of road, latter span skewed 30° at the abutment, one 20 ft. span reinforced concrete rigid frame tairrace structure acting as an abutment for steel span, one concrete pier and abutment; concrete floor slab, 24 ft. roadway, 2 5 ft. sidewalks, concrete surface.
Paris . . . . . Oxford	Ralph E. Bull. . . . .	5,100	Hammon Bridge, PWA Project No. Maine 1096-21F; concrete slab span, clear span length 12 ft., concrete abutments, concrete bottom slab; 22 ft. roadway, concrete surface.
Paris . . . . . Oxford	Wyman & Simpson, Inc. . . . .	22,500	Trap Corner Bridge, PWA Project No. Maine 1096-9F; concrete T-beam span, clear span length 40 ft. along centerline of road, 30° skew, concrete abutments; 22 ft. roadway, concrete surface, one 5 ft. sidewalk.
Poland . . . . . Androscoggin	Force Account. . . . .	11,000	Lower Range Outlet Bridge; concrete slab span, clear span length 12 ft., reinforced concrete abutments, concrete bottom slab; 22 ft. roadway, gravel surface.
Portland . . . . . Cumberland	Coleman Bros. Corp. . . . .	120,000	Danforth Street Railroad Crossing, Federal Aid Project No. FAGM 118-I; reinforced concrete rigid frame structure, clear span length 35 ft. 6 in. along centerline of road; project includes a traffic circle, 25 ft. minimum roadway widths, bituminous concrete surface, 2 sidewalks 5 ft. 9 in. minimum width; also relocation of railroad tracks, and elimination of one existing overhead structure.
Princeton-Indian Twp. . . . . Washington	H. L. Goodrich. . . . .	47,600	Princeton Bridge, PWA Project No. Maine 1096-22F; 2 steel I-beam spans, 65 ft. center to center of bearings, concrete abutments and pier; concrete floor slab, 24 ft. roadway, concrete surface, 5 ft. sidewalk.
Reed Plantation . . . . . Aroostook	W. H. Hinman, Inc. . . . .	7,550	Finn Brook Bridge, PWA Project No. Maine 1096-11F; concrete slab span, clear span length 16 ft., reinforced concrete abutments, concrete bottom slab; 22 ft. roadway, concrete surface, new location.
Sandy River Plt. . . . . Franklin	Sweetser Brothers. . . . .	10,950	South Side Bridge, PWA Project No. Maine 1096-23F; steel I-beam span 60 ft. center to center of bearings, creosoted timber pile bents for abutments; wood strip floor, 22 ft. roadway, asphalt plank surface.
Scarboro . . . . . Cumberland	Edgar Cyr. . . . .	9,450	Nonesuch River Bridge, PWA Project No. Maine 1096-4F; concrete slab span, clear span length 18 ft., reinforced concrete abutments, concrete bottom slab; 22 ft. roadway, concrete surface.

Town and County	Contractor	Est. Cost	Description
Southport- Boothbay Harbor Lincoln	Wyman & Simpson, Inc. .... Substructure and Approaches  Lackawanna Steel Constr. Corp. .... Steel Superstruc- ture and Floor	204,000	Southport Bridge, PWA Project No. Maine 1120-F; steel thru truss center bearing swing span, 178 ft. center to center of end bearings, electrically operated, 2 steel I-beam approach spans, 100 ft. and 86 ft. center to center of bearings, concrete column abutments, 2 concrete column piers, 1 hollow concrete pivot pier and wooden fender pier, steel pile foundation for pivot pier; wood strip floor, 22 ft. roadway, asphalt plank surface, 4 ft. sidewalk, new location.
Standish-Hollis Cumberland-York	Stewart & Williams, Inc. .... Substructure and Floor  American Bridge Co. Steel Superstructure	32,500	Bonny Eagle Covered Bridge, PWA Project No. Maine 1096-29F; steel thru truss span, 155 ft. center to center of bearings, concrete abutments; concrete floor slab, 22 ft. roadway, concrete surface.
Starks Somerset	Hector J. Cyr Co., Inc. ....	7,300	Curtis Bridge, PWA Project No. Maine 1096-3F; concrete slab span, clear span length 18 ft. along centerline of road, 15° skew, concrete abutments; 22 ft. roadway, concrete surface.
Stonington-Deer Isle Hancock	J. R. Cianchette & Co.	20,400	Mill Hill Bridge, PWA Project No. Maine 1096-12F; concrete T-beam span, clear span length 40 ft., dry coursed rubble masonry abutments, concrete cap, concrete footing; 22 ft. roadway, concrete surface.
Stow Oxford	The Bridge Construc- tion Corporation ..	21,650	Little Cold River Bridge, PWA Project No. 1096-20F; reinforced concrete rigid frame structure, clear span length 40 ft.; 22 ft. roadway, concrete surface, new location.
Topsfield Washington	Ralph L. Cianchette.	11,700	Musquash Bridge; concrete slab span, clear span length 20 ft., concrete abutments; 22 ft. roadway, concrete surface, new location.
Turner Androscoggin	Ralph Giovannucci.	23,200	Chases Mill Bridge, PWA Project No. Maine 1096-8F; concrete T-beam span, clear span length 50 ft. along centerline of road, 45° skew, concrete abutments; 22 ft. roadway, concrete surface.
Van Buren Aroostook	The Bridge Construc- tion Corporation ..	67,020	Bridge Street Crossing, Federal Aid Project No. FAGS 21-A(1); highway underpass, one steel thru plate girder span 41 ft. center to center of bearings, skew 4° 05', concrete abutments, clear width of highway 31 ft., macadam surface, one 5 ft. sidewalk; due to raising railroad tracks and adjacent railroad plate girder structure is raised and concrete abutments capped.
Waterford Oxford	Edgar Cyr. ....	16,050	Bear Pond Bridge, PWA Project No. Maine 1096-16F; concrete T-beam span, clear span length 30 ft., concrete abutments; 22 ft. roadway, concrete surface.
Wells York	Sweetser Brothers. . .	7,700	Drakes Island Bridge, PWA Project No. 1096-13F; wood stringer span, 14 ft. center to center of bearings along centerline of road, skew 30°, creosoted timber pile bents for abutments; wood strip floor, 22 ft. roadway, asphalt plank surface.

Town and County	Contractor	Est.	Description
West Forks Plt. Somerset	Force Account	7,000	Durgin Brook Bridge; concrete slab span, clear span length 21 ft. 11½ in. along centerline of road, 35° skew, reinforced concrete abutments; concrete bottom slab; 40 ft. between curbs providing for 28 ft. roadway on fill, gravel surface, new location.
Wilton Franklin	Walter V. Mitton, Inc.	9,000	Butterfield Bridge; steel I-beam span, 60 ft. center to center of bearings, one new concrete abutment; one existing stone abutment capped and new concrete wings added; concrete floor slab, 22 ft. roadway, concrete surface.
Woodstock Oxford	J. R. Partridge	9,850	Andrews Bridge, PWA Project No. Maine 1096-10F; 2 bridges, reinforced concrete rigid frame structure, clear span length 12 ft.; concrete slab span, clear span length 20 ft., concrete abutments; 22 ft. roadway, concrete surface.
York York	Vulcan Construction Corporation	11,500	Clark Bridge, PWA Project No. Maine 1096-25F; steel I-beam span, 52 ft. center to center of bearings, steel pile bents, concrete caps for abutments; concrete floor span; 22 ft. roadway, concrete surface.

The total expenditures for bridge construction in 1938 amounted to \$1,376,641.30, divided between the different accounts as follows:

Bridge Loan Fund	\$550,904.08
PWA Bridge Construction (1935 allotment)	89,505.78
PWA Bridge Construction (1938 allotment)	103,832.21
PWA Bridge Construction (Southport Bridge)	736.61
Works Program Grade Crossing Fund	134,812.76
Federal Aid Grade Crossing Fund	193,240.39
Works Program Flood Replacement Fund	303,609.47

The following table shows the bridge construction accounts closed during 1938, with final cost and distribution of cost.

## STATE HIGHWAY COMMISSION

77

Town	Co.	Bridge	Total Cost	Paid by State	Paid by County	Paid by Town
Addison	Wash.	Lamson	\$15,564.55 *	\$4,751.75	\$2,582.48	\$1,274.02
Auburn	And.	Littlefield	37,793.72	9,448.43	11,338.12	17,007.17
Auburn	And.	Taylor Brook	6,484.52 *	920.77	1,104.92	1,657.39
Bar Harbor	Hanc.	Kittredge	10,762.95 *	6,188.48		
Mt. Desert						
Berwick	York	Worster Brook	8,286.14	2,303.55	2,485.84	3,496.75
Biddeford	York	Somesville	98,030.27 *	7,862.27		11,300.00 B.
Saco						5,700.00 S.
Blanchard	Pisc.	Jackson Brook	4,377.75	2,057.54	1,313.33	1,006.88
Blue Hill	Hanc.	Village	19,246.43	15,766.43	3,480.00	
Bowdoinham	Sag.	Two Bridges	30,034.16	16,068.27	9,010.25	4,955.64
Bristol	Linc.	Monroe	1,300.18	325.05	390.05	585.08
Brooks	Waldo	Cites	5,886.78	3,695.36	1,766.03	425.39
Brooks	Waldo	Gibbs	8,446.10 *	2,990.04	1,428.96	344.20
Brooks	Waldo	Lamphier	4,298.40	2,698.27	1,289.52	310.61
Brooks	Waldo	Lang	10,664.21	6,694.33	3,199.26	770.62
Brooks	Waldo	Village	21,022.70	13,196.73	6,306.81	1,519.16
Brooks	Waldo	Wiggin	8,471.20	5,317.68	2,541.36	612.16
Brunswick	Cumb.	Cook's Xing.	1,982.56 *			
Bucksport	Hanc.	Stubbs	5,054.65	1,263.66	1,516.40	2,274.59
Cambridge	Som.	Ike Brook	4,969.22	2,350.44	1,490.77	1,128.01
Cambridge	Som.	Upper Mainstream	19,069.17 *	5,823.70	3,176.57	701.73 C.
Ripley						886.55 R.
Caribou	Aroos.	Barrett's Xing.	59,688.02 *	1,862.02		
Casco	Cumb.	Songo Lock	25,761.41	11,206.22	7,728.42	3,216.26 C.
Naples						3,610.51 N.
Clinton	Ken.	Sebasticook	49,917.99 *	5,894.99		3,000.00
Columbia	Wash.	Saco	16,865.29 *	1,420.29		700.00
Cornville	Som.	Paine Brook	14,879.08	7,618.09	4,463.72	2,797.27
Detroit	Som.	Village	27,961.43 *	2,771.43		1,400.00
Dixfield	Oxford	Newton Brook	8,807.19 *	1,502.99	1,478.35	1,946.49
Dresden	Linc.	Middle	74,192.33	7,870.33		2,000.00
Edinburg	Pen.	Pollard	6,985.42	4,297.10	2,095.63	592.69
Emden	Som.	Mill	10,188.40	4,717.23	3,056.52	2,414.65
Exeter	Pen.	French's Mill	9,268.17	4,189.21	2,780.45	2,298.51
Fairfield	Som.	Good Will Farm	39,716.97	15,809.37	10,440.00	13,467.60
Ft. Fairfield	Aroos.	McShea Xing.	49,502.95 *	1,019.74		
Frankfort	Waldo	Boyd	15,012.10 *	1,130.10		700.00
Freeport	Cumb.	Lord	13,725.45 *	1,225.45		700.00
Fryeburg	Oxford	MCRB Xing.	62,392.26 *	3,722.92		
Gardiner	Ken.	Little Pond	8,427.47 *	4,730.91		
Gilead	Oxford	Rolling Dam	19,760.53 *	2,056.53		5,000.00
Gilead	Oxford	Chapman Brook	7,792.05	3,911.60	2,337.62	1,542.83
Grafton	Oxford	Peabody Brook	6,544.66	3,134.89	1,963.40	1,446.37
Grafton	Oxford	Cambridge No. 2	11,175.19	11,175.19		
Hartford	Oxford	Cedar Brook	8,013.64 *	4,470.18		
Highland Pt.	Som.	Twin	6,923.37	2,914.74	2,077.01	1,931.62
Howland	Pen.	Michael Stream	5,597.67	3,302.63	1,679.30	615.74
Jay	Fra.	Meadow Brook	10,472.73 *	5,859.91		
Jonesboro	Wash.	Ridley Brook	5,624.90	1,406.22	1,687.47	2,531.21
Kenduskeag	Pen.	Beaver Stream	6,173.30	3,068.13	1,851.99	1,253.18
Kenduskeag	Pen.	Black Brook	5,067.17 *	2,822.57		
Lee	Pen.	Piper	6,804.32	3,463.39	2,041.30	1,299.63
Leeds	And.	Pond	9,252.23 *	2,592.63	1,552.48	1,029.81
Monmouth	Ken.	Highmoor	63,018.04 *	1,747.04		
Levant	Pen.	Black Stream	10,348.87	5,267.58	3,104.66	1,976.63
Liberty	Waldo	So. Liberty	6,789.26	3,068.78	2,036.78	1,683.74
Lincolnville	Waldo	Knights Hill	6,213.00 *	1,175.29	1,055.66	1,287.90
Lincolnville	Waldo	Pond	7,862.17	2,909.00	2,358.65	2,594.52
Lowell	Pen.	Woodman Mills	6,599.52	3,814.52	1,979.86	805.14
Mariaville	Hanc.	Dumb Brook	7,447.26	4,215.15	2,234.18	997.93
Mariaville	Hanc.	Jones	13,461.94 *	4,196.78	2,244.26	546.73 M.
Waltham						493.11 W.
Medway	Pen.	Penobscot	61,092.06	38,811.91	18,327.62	3,922.53
Milford	Pen.	First Otter Str.	20,414.11 *	1,260.11		3,000.00
Millinocket	Pen.	B & A RR Xing.	85,109.38 *	1,703.40		
Milo	Pisc.	Pleasant River	54,520.38	24,261.57	16,356.11	13,902.70
Monson	Pisc.	Leeman	9,011.58 *	2,071.08	1,526.60	1,490.98
New Portland	Som.	Parsons	30,632.38	17,919.95	9,189.71	3,522.72
Northport	Waldo	Shaw's Hill	5,014.02	5,014.02		
Otisfield	Cumb.	College Swamp	3,346.53	967.15	1,003.96	1,375.42
Parsonsfield	York	Glidden Meadow	3,554.72 *	2,403.00		
Presque Isle	Aroos.	Phair Crossing	44,633.30 *	798.30		
Rumford	Oxford	Morse	81,461.20	25,741.74	24,438.36	31,281.10
Sangerville	Pisc.	Black Stream	10,903.12	3,990.54	3,270.94	3,641.64

Town	Co.	Bridge	Total Cost	Paid by State	Paid by County	Paid by Town
Sangerville-Guilford	Pisc.	Sangerville Sta.	46,762.37	20,107.82	14,028.71	4,963.77 S. 7,662.07 G.
Sebec-Atkinson	Pisc.	Union	42,854.55	24,555.66	12,856.36	2,938.98 S. 2,503.55 A.
Skowhegan	Som.	Sucy	6,237.93*	3,462.42		
Smithfield	Som.	Mill Stream	9,233.55	4,349.00	2,770.07	2,114.48
Township 31	Wash.	Machias River	26,638.99*	9,426.78	4,493.33	1,057.65
Turner	And.	No. Turner No. 2	90.17	90.17		
Union	Knox	Bessey	42,265.48*	24,360.30		
Warren	Knox	Starrett	17,278.35*	1,518.35		2,800.00
Wayne	Ken.	Main Street	8,979.00*	2,128.12	1,495.17	1,360.60
Wellington	Pisc.	Robinson	5,544.50	2,661.36	1,663.35	1,219.79
Wells	York	Island Ledge Road	18,178.58*	2,699.80	3,067.95	4,458.75
Wells	York	Ogunquit Beach	33,633.26	10,594.48	10,089.98	12,948.80
Wesley	Wash.	Beaver Dam	9,148.73*	3,259.27	1,568.77	401.19
Willimantic	Pisc.	Earley	8,167.78	4,557.63	2,450.33	1,159.82
Windsor	Ken.	York	16,690.72*	1,623.72		1,200.00
Winslow-Waterville	Ken.	Ticonic	145,705.84*	79,160.11		
Wiscasset	Linc.	New Road	6,268.53	1,661.16	1,880.56	2,726.81
York	York	Barrell	7,727.94	1,931.98	2,318.39	3,477.57
			\$1,907,079.46	\$590,404.75	\$249,464.65	\$236,966.94

\*Addison, Lamson Bridge—PWA Project 1014-11. Federal funds, \$6,956.30.  
Auburn, Taylor Brook Bridge—PWA Project 1014-1. Federal funds, \$2,801.44.  
Bar Harbor-Mt. Desert, Kittredge Bridge—PWA Project 1014-8. Federal funds, \$4,574.47.  
Biddeford-Saco, Somerville Bridge—WPFPR Project 4. Federal funds, \$73,168.00.  
Brooks, Gibbs Bridge—PWA Project 1014-16. Federal funds, \$3,682.90.  
Brunswick, Cooks Crossing—U. S. Works Program Grade Crossing Project WPGH 116-F. Federal funds, \$1,982.56.  
Cambridge-Ripley, Upper Mainstream Bridge—PWA Project 1014-31. Federal funds, \$8,480.62.  
Caribou, Barretts Crossing—U. S. Works Program Grade Crossing Project WPGH 92-A. Federal funds, \$57,826.00.  
Clinton, Sebasticook Bridge—WPFPR Project 17. Federal funds, \$41,023.00.  
Columbia, Saco Bridge—WPFPR Project 12. Federal funds, \$14,745.00.  
Detroit, Village Bridge—WPFPR Project 7. Federal funds, \$23,790.00.  
Dixfield, Newton Brook Bridge—PWA Project 1014-3. Federal funds, \$3,879.36.  
Dresden, Middle Bridge, WPFPR Project 8. Federal funds, \$64,322.00.  
Fort Fairfield, McShea Crossing—U. S. Works Program Grade Crossing Projects WPGH 90-B and 90-C. Federal funds, \$48,483.21.  
Frankfort, Boyd Bridge—WPFPR Project 11. Federal funds, \$13,182.00.  
Frankfort, Lord Bridge—WPFPR Project 10. Federal funds, \$11,800.00.  
Freeport, Maine Central Railroad Crossing—U. S. Works Program Grade Crossing Project WPGH 121-E. Federal funds, \$58,669.34. Maine Central Railroad Company, \$1.00, their share of the cost of the project.  
Fryeburg, Little Pond Bridge—PWA Project 1014-4. Federal funds, \$3,696.56.  
Gardiner, Rolling Dam Bridge—WPFPR Project 25. Federal funds, \$12,704.00.  
Grafton, Cedar Brook Bridge—PWA Project 1014-35. Federal funds, \$3,543.46.  
Howland, Meadow Brook Bridge—PWA Project 1014-34. Federal funds, \$4,612.82.  
Kenduskeag, Black Brook Bridge—PWA Project 1014-7. Federal funds, \$2,244.60.  
Lee, Pond Bridge—PWA Project 1014-13. Federal funds, \$4,077.31.  
Leeds-Monmouth, Highmoor Crossing—U. S. Works Program Grade Crossing Project WPGH 257-C. Federal funds, \$61,271.00.  
Lincolnton, Knights Hill Bridge—PWA Project 1014-9. Federal funds, \$2,694.15.  
Mariaville-Waltham, Jones Bridge—PWA Project 1014-17. Federal funds, \$5,981.06.  
Milford, First Otter Stream Bridge—WPFPR Project 19. Federal funds, \$16,154.00.  
Millinocket, Bangor & Aroostook Railroad Crossing—U. S. Works Program Grade Crossing Project WPGS 318-A. Federal funds, \$83,404.98. Bangor & Aroostook Railroad Co., \$1.00, their share of the cost of the project.  
Monson, Leeman Bridge—PWA Project 1014-18. Federal funds, \$3,922.92.  
Parsonfield, Glidden Meadow Bridge. State of New Hampshire, \$1,151.72, their share.  
Presque Isle, Phair Crossing—U. S. Works Program Grade Crossing Project WPGH 52. Federal funds, \$43,835.00.  
Skowhegan, Sucy Bridge—PWA Project 1014-21. Federal funds, \$2,775.51.  
Township 31, Machias River Bridge—PWA Project 1014-22. Federal funds, \$11,661.23.  
Union, Bessey Bridge—PWA Project 1014-24. Federal funds, \$17,905.18.  
Warren, Starrett Bridge—WPFPR Project 26. Federal funds, \$12,960.00.  
Wayne, Main Street Bridge—PWA Project 1014-28. Federal funds, \$3,995.11.  
Wells, Island Ledge Road Bridge—PWA Project 1014-33. Federal funds, \$7,952.08.  
Wesley, Beaver Dam Bridge—PWA Project 1014-29. Federal funds, \$3,919.50.  
Windsor, York Bridge—WPFPR Project 28. Federal funds, \$13,867.00.  
Winslow-Waterville, Ticonic Bridge—Maine Emergency Relief Project ER 1. Federal funds, \$66,545.73.



1938

## BRIDGE LOAN FUND

## Credits

Balance, January 1, 1938.....		\$133,371.68	
Received from Gen. Highway—Special Legislative Act.....		400,000.00	
Transferred from Special Resolves:			
Wilton.....	\$1,500.00		
Emden.....	700.00		
Monmouth.....	995.89		
Fort Fairfield.....	5,903.31		
Milbridge.....	4,439.49		
Masardis.....	1,522.34		
Highland Plantation.....	4.27		
Ripley.....	400.00		
Sangerville.....	939.00		
Poland.....	3,200.00		
Lisbon.....	1,200.00		
			20,804.30
Transferred from Works Program Flood Replacement:			
Milford.....	\$1,012.97		
Windsor.....	475.13		
Columbia.....	379.17		
Biddeford-Saco.....	605.38		
			2,472.65
Transferred from Federal Aid:			
Kittery.....	\$15,238.00		
Winslow-Waterville.....	6,654.73		
			21,892.73
Transferred from State Aid Joint Fund:			
Grand Lake Stream.....	\$ 831.38		
Mount Chase.....	995.00		
Chesterville.....	1,216.00		
East Machias.....	261.23		
Buckfield.....	4,425.00		
Cambridge.....	2,760.60		
Gilead.....	1,183.69		
Milton Plantation.....	640.00		
Sangerville.....	140.40		
Clifton.....	745.80		
Reed Plantation.....	731.00		
Stow.....	832.30		
			14,762.40
Transferred from Third Class Fund:			
Wilton.....	\$2,550.00		
Monroe.....	1,291.15		
Lincoln.....	1,519.90		
Levant.....	154.20		
Wayne.....	1.06		

## STATE HIGHWAY COMMISSION

Kenduskeag . . . . .	903.88	
Dixfield . . . . .	40.07	
Ripley . . . . .	147.86	
Albany . . . . .	925.00	
Gorham . . . . .	1,890.00	
Corinth . . . . .	2,007.50	
Hermon . . . . .	1,439.57	
Hebron . . . . .	1,328.32	
Woodstock . . . . .	1,731.60	
		15,930.11
Transferred from General Highway Federal Allotment . . . . .		84,317.53
Received from Maine Central Railroad Co.—Freeport . . . . .		1.00
Received from Bangor & Aroostook R.R. Co.—Millinocket . . . . .		1.00
Received from Counties . . . . .		196,932.44
Received from Cities and Towns . . . . .		108,817.48
		\$999,303.32

**Expenditures**

Engineering, Advertising and Inspection . . . . .		\$94,648.58
Labor and Materials . . . . .		145,069.05
Right of Way and Property Damage . . . . .		11,186.45
Refund to Counties . . . . .		18,232.43
Refund to Cities and Towns . . . . .		3,266.73
Transferred to State Aid Joint Fund:		
Mariaville . . . . .	\$ 5.63	
Waltham . . . . .	5.09	
Cambridge . . . . .	50.09	
Gilead . . . . .	170.77	
		231.58
Transferred to Third Class Fund:		
Cambridge . . . . .	\$ 13.22	
Hartford . . . . .	156.38	
Exeter . . . . .	173.99	
Otisfield . . . . .	82.58	
Wellington . . . . .	20.21	
Berwick . . . . .	398.25	
Jay . . . . .	393.79	
		1,238.42
Transferred to General Highway Federal Allotment:		
Frankfort . . . . .	\$182.44	
Windsor . . . . .	386.92	
Gardiner . . . . .	28.99	
Milford . . . . .	913.00	
Columbia . . . . .	195.57	
Norridgewock . . . . .	23.32	
Biddeford-Saco . . . . .	295.44	
		2,025.68

Transferred to Works Program Flood Replacement:	
Rumford . . . . .	\$297.67
Detroit . . . . .	190.48
Clinton . . . . .	944.20
Hollis-Buxton . . . . .	8,256.78
Dresden . . . . .	2,505.63
Yarmouth . . . . .	3,639.12
Warren . . . . .	166.20
	16,000.08
Transferred to PWA Bridge Construction . . . . .	298,350.00
Balance, December 31, 1938 . . . . .	109,054.32
	\$999,303.32

1938

PWA PROJECT NO. MAINE 1096F

Credits

Transferred from Bridge Loan Fund:	
Bucksport . . . . .	\$5,650.00
Paris . . . . .	38,350.00
Starks . . . . .	3,950.00
Scarboro . . . . .	5,050.00
Enfield . . . . .	6,300.00
Lincoln . . . . .	3,500.00
Monroe . . . . .	10,500.00
Turner . . . . .	12,500.00
Woodstock . . . . .	5,200.00
Reed Plantation . . . . .	4,000.00
Stonington-Deer Isle . . . . .	11,050.00
Wells . . . . .	4,050.00
Monmouth . . . . .	4,350.00
Corinth . . . . .	6,900.00
Waterford . . . . .	8,650.00
Hermon . . . . .	5,500.00
Albany . . . . .	7,050.00
Stow . . . . .	11,350.00
Princeton-Indian Twp. . . . .	23,800.00
Sandy River Plantation . . . . .	5,750.00
Old Town . . . . .	9,650.00
York . . . . .	6,050.00
Grand Lake Stream . . . . .	16,250.00
Gardiner-Randolph . . . . .	49,300.00
Masardis . . . . .	16,550.00
Standish-Hollis . . . . .	17,100.00
	\$298,350.00

Expenditures

Engineering, Advertising and Inspection . . . . .	\$ 9,911.53
Labor and Materials . . . . .	93,920.68
Balance, December 31, 1938 . . . . .	194,517.79
6	\$298,350.00

**1938****WORKS PROGRAM FLOOD REPLACEMENT FUND****Credits**

Received from Federal Aid .....		\$160,206.00
Transferred from Bridge Loan Fund:		
Rumford .....	\$ 297.67	
Detroit .....	190.48	
Clinton .....	941.20	
Hollis-Buxton .....	8,256.78	
Dresden .....	2,505.63	
Yarmouth .....	3,639.12	
Warren .....	166.20	
	<hr/>	16,000.08
Overdraft, December 31, 1938 .....		150,612.39
		<hr/>
		\$326,818.47

**Expenditures**

Overdraft, January 1, 1938 .....		\$20,736.35
Engineering, Advertising and Inspection .....		18,510.59
Labor and Materials .....		285,098.88
Transferred to Bridge Loan Fund:		
Milford .....	\$1,012.97	
Windsor .....	475.13	
Columbia .....	379.17	
Biddeford .....	605.38	
	<hr/>	2,472.65
		<hr/>
		\$326,818.47

**1938****BRIDGE MAINTENANCE**

Maintenance was continued on bridges located on the State highway system designated prior to 1938. Twenty-three other bridges were taken over for maintenance during the year due to the designation of additional State highways and the structure eliminating railway grade crossing at North Kennebunkport was also added.

The total expenditure from bridge maintenance funds in 1938, after deducting credits, amounts to \$161,691.94.

**1938****Bridge Maintenance****Credits**

Balance, January 1, 1938 .....	\$69,500.56
Transferred from General Highway Fund .....	206,123.88
Received from rental of buildings .....	2,245.00
Received from rental of pipe line—Madawaska .....	500.00
	<hr/>
	\$278,369.44

**Debits**

Engineering and supervision . . . . .	\$20,059.45
Labor and materials . . . . .	144,375.93
Right of Way and Land Damage . . . . .	1.56
Balance, December 31, 1938 . . . . .	113,932.50
	<hr/>
	\$278,369.44

**CARLTON BRIDGE  
Bath-Woolwich****Toll Collections, January 1-December 31, 1938**

Passengers . . . . .	555,862	.05	\$ 27,793.10
Automobile or 2-ton truck . . . . .	250,776	.50	125,388.00
Truck, over 2 to 3½ tons . . . . .	851	.75	638.25
Truck, over 3½ to 5 tons . . . . .	1,045	1.00	1,045.00
Truck, over 5 to 10 tons . . . . .	624	1.50	936.00
One horse vehicle . . . . .	11	.15	1.65
Two horse vehicle . . . . .	2	.20	.40
Bus, 16 passenger or less . . . . .	6	.75	4.50
Bus, over 16 passenger . . . . .	89	1.00	89.00
Motorcycle . . . . .	214	.15	32.10
Horses, cows and oxen . . . . .	8	.15	1.20
Commutation tickets:			
Passenger . . . . . 25 trips	2,622	1.00	2,622.00
Auto or 2-ton truck . . . . . 20 trips	2,855	3.50	9,992.50
Auto or 2-ton truck . . . . . 50 trips	547	5.00	2,735.00
Truck, over 2 to 3½ tons . . . . . 20 trips	180	6.00	1,080.00
Truck, over 2 to 3½ tons . . . . . 200 trips	19	30.00	570.00
Truck, over 3½ to 5 tons, or bus 20 trips	437	9.00	3,933.00
Truck, over 5 to 10 tons . . . . . 20 trips	276	15.00	4,140.00
			<hr/>
			\$181,001.70

**CARLTON BRIDGE  
Bath-Woolwich****Travel under Order P.U.C. February 6, 1935  
January 1-December 31, 1938**

Town	Period	Vehicles	Passengers
Woolwich	Full year	191,061	149,972
Georgetown	"	24,334	29,449
Arrowsic	"	33,022	23,661
Bath	"	212,916	119,811
West Bath	"	4,303	2,944
Edgecomb	"	6,262	5,227
Southport	"	2,690	2,484
Wiscasset	"	47,864	32,721
Westport	"	6,274	7,783
Phippsburg	"	5,966	3,908
Boothbay Harbor	"	18,251	15,045
Boothbay	"	6,814	4,004
Alna	Jan. 1-Mar. 11, incl.	293	85
		<hr/>	<hr/>
		560,050	397,094

**WALDO-HANCOCK BRIDGE****Prospect-Verona****Toll Collections, January 1-December 31, 1938**

Passenger . . . . .	259,588	.05	\$12,979.40
Automobile or 2-ton truck . . . . .	145,512	.50	72,756.00
Truck, over 2 to 3½ tons . . . . .	698	.75	523.50
Truck, over 3½ to 5 tons . . . . .	727	1.00	727.00
Truck, over 5 to 10 tons . . . . .	272	1.50	408.00
One or two horse vehicle . . . . .	76	.15	11.40
Bus, 16 passenger or less . . . . .	8	.75	6.00
Bus, over 16 passenger . . . . .	94	1.00	94.00
Motorcycle . . . . .	198	.15	29.70
<b>Commutation tickets:</b>			
Passenger . . . . . 25 trips	547	1.00	547.00
Auto or 2-ton truck . . . . . 20 trips	878	3.50	3,073.00
Auto or 2-ton truck . . . . . 50 trips	375	5.00	1,875.00
Truck, over 2 to 3½ tons . . . . . 20 trips	52	6.00	312.00
Truck, over 2 to 3½ tons . . . . . 100 trips	14	15.00	210.00
Truck, over 3½ to 5 tons, or bus . 20 trips	48	9.00	432.00
Truck, over 3½ to 5 tons, or bus . 100 trips	69	20.00	1,380.00
Truck, over 5 to 10 tons . . . . . 20 trips	45	15.00	675.00
One or two horse vehicle . . . . . 20 trips	2	2.00	4.00
			<hr/>
			\$96,043.00

**MAINE KENNEBEC BRIDGE****Richmond-Dresden****Toll Collections, May 28-December 31, 1938**

Pedestrian . . . . .	2,069	.05	\$103.45
Automobile or 2-ton truck . . . . .	10,391	.25	2,597.75
Truck over 2 to 3½ tons . . . . .	85	.35	29.75
Truck over 3½ to 5 tons . . . . .	70	.50	35.00
Truck or tractor over 5 tons . . . . .	7	1.00	7.00
1 or 2 horse vehicle . . . . .	33	.15	4.95
Motorcycle . . . . .	4	.15	.60
Live stock . . . . .	23	.05	1.15
Extra passengers . . . . .	15,572	.05	778.60
<b>Commutation tickets:</b>			
Pedestrian or passenger . . . . . 25 trips	315	.50	157.50
Automobile or 2-ton truck . . . . . 20 trips	113	3.00	339.00
Automobile or 2-ton truck . . . . . 50 trips	67	5.00	335.00
Truck over 2 to 3½ tons . . . . . 20 trips	12	4.00	48.00
Truck over 3½ to 5 tons . . . . . 20 trips	15	5.00	75.00
School ticket, 1 month . . . . .	1	.25	1.00
			<hr/>
			\$4,513.75

**STATE AID ROAD CONSTRUCTION****1938****Expenditures, January 1, 1938 to December 31, 1938**

The total expenditure on account of state aid road work for the year beginning January 1, 1938, and ending December 31, 1938, amounted to \$1,501,319.07 not including engineering and supervision paid by the State. Of this total expenditure the sum of \$976,666.96 was paid from state appropriations and \$524,652.11 was paid by cities, towns and counties.

Of this total cost \$2,211.73 was paid for local engineering and \$1,499,107.34 was paid for labor and material. The state paid from general state aid supervision account the amount of \$45,081.03.

The cost of new construction work is divided as follows: Gravel \$743,482.95, completing grading and base built in previous years \$28,280.58; concrete \$26,751.00, bituminous concrete \$56,634.95, bituminous macadam \$8,358.65; gravel reconstruction \$264,545.05, surfacing and base reconstruction \$1,191.66, bituminous concrete reconstruction \$10,609.09, grading and base \$136,626.65; grading only \$3,318.53; grading and base, gravel reconstruction \$31,483.14, tar surface treatment \$190,036.82, making a total of \$1,501,319.07.

Of the total amount paid from state funds \$660,806.06 was paid from 1938 apportionments, \$103,857.40 was paid from unexpended balances of state aid apportionments brought over from previous years (including \$801.00 town money paid in 1937); \$49,348.74 was paid from special legislative appropriations; \$133,196.80 was paid from third class funds; \$6,796.31 was paid from General Highway Fund; \$181.49 was paid from Bridge Loan Fund; \$10,000.00 was paid from Maintenance of State and State Aid Highway funds and \$12,480.16 was paid from miscellaneous credits (including \$149.87 town money paid to state and \$11,409.93 additional town funds). The above construction and miscellaneous work does not include reimbursements to towns for work reported in previous years and transfers to other state appropriations, a total of \$42,464.22. Of this amount \$17,460.06 was paid from 1938 apportionments, \$11,141.46 from unexpended balances carried forward from 1937 (including \$300.00 town money paid to state), \$3,601.00 from special resolves, \$10,211.61 from third class transfers and \$50.09 from Bridge Loan fund.

Reimbursements made to towns for work done in previous years amounted to \$26,426.90. Transfers from state aid fund to Bridge Loan fund amounted to \$14,698.88 (including \$300.00 town money paid to state) and transfer from state aid fund to Federal Project amounted to \$1,338.44. The above totals added to the expenditure on state aid roads made a total expenditure

on state aid of \$1,019,131.18. Added to above total the general supervision expenditure of \$45,081.03 and transfer of \$10,000.00 for compensation insurance makes a total of \$1,074,212.21.

Applications for state aid apportionments were received from 549 towns, including cities and townships. Of this number apportionments for 55 towns have been carried forward to 1939.

395 towns increased their appropriations in 1938 and applied for state aid under the provisions of Section 3, Chapter 173, Public Laws of 1935 (not including tar treatment).

The total appropriations made by towns for state aid purposes amounted to \$478,609.24, \$305,193.00 regular state aid and \$173,416.24 additional of which the state could match only one-half unit or \$120,560.21, making the total town appropriation \$425,753.21.

The total state apportionments amounted to \$802,532.04, \$577,156.32 regular state aid and \$225,375.27 additional.

Special apportionment was made to one town under the provisions of Chapter 101, Private and Special Laws, 1937.

The Governor and Council ordered \$4,635.00 transferred from the General Highway Fund and the Commission transferred \$3,500.00 from the same fund to be expended with state aid.

The fund available for state aid road apportionment in 1938 was \$850,000.00 provided by Section 1, Chapter 229, as amended by Chap. 251, Public Laws of 1937. This fund was sufficient to match only a unit and a half of town appropriations, which resulted in an apportionment of \$802,532.04 to towns, \$10,000.00 for compensation insurance and \$37,467.96 for engineering, surveying, inspection and supervision.

309 towns constructed 106.13 miles of gravel at an average cost of \$7,005.40 per mile or \$1.33 per linear foot (not including tar treatment).

59 towns surfaced 18.23 miles of road graded and based in previous years at an average cost of \$1,551.32 per mile or \$0.29 per linear foot.

2 towns constructed 6,215 sq. yds. of concrete pavement at a cost of \$4.30 per sq. yd.

2 towns constructed 17,667 sq. yds. of bituminous concrete at a cost of \$3.21 per sq. yd.

2 towns constructed 6,445 sq. yds. of bituminous macadam at a cost of \$1.30 per sq. yd.

1 town reconstructed 8,109 sq. yds. of bituminous concrete at a cost of \$1.31 per sq. yd.

127 towns reconstructed 40.43 miles of worn out state aid at an average cost of \$6,543.29 per mile or \$1.24 per linear foot (not including tar treatment).

3 towns did grading work only at an average cost of \$4,673.99 per mile (not including tar treatment).

6 towns surfaced reconstructed base at an average cost of \$2,336.59 per mile, or \$0.44 per linear foot.



14 towns constructed 3.78 miles of grading and base "reconstruction" at a cost of \$8,328.87 per mile or \$1.58 per linear foot.

76 towns constructed 22.54 miles of grading and base at an average cost of \$6,061.52 per mile, or \$1.15 per linear foot.

298 towns surface treated 205.88 miles of road with bituminous material at an average cost of \$923.05 per mile.

Acknowledgment is again made of cooperation by the Maine Works Progress Administration in furnishing labor, and in some cases trucks and materials as in previous years, for state aid projects without charge to the towns or State. On such projects, the town's state aid joint fund was used as the sponsor's share of the cost.

### MILEAGE SUMMARY FOR 1938

Gravel road entirely built in 1938.....	106.13	miles
Gravel road, completed base of previous years.....	18.23	"
Total reported gravel mileage 1938.....	124.36	"
Concrete pavement.....	0.49	"
Bituminous concrete pavement.....	0.85	"
Bituminous macadam pavement.....	0.47	"
Total added mileage 1938.....	126.17	"
Gravel reconstruction.....	40.43	"
Base surfaced reconstruction.....	0.51	"
Bituminous concrete reconstruction.....	0.29	"
Total miles reconstructed 1938.....	41.23	"
Total constructed mileage 1938.....	167.40	"
Grading only.....	0.71	"
Grading and base.....	22.54	"
Grading and base reconstruction.....	3.78	"
Tar surface treatment.....	205.88	"

### STATE AID BUILT ON STATE HIGHWAYS

(Included in above)

Gravel construction.....	1.81	miles
Gravel reconstruction.....	3.01	"
Concrete construction.....	0.19	"

**APPORTIONMENT OF STATE AID**

Apportionments Sec. 21, Chap. 28, R. S. 1930 . . . . .	\$575,656.32
Special apportionment—Indian Twp. Chap. 101, Private & Special Laws 1937 . . . . .	1,500.00
	<hr/>
	\$577,156.32
Additional apportionments, Sec. 3, Chap. 229, P. L. 1937 . . . . .	224,850.72
Lambert Lake apportionment—Commission record July 27, 1938 . . . . .	525.00
	<hr/>
	\$802,532.04
Unexpended balance from state appropriations and other credits . . . . .	138,492.76
	<hr/>
Total amount available from apportionments and other credits . . . . .	941,024.80
1938 Compensation Insurance . . . . .	10,000.00
1938 General Supervision . . . . .	45,292.29
1938 Town appropriations paid to State . . . . .	450.00
1938 Additional town money paid to State . . . . .	11,851.42
Transferred from other funds . . . . .	220,079.59
Miscellaneous credits . . . . .	1,044.84
	<hr/>
Total . . . . .	\$1,229,742.94

**STATE FUNDS**

Apportionments as set up . . . . .	\$802,532.04
------------------------------------	--------------

**TOWN FUNDS**

Appropriations Sec. 21, Chap. 28, R. S. 1930 . . . . .	\$305,193.00
Additional appropriations, Sec. 3, C. 173, P. L. 1935 . . . . .	120,560.21
	<hr/>
	\$425,753.21

**JOINT FUND**

1938 Apportionment . . . . .	\$802,532.04
Balance state funds . . . . .	138,492.76
	<hr/>
	\$941,024.80
1938 town appropriations . . . . .	\$425,753.21
Previous appropriations . . . . .	40,283.57
	<hr/>
	466,036.78
	<hr/>
	\$1,407,061.58

**STATEMENT OF FUNDS AVAILABLE FROM STATE AID  
APPORTIONMENTS**

**Expenditures Made and Balances for 1938**

Year		Funds Available 1938	Expenditures 1938	Balances Dec. 31, 1938
1931	Unexpended Balance . . . . .	\$ 500.89	\$ 403.89	\$ 97.00
1932	Unexpended Balance . . . . .	287.08	23.62	263.46
1933	Unexpended Balance . . . . .	5,555.81	4,501.07	1,054.74
1934	Unexpended Balance . . . . .	1,057.17		1,057.17
1935	Unexpended Balance . . . . .	2,986.96	2,638.21	348.75
1936	Unexpended Balance . . . . .	19,033.41	11,884.12	7,149.29
1937	Unexpended Balance . . . . .	107,877.44	94,353.95	13,523.49
1937	Overdrawn town account . . . . .	93.00	93.00	
1937	Town Appropriations paid in . . . . .	1,101.00	1,101.00	
1938	Unexpended Working Balance . . . . .	138,492.76	114,998.86	23,493.90
1938	State Aid Apportionment . . . . .	802,532.04	678,266.12	124,265.92
1938	Workmen's Compensation Fund . . . . .	10,000.00	10,000.00	
1938	Town Appropriations paid in . . . . .	450.00	149.87	300.13
1938	Additional Town Money paid in . . . . .	11,851.42	11,409.93	441.49
1938	Trans. from Spec. Res. . . . .	53,628.03	52,949.74	678.29
1938	Trans. from Third Class . . . . .	148,084.98	143,408.41	4,676.57
1938	Trans. from Gen. High. Fund . . . . . (C.R. 5-10-38)	3,500.00	3,500.00	
1938	Trans. from Gen. High. Fund . . . . . (C.O. Nos. 942 & 982)	4,635.00	3,296.31	1,338.69
1938	Trans. from Maint. State and State Aid High. Fund . . . . .	10,000.00	10,000.00	
1938	Trans. from Bridge Loan . . . . .	231.58	231.58	
1938	Miscellaneous Credits . . . . .	1,044.84	920.36	124.48
		\$1,184,450.65	\$1,029,131.18	\$155,319.47
1937	Overdrawn Supervision Acct. . . . .	1,894.75	1,894.75	
1938	General Supervision . . . . .	35,897.54	35,686.28	211.26
1938	Transfer from Third Class Super- vision Account . . . . .	7,500.00	7,500.00	
		\$1,229,742.94	\$1,074,212.21	\$155,530.73
1938	Overdrawn Town Accounts . . . . .			229.62
				\$155,760.35

**STATEMENT OF EXPENDITURES  
1938 STATE AID ROAD CONSTRUCTION**

Engineering and Inspection paid by cities.....	\$2,211.73
Labor and material.....	1,499,107.34
	\$1,501,319.07
Cost charged to work.....	\$1,501,319.07
Paid by towns from joint fund.....	\$376,787.89
Paid by towns from town funds.....	147,864.22
	\$524,652.11
Paid by State.....	976,666.96
	\$1,501,319.07
General engineering and supervision.....	45,081.03
Reimbursement to towns—Town Funds.....	\$43,452.38
State Funds.....	26,426.90
	69,879.28
Transfers to other accounts—Town Funds.....	\$ 600.00
State Funds.....	16,037.32
	16,637.32
Compensation Insurance.....	10,000.00
	\$1,642,916.70
Paid by towns.....	\$ 568,704.49
Paid by State.....	1,074,212.21
	\$1,642,916.70

Note: To check with Controller's report add \$6,878.99 (deductions made to correct errors and make adjustments) to total amount expended.

**SUMMARY OF EXPENDITURES ON STATE AID ROADS**  
**January 1, 1938 to December 31, 1938**

No. of Towns	Type of Road	Square Yards	Cost per Sq. Yd.	Linear Feet	Cost per Lin. Ft.	Miles	Cost per Mile	Cost of Engineering by Cities	Cost of Labor and Material	Total Cost	
	Gravel.....			560,317	\$1.33	106.13	\$7,005.40		\$743,482.95	743,482.95	
	Previous years' base surfaced in 1938.....			96,240	0.29	18.23	1,551.32		28,280.58	28,280.58	
	Grading and base.....			119,015	1.15	22.54	6,061.52		136,626.65	136,626.65	
	Reconstruction—Gravel.....			213,446	1.24	40.43	6,543.29		264,545.05	264,545.05	
	Concrete.....	6,215	4.30	2,593	10.32	0.49	54,593.88		26,751.00	26,751.00	
	Bituminous Concrete.....	17,667	3.21	4,493	12.61	0.85	66,629.35	\$2,211.73	54,423.22	56,634.95	
	Bituminous Macadam.....	6,445	1.30	2,500	3.34	0.47	17,784.36		8,358.65	8,358.65	
	Reconstruction—Bituminous Concrete.....	8,109	1.31	1,535	6.91	0.29	36,583.07		10,609.09	10,609.09	
	Tar Surface Treatment.....					205.88	923.05		190,036.82	190,036.82	
	Grading only.....			3,740	0.89	0.71	4,673.99		3,318.53	3,318.53	
	Grading and base—reconstruction.....			19,965	1.58	3.78	8,328.87		31,483.14	31,483.14	
	Surfacing of base—reconstruction.....			2,700	0.44	0.51	2,336.59		1,191.66	1,191.66	
	<b>Totals.....</b>							\$2,211.73	\$1,499,107.31	\$1,501,319.07	
309	Towns constructed in 1938.....	106.13	miles gravel					Pd. by Town	Pd. by State	Total Cost	
59	Towns completed base of previous years.....	18.23	" gravel								
	Total added gravel mileage 1938.....	124.36	" gravel					Cost of Work.....	\$524,652.11	\$976,666.96	\$1,501,319.07
2	Towns constructed.....	0.49	" concrete					General Engineering & Supervision.....		45,081.03	45,081.03
2	Towns constructed.....	0.85	" BitL. Conc.					Reimbursement to towns.....	43,452.38	26,426.90	69,879.28
2	Towns constructed.....	0.47	" Bit Mac.					Transferred to Bridge Loan.....	100.00	14,698.88	14,798.88
	Total added mileage 1938.....	126.17	" "					Transferred to Federal Project.....	500.00	1,338.14	1,838.14
127	Towns gravel reconstruction.....	40.43	" "					Compensation Insurance.....	10,000.00	10,000.00	10,000.00
6	Towns base surfaced reconstruction.....	0.51	" "					Total expenditures.....	\$568,704.49	\$1,074,212.21	\$1,642,916.70
1	Town bituminous concrete reconstruction.....	0.29	" "								
	Total miles reconstructed.....	41.23	" "								
	Total constructed mileage 1938.....	167.40	" "								
3	Towns grading only.....	0.71	" "								
76	Towns grading and base.....	22.54	" "								
14	Towns grading and base, reconstruction.....	3.78	" "								
298	Towns tar surface treatment.....	205.88	" "								

Note: Paid by State includes \$12,660.80 town money paid to State.

**1938 STATE AID COUNTY TABLE, SHOWING MILES CONSTRUCTED AND TOTAL COSTS**  
**(Does not Include Engineering)**

County	Miles Gravel	Miles Base Surface 1938	Miles Conc.	Miles Bit. Mac. Concr.	Miles Bit. Mac.	Total Miles Constructed	Miles Grading & Base	Miles Reconstructed	Miles Tar Surf. Treated	Total Cost	Paid by Town	Paid by State
Androscoggin	4.72					4.72	0.39	0.18 B 1.77	11.08	\$51,108.94	\$16,765.70	\$34,343.24
Aroostook	11.61	2.14				13.75	1.40	0.07 BS 0.50 B 4.85	30.43	171,125.02	56,430.47	114,694.55
Cumberland	9.55	0.08		0.85		10.48		2.73	11.68	143,991.60	73,443.23	70,548.37
Franklin	6.31	0.51				6.82	0.60 G 0.51	0.24 B 1.65	12.60	71,037.85	17,769.46	53,268.39
Hancock	10.75	0.59				11.34	1.63	0.03 BS 0.15 B 3.67	14.82	115,413.93	37,164.08	78,249.85
Kennebec	4.76	0.30	0.19			5.25	1.19	0.29 RBC 0.88 B 1.47	13.05	95,957.45	34,712.15	61,245.30
Knox	5.85	1.30				7.15	0.11 G 0.49	0.06 B	11.98	61,594.32	21,864.05	39,730.27
Lincoln	1.61	2.35				3.96	1.40	1.53	9.84	49,236.51	23,662.73	25,573.78
Oxford	7.09	0.64	0.30			8.03	0.51	0.06 BS 5.26	8.43	116,867.08	44,795.63	72,071.45
Penobscot	8.61	2.00				10.61	3.82	0.09 BS 1.29 B 4.29	20.68	150,431.83	48,309.20	102,122.63
Piscataquis	2.21	2.77				4.98	1.30	0.02 BS 2.68	7.22	53,726.16	19,806.17	33,919.99
Sagadahoc	1.91				0.38	2.29	0.09	0.70	6.09	29,904.37	10,080.19	19,824.18
Somerset	7.31	0.85				8.16	4.02	0.20 B 2.29	12.38	93,467.86	30,615.73	62,852.13
Waldo	8.02	1.18				9.20	0.41	2.35	9.03	78,083.11	21,052.75	57,030.36
Washington	7.69	1.80				9.49	3.36	0.24 BS 0.28 B 4.17	16.06	119,927.31	28,049.38	91,877.93
York	8.13	1.72			0.09	9.94	2.02	1.02	10.51	99,445.73	40,131.19	59,314.54
Totals	106.13	18.23	0.49	0.85	0.47	126.17	22.54 0.71 G	40.43 3.78 B 0.51 BS 0.29 RBC	205.88	\$1,501,319.07	\$524,652.11	\$976,666.96

G—Grading only. B—Base on reconstruction. BS—Base surfaced on reconstruction. RBC—Reconstruction Bit. Conc.  
 Note: Paid by State includes \$12,660.80 town money paid to State.

**THIRD CLASS HIGHWAYS****January 1, 1938 to December 31, 1938**

Apportionments from the third class highway fund for 1938 were made to 473 towns. The amount available for third class highways by apportionment in 1938 was \$670,000.00. The rate of apportionment on 13,875.07 miles of third class roads in 1938 was \$44.50 per mile.

Unexpended balances from 1937 amounting to \$73,321.10 were carried forward to 1938; \$19,422.36 was transferred from special resolve appropriation; \$403.14 was received from the Town of Mexico and credited to the account, \$103.77 was refunded to third class general supervision account from special resolves.

The total amount of state funds available for third class expenditures was \$764,488.79

The work done in 1938 is briefly as follows:

257 towns built gravel surface roads; 1 city (Portland) built a bituminous macadam road; 8 towns expended all of fund and 3 towns expended part of fund in rebuilding gravel; 11 towns expended all of fund and 29 towns expended part of fund for bituminous surface treatment; 31 towns expended all of fund and 16 towns expended part of fund on incompleated work; 9 towns expended all of fund for surfacing work previously based and 27 towns expended part of fund for surfacing work previously based.

Expenditures from State and town funds made available for third class highways amounted to \$745,122.55. Of this amount transfers, amounting to \$182,515.09, were made to other activities. These transfers included: \$7,500.00 to the state aid supervision account, \$148,084.98 to state aid road construction, \$11,000.00 to Workmen's Compensation Insurance and \$15,930.11 to the Bridge Loan Fund. The sum of \$562,607.46 was expended for third class highway work. Of this amount \$13,601.18 was paid to towns in reimbursement for work previously done, \$31,755.94 was paid for supervision and \$517,250.34 for labor and material. Of the total of \$562,607.46, the sum of \$53,262.58 was paid by towns and \$509,344.88 was paid by the state.

Reimbursements were made to 1 town reported in 1928; 1 town reported in 1935; 1 town reported in 1936 and 19 towns reported in 1937.

A total of 63.70 miles was reported in 1938, of which 56.73 miles were constructed with gravel surface; 0.11 mile of bituminous macadam and 6.86 miles were surfacing base previously reported. In addition to the above mileage, 4.79 miles were reported as rebuilt gravel; 46.64 miles were reported as bituminous surface treatment and 11.12 miles were reported as incomplete work.

Acknowledgment is made of cooperation by the Maine Works Progress Administration in furnishing labor, and in some cases trucks and materials, for third class projects without charge to the towns or state. On such projects, the town's third class fund was used as the sponsor's share of the cost.

### THIRD CLASS STATEMENT—1938

July 1, 1938

Amount Available from 1938 Apportionment.....	\$670,000.00
Workmen's Compensation Insurance..	\$ 11,000.00
1937 Supervision Overdraft.....	56.96
1938 Supervision.....	41,502.42
1938 Mileage:	
13,875.07 miles at \$44.50 per mile... ..	617,440.62
	\$670,000.00

### STATEMENT OF THIRD CLASS HIGHWAY FUND

From January 1, 1938, to December 31, 1938

	Net Funds Available	Expenditures	Balances
1938 Workmen's Compensation Apportionment.....	\$11,000.00	\$11,000.00	\$ .....
1937 General Supervision Overexpenditure.....	56.96	56.96	.....
1938 General Supervision Apportionment.....	41,502.42	39,095.21	2,407.21
Refund from Special Resolves.....	103.77	103.77	.....
1937 Unexpended Construction Balance.....	73,321.10	73,321.10	.....
1938 Construction Apportionment.....	617,440.62	547,219.01	70,221.61
Transferred from Special Resolves.....	19,422.36	19,422.36	.....
Transferred from Bridge Loan Fund.....	1,238.42	1,238.42	.....
Check from Town of Mexico.....	403.14	403.14	.....
	\$764,488.79	\$691,859.97	\$72,628.82
Cost of Supervision and Compensation Insurance (\$50,255.94 minus \$7,500.00 transferred to S. A.).....		\$42,755.94	
Transferred to State Aid, including supervision (\$7,500.00).....		\$649,104.03	
		155,584.98	
Transferred to Bridge Loan Fund.....		\$493,519.05	
		15,930.11	
Reimbursements.....		\$477,588.94	
		13,601.18	
Paid by State, 1938 Construction.....		\$463,987.76	
Paid by Towns, 1938 Construction.....		53,262.58	
Total Cost, 1938 Construction—Labor and Material.....		\$517,250.34	



**SUMMARY OF EXPENDITURES ON THIRD CLASS HIGHWAYS**

**January 1, 1938 to December 31, 1938**

No. of Towns	Type of Road	Length Miles	Cost of Labor and Materials	Total Cost	Paid by Towns	Total Paid by State	Cost per Mile
257	Gravel.....	56.73	\$384,374.36	\$384,374.36	\$36,874.20	\$347,500.16	\$6,776.70
1	Bituminous Macadam.....	0.11	3,947.05	3,947.05		3,947.05	35,882.27
11	Rebuilt.....		22,243.16	22,243.16	4,431.95	17,811.21	4,633.99
40	Bituminous Surface Treatment.....		37,957.13	37,957.13	4,848.30	33,108.83	814.88
17	Uncompleted Work.....		61,632.39	61,632.39	6,966.65	54,665.74	5,562.49
36	Surfacing Base previously reported.....	6.86	7,096.25	7,096.25	141.48	6,954.77	1,101.90
22	Totals—Construction, Expenditures for Supervision, Reimbursements.....	63.70	\$517,250.34	\$517,250.34 31,755.94 13,601.18	\$53,262.58	\$463,987.76 31,755.94 13,601.18	
	Total Expenditures.....			\$562,607.46	\$53,262.58	\$509,344.88	

50 Laid over to 1939  
 132 Fund transferred to other Appropriations  
 473 Towns Received Apportionment in 1938  
 Rate of Apportionment—\$44.50 per mile of third class road.

**1938 THIRD CLASS COUNTY TABLE SHOWING MILES CONSTRUCTED AND TOTAL COSTS**

County	Gravel	Bit. Mac.	Surfaced Previously Reported Base	Total Miles Constructed	Rebuilt	Uncompleted Work	Tar Surface Treatment	Total Cost	Paid by Town	Paid by State
Androscoggin.....	2.80		0.20	3.00		0.68	4.12	\$37,855.64	\$2,826.39	\$35,029.25
Aroostook.....	4.79		0.40	5.19		1.16	0.22	44,685.98	5,127.08	39,558.90
Cumberland.....	5.31	0.11	0.19	5.61	1.23	0.13	4.18	51,246.24	11,847.97	39,398.27
Franklin.....	2.92			2.92		0.54	4.10	20,839.01	3,069.48	17,769.53
Hancock.....	1.02		0.19	1.21		0.13		10,752.13	1,316.05	9,436.08
Kennebec.....	2.64		0.33	2.97	1.31	1.19	6.49	34,955.94	1,272.54	33,683.40
Knox.....	1.15			1.15			2.00	13,606.45	2,171.40	11,435.05
Lincoln.....	1.85		0.97	2.82		1.19	4.80	22,420.29	3,934.83	18,485.46
Oxford.....	4.06		0.80	4.86	0.27	0.04	3.80	33,222.46	3,043.38	30,179.08
Piscataquis.....	1.99		0.54	2.53		0.45		20,042.67	1,405.90	18,636.77
Penobscot.....	5.06		0.84	5.90	1.27	0.51	4.35	40,160.65	1,735.96	38,424.69
Sagadahoc.....	0.59		1.19	1.78		0.44		8,892.87	545.77	8,347.10
Somerset.....	4.67		0.39	5.06	0.71	2.60	1.00	44,430.52	3,836.82	40,593.70
Waldo.....	7.16		0.15	7.31		0.76	0.60	42,755.40	4,800.00	37,955.40
Washington.....	4.27		0.16	4.43		0.15	0.30	25,440.75	1,242.08	24,198.67
York.....	6.45		0.51	6.96		1.15	10.68	65,943.34	5,086.93	60,856.41
Totals.....	56.73	0.11	6.86	63.70	4.79	11.12	46.64	\$517,250.34	\$53,262.58	\$463,987.76

**SPECIAL RESOLVES****Including Expenditures, January 1, 1938****to December 31, 1938****Available Funds**

Chapter 149, Resolves of 1937, provided \$150,000.00, subdivided into 235 resolves, for expenditure in 1938 to aid 227 towns in the construction and repair of roads and bridges. And further provided \$68,300.00, subdivided into 38 resolves, for expenditure in 1938 to aid 34 towns in the construction and repair of roads, bridges and ferries.

In addition to the above \$3,689.31 was apportioned to 2 towns by Chapter 99, Private & Special Laws 1937, being seventy-five per cent of all fees received from the inhabitants of North Haven and Vinalhaven by the state for the registration of motor vehicles for 1937. The Governor and Council authorized the expenditure of \$10,000.00 on the Brownville-Millinocket road in addition to the amount appropriated by the Legislature.

The unexpended balance amounting to \$67,464.33 brought forward from 1937, in addition to the above amounts, made a fund of \$299,453.64.

**Work Done in 1938**

The resolves under Chapter 149, Resolves of 1937, were expended as follows: 109 resolves were expended for construction, 2 resolves were expended for base work, 5 resolves were expended for bituminous surface treatment, 67 resolves were expended for repair work, 3 resolves were expended for bridge work. 45 resolves were transferred to state aid accounts, 28 resolves were transferred to third class accounts, 4 resolves were transferred to Bridge Loan Fund, 2 resolves were transferred to General Highway Fund, and 19 resolves were laid over to 1939. 6 resolves were used for two classes of work and supervision was expended from 20 resolves which were transferred to construction. 1 resolve was used for the purpose of retiring bonds and interest. Reimbursements were made from 14 resolves for work done in previous years. The two resolves under Chapter 99, Private and Special Laws of 1937, were expended as follows: 1 resolve fund was expended for construction work and 1 for repair work.

In addition to the above 102 balances from 1937 (Chapter 149, Resolves of 1937) were expended as follows: 27 were expended in construction work (including miscellaneous supervision charges from 5 balances), 3 balances were expended in bituminous surface treatment, 13 balances were expended in repair work, 1 balance was expended for right of way, 1 balance was expended on a ferry, 15 balances were transferred to state aid, 7 were transferred to third class, 7 were transferred to Bridge Loan

Fund and 29 balances were laid over to 1939. 2 balances were used as a reimbursement for previous year's work. 3 balances were used for two classes of work.

Old balances (Chap. 124, Resolves of 1935) were expended as follows: 2 in construction work, 4 in repair work, 7 were transferred to state aid, 2 were transferred to third class, and 12 were laid over to 1939. 9 balances amounting to \$35.41 were lapsed to the General Highway Fund.

Old balances (Chap. 215, Resolves of 1933) were expended as follows: 1 was expended in construction work. 2 were transferred to state aid. 1 was laid over to 1939.

\$9,900.47 was expended for construction from transfers made from the State Contingent Fund.

The total expenditure from Special Resolve appropriations was \$265,455.91. The towns in addition expended the sum of \$13,636.57. A balance of \$33,997.73 is available for expenditure in 1939.

In addition to the bridge and culvert work and work on ferry boats, 15.10 miles of gravel roads were constructed, including grading and base, 0.10 miles were based only, 3.83 miles were bituminous surface treated and 44.15 were repaired.

**STATEMENT OF SPECIAL LEGISLATIVE APPROPRIATIONS**  
**Expenditures from January 1, 1938 to December 31, 1938**  
**and Balances on December 31, 1938**

	Appropriations	Lapsed to Gen. Highway Fund	Expenditures	Balances
Chap. 215, Res. 1933-34 Road Resolves . . . . . Bal. . . . .	\$ 352.46		\$ 125.96	\$ 226.50
Chap. 215, Res. 1934-35 Road Resolves . . . . . Bal. . . . .	762.54		700.00	62.54
Chap. 124, Res. 1935-36 Road Resolves . . . . . Bal. . . . .	3,030.73	1.81	1,165.14	1,863.78
Special Fund 1935 Readfield (Tallwood Inn Road) . . . . . Bal. . . . .	63.92			63.92
Chap. 124, Res. 1936-37 Road Resolves . . . . . Bal. . . . .	4,329.15	33.60	2,836.60	1,458.95
Chap. 149, Res. 1937-38 Road Resolves . . . . . Bal. . . . .	25,515.63		21,749.49	3,766.14
Chap. 149, Res. 1937-38 Resolves from General Highway Fund . . . . . Bal. . . . .	32,357.16		26,139.38	6,217.78
Chap. 149, Res. 1937 Greenville-Rockwood (from Gen. High. C.O. 401 1937) . . . . . Bal. . . . .	1,052.74		1,052.74	
	67,464.33	35.41	\$53,769.31	\$13,659.61
Chap. 149, Res. 1937-38 (Regular) . . . . .	150,000.00		132,261.95	17,738.05
Chap. 149, Res. 1937-38 From General Highway Fund . . . . .	68,300.00		65,799.85	2,500.15
Chap. 99, Private and Special Laws 1937 . . . . .	3,689.31		3,688.92	0.39
Chap. 149, Res. 1937 (From State Contingent Fund C.O. 660,820,860,912) Brownville-Millinocket Road . . . . .	10,000.00		9,900.47	99.53
<b>Totals . . . . .</b>	<b>\$299,453.64</b>	<b>\$35.41</b>	<b>\$265,420.50</b>	<b>\$33,997.93</b>
Resolves transferred to State Aid . . . . .			53,628.03	
Resolves transferred to Third Class . . . . .			19,422.36	
Resolves transferred to Bridge Loan Fund . . . . .			14,900.99	
Resolves transferred to General Highway Fund . . . . .			7,000.00	
Reimbursements . . . . .			15,037.68	
Lapsed Balances . . . . .		35.41		
<b>Sub-Total to deduct from Total Expenditures . . . . .</b>			<b>\$109,989.06</b>	
Total paid by State for road work . . . . .			\$155,431.41	
Total paid by Town for road work . . . . .			13,636.57	
<b>Total Cost of Road Work . . . . .</b>			<b>\$169,068.01</b>	
Paid from Contingent Fund . . . . .			\$9,900.47	
Paid from Balances . . . . .			28,023.75	
<b>Sub-Total to deduct from Cost of Road Work . . . . .</b>			<b>\$37,924.22</b>	
Total Cost of 1938 Regular Special Resolves . . . . .			\$131,143.79	
Total Cost of Regular Special Resolves paid by Town . . . . .			13,636.57	
Total Cost of 1938 Regular Special Resolves paid by State . . . . .			<b>\$117,507.22</b>	

Note: To check with Controller's report add \$6,298.85 (deductions to correct errors and make adjustments within the account) to both appropriations and expenditures.

**TABULAR STATEMENT OF EXPENDITURES UNDER SPECIAL LEGISLATIVE RESOLVES**

**Expenditures from January 1, 1938 to December 31, 1938**

STATE HIGHWAY COMMISSION

	Cost of Engineering and Supervision	Cost of Labor and Material	Total Cost	Paid by Towns	Paid by State Chap. 149 Res. 1938	Paid by State Chap. 99 Res. 1937	Paid by State Chap. 149 Res. 1937	Paid by State Ch. 124 Res. 1936	Paid by State Ch. 124 Res. 1935	Paid by State Ch. 215 Res. 1934	Paid by State Ch. 215 Res. 1933	Paid by State Miscel. Credits	Total Paid by State
Road Construction (Gravel)	\$4,418.91	\$102,624.20	\$107,043.11	\$10,070.54	\$67,139.65		\$19,733.35	\$145.88		\$20.39	\$32.83	\$9,900.47	\$96,972.57
Road based (only)	26.00	1,108.43	1,134.43	112.47	1,021.96								1,021.96
Road Repairs	429.91	51,469.71	51,899.62	2,816.35	38,962.36	3,688.92	6,383.79	48.20					49,083.27
Road Bit. Surface Treated	7.33	2,811.87	2,819.20	613.33	1,894.38		311.49						2,205.87
Bridge Work	18.60	5,311.23	5,359.83	4.41	4,799.95		555.47						5,355.42
Land Damage	300.00		300.00				300.00						300.00
Ferry		511.82	511.82	19.47			492.35						492.35
<b>SUB TOTALS</b>	<b>\$5,200.75</b>	<b>\$163,867.26</b>	<b>\$169,068.01</b>	<b>\$13,636.57</b>	<b>\$113,818.30</b>	<b>\$3,688.92</b>	<b>\$27,776.45</b>	<b>\$194.08</b>		<b>\$20.39</b>	<b>\$32.83</b>	<b>\$9,900.47</b>	<b>\$155,431.14</b>
Special Resolves Transferred to State Aid					41,255.77		9,594.77	932.74	1,165.14	679.61			53,628.03
Special Resolves Transferred to Third Class					16,564.21		2,144.26	713.89					19,422.36
Special Resolves Transferred to Bridge Loan Fund					6,296.34		7,608.76	995.89					14,900.99
Special Resolves Transferred to General Highway Fund					7,000.00								7,000.00
Interest and Retirement on Bonds (Hancock-Sullivan Bridge District)					8,227.18		1,910.50						10,137.68
					4,900.00								4,900.00
<b>SUB TOTALS</b>					<b>\$198,061.80</b>	<b>\$3,688.92</b>	<b>\$49,034.74</b>	<b>\$2,836.60</b>	<b>\$1,165.14</b>	<b>\$700.00</b>	<b>\$32.83</b>	<b>\$9,900.47</b>	<b>\$265,420.50</b>
		Balances Lapsed					33.60	1.81					35.41
<b>TOTALS</b>					<b>\$198,061.80</b>	<b>\$3,688.92</b>	<b>\$49,034.74</b>	<b>\$2,870.20</b>	<b>\$1,166.95</b>	<b>\$700.00</b>	<b>\$32.83</b>	<b>\$9,900.47</b>	<b>\$265,455.91</b>

## 1938—SPECIAL RESOLVES

County	Gravel Construction Grading and Base		Base		Bituminous Surface Treated		Repairs		Constr. All Other Work	Total Cost	Paid by Town	Paid by State
	Miles	Cost	Miles	Cost	Miles	Cost	Miles	Cost				
Androscoggin . . . . .	1.12	\$5,028.77			0.70	\$578.95	0.50	\$995.71		\$6,603.43	\$895.36	\$5,708.07
Aroostook . . . . .	1.17	16,544.30	0.06	\$912.47	0.50	911.44	3.38	4,208.14	\$1,059.42	23,635.77	1,737.30	21,898.47
Cumberland . . . . .	0.53	4,030.47								4,030.47	1,503.86	2,526.61
Franklin . . . . .		104.70					2.00	504.48		609.18	57.45	551.73
Hancock . . . . .	0.95	3,407.93					5.62	5,440.56		8,848.49	578.61	8,269.88
Kennebec . . . . .	0.42	2,002.24	0.04	221.96			3.45	3,271.43	600.41	6,096.04	497.78	5,598.26
Knox . . . . .	0.39	4,127.48					1.85	3,035.45		7,162.93	791.48	6,371.45
Lincoln . . . . .	1.22	3,626.67			0.58	176.00	1.64	5,002.38	511.82	9,316.87	854.87	8,462.00
Oxford . . . . .	1.00	7,925.57			0.70	795.59	1.62	2,000.14	4,000.00	14,721.30	1,807.61	12,913.69
Penobscot . . . . .	1.25	8,247.49					6.07	4,537.54		12,785.03	699.71	12,085.32
Piscataquis . . . . .	1.04	25,443.76					3.90	4,252.51		29,696.27	695.22	29,001.05
Sagadahoc . . . . .	0.23	622.03					0.50	1,109.25		1,731.28	109.25	1,622.03
Somerset . . . . .	1.06	2,637.02			0.60	218.38	4.36	6,574.14		9,429.54	359.19	9,070.35
Waldo . . . . .	1.47	5,549.80					0.57	1,182.01		6,731.81	257.43	6,474.38
Washington . . . . .	0.37	2,413.24					7.43	5,152.89		7,566.13	329.59	7,236.54
York . . . . .	2.88	15,331.64			0.75	138.84	1.26	4,632.99		20,103.47	2,461.86	17,641.61
Totals . . . . .	15.10	\$107,043.11	0.10	\$1,134.43	3.83	\$2,819.20	44.15	\$51,899.62	\$6,171.65	\$169,068.01	\$13,636.57	\$155,431.44

**1938—MISCELLANEOUS ROAD WORK**

**Direct Expenditures from the General Highway Fund for Construction or Reconstruction  
Work, not Shown in Other Accounts**

Town	County	Expenditures			Remarks
		Surveys	Labor and Materials	Total	
Ashland .....	Aroostook	.....	\$1,996.83	\$1,996.83	W.P.A. sponsorship, state highway construction, Council Order No. 23
Fort Kent .....	Aroostook	.....	132.16	132.16	W.P.A. sponsorship, reconstruction state aid highway No. 1, Council Order No. 898 (1937)
Limestone .....	Aroostook	.....	1,000.00	1,000.00	W.P.A. sponsorship, state highway reconstruction, Council Order No. 898 (1937)
*Twp. 17 R. 4 & Twp. 17 R. 5.	Aroostook	331.99	9,573.86	9,905.85	W.P.A. sponsorship, Guerette-Sinclair road construction, Council Order No. 898 (1937)
Van Buren .....	Aroostook	.....	839.52	839.52	W.P.A. sponsorship, construction state aid highway No. 5, Council Order No. 898 (1937)
Houghton-Oquossoc .....	Franklin	.....	0.80	0.80	
Newport .....	Penobscot	.....	558.44	558.44	State aid highway No. 10, construction and repair
<b>Total .....</b>		<b>331.99</b>	<b>\$14,101.61</b>	<b>\$14,433.60</b>	

Note: To check Controller's report add \$875.12 (refund and cancelled checks) to total expenditures.

\*Twp. 17 R. 4—2.73 miles.

Twp. 17 R. 5—2.30 miles.

**MISCELLANEOUS ROAD WORK—(CWA Supplies Account)****Expenditures Authorized by the Governor and Council to Pay Costs  
for Which No Provision was Made by Federal Allocations**

	County	1937 Balances	1938 Funds	Total Available	Expendi- ture	Balance
Houghton-Oquossoc .....	Franklin	\$5,002.19	\$4,754.40	\$9,756.59	\$8,586.61	\$1,169.98
Oquossoc-Wilson's Mills .....	Oxford	0.12	.....	0.12	0.12	.....
Shin Pond .....	Penobscot	0.71	.....	0.71	0.71	.....
Shirley .....	Piscataquis	12.20	.....	12.20	12.20	.....
Totals .....		\$5,015.22	\$4,754.40	\$9,769.62	\$8,599.64	\$1,169.98
1937 Balances lapsed .....		13.03	.....	13.03	13.03	.....
1938 Cancelled Checks .....		.....	91.22	91.22	91.22	.....
1938 Material sold .....		.....	141.45	141.45	141.45	.....
Net Available .....		\$5,002.19	\$4,521.73	\$9,523.92		\$1,169.98
Net Cost of Work .....					\$8,353.94	

Houghton-Oquossoc—\$3,000.00 from State Contingent Fund, Council Order 744.  
\$1,521.73 from General Highway Fund—Federal Allotment.

**MAINTENANCE OF UNIMPROVED ROADS****Including Expenditures, January 1, 1938****to December 31, 1938**

Apportionments from fund for maintenance of unimproved roads were made to 535 cities, towns and plantations. The amount available for this work was \$200,000.00, and to this was added \$39.90 which was rescinded and transferred to the appropriation account from apportionment to Grafton in 1937, and therefore became available for reapportionment. After deducting \$3,000.00 for Workmen's Compensation, and \$3,729.15 for general supervision, the available amount for apportionment was \$193,310.75.

The mileage of unimproved roads, used as a basis for allotting the fund available for 1938, was determined by securing certificates from municipal officers of each city, town or plantation, certifying to the total number of miles of unimproved roads which become impassable at some season of the year because of conditions other than snow. These certificates were checked by engineers assigned from the highway department, and the total mileage thus reported and accepted as a basis for apportionment from this fund was 10,563.43 miles. The rate of apportionment to each town was \$18.30 per mile.

The total amount available for expenditure, including balances brought forward from 1937, was \$218,953.05. The total reported expenditure on account of maintenance of unimproved roads was \$205,209.83. Of this total expenditure, \$196,346.09



was paid from maintenance of unimproved roads apportionments and balances, and \$8,863.74 was paid by cities, towns and plantations. In addition to the above, \$3,000.00 was paid into the Workmen's Compensation Fund, and \$4,545.64 was paid by the State for 1938 supervision.

46 cities, towns and plantations having apportionments totaling \$8,767.88 failed to report any expenditures within the calendar year ending December 31, 1938, and this figure, plus balances totaling \$3,083.08 remaining from apportionments made to towns which reported expenditures, and \$3,170.46 which remains unexpended from 1938 general supervision makes a total of \$15,021.42 to be carried forward to 1939.

### 1938

#### STATEMENT UNIMPROVED ROADS FUND

1938 Fund . . . . .	\$200,000.00	
Rescinded from 1937 apportionment to Grafton . . . . .		39.90
		<hr/>
Amount Available . . . . .		\$200,039.90
1938 Workmen's Compensation . . . . .	\$3,000.00	
1938 Supervision . . . . .	3,729.15	
1938 Apportionment 10,563.43 miles at \$18.30 . . . . .		193,310.75
		<hr/>
		\$200,039.90

Rate of Apportionment, \$18.30 per mile.

## STATEMENT OF FUNDS FOR MAINTENANCE OF UNIMPROVED ROADS

From January 1, 1938 to December 31, 1938

	Net Funds Available	Expenditures	Balances
1938 Workmen's Compensation Apportionment .....	\$ 3,000.00	\$ 3,000.00	
1937 General Supervision Balance .....	3,986.95	3,986.95	
1938 General Supervision Apportionment .....	3,729.15	558.69	\$3,170.46
1937 Unexpended balance from Apportionments, including collections from Corinth (.40) Cutler (.19) .....	14,926.20	14,926.20	
1938 Apportionments to Towns .....	193,310.75	181,459.79	11,850.96
	\$218,953.05	\$203,931.63	\$15,021.42
Cost of Supervision and Compensation Insurance .....		7,545.64	
State Expenditure for Maintenance of Unimproved Roads .....		196,385.99	
Apportionment to Grafton in 1937, shown on 1937 report as balance unexpended, rescinded in 1938 and reapportioned .....		39.90	
Cost of Work (State) .....		196,346.09	
Town Expenditure, Maintenance of Unimproved Roads .....		8,863.74	
Total Cost of Maintenance of Unimproved Roads .....		205,209.83	
Overdraft of 1937 Bradford account, collected in 1938, but applied through error to State Aid Account, therefore showing as overdraft on Controller's report, December 31, 1938 .....			*1.00
		\$205,209.83	\$15,022.42

\*To be collected from Bradford State Aid account, during 1939.

## COUNTY TABLE SHOWING EXPENDITURES FOR MAINTENANCE OF UNIMPROVED ROADS

January 1, 1938 to December 31, 1938

	Total Cost	Paid by Town	Paid by State
Androscoggin . . . . .	\$11,055.69	\$2,054.17	\$ 9,001.52
Aroostook . . . . .	19,594.77	780.09	18,814.68
Cumberland . . . . .	19,535.65	1,499.11	18,036.54
Franklin . . . . .	10,185.62	428.21	9,757.41
Hancock . . . . .	12,022.37	982.40	11,039.97
Kennebec . . . . .	13,464.56	427.80	13,036.76
Knox . . . . .	5,995.96	282.38	5,713.58
Lincoln . . . . .	6,462.57	327.29	6,135.28
Oxford . . . . .	20,536.90	246.00	20,290.90
Penobscot . . . . .	17,468.15	774.86	16,693.29
Piscataquis . . . . .	6,644.38	51.65	6,592.73
Sagadahoc . . . . .	5,211.89	21.43	5,190.46
Somerset . . . . .	16,084.85	678.36	15,406.49
Waldo . . . . .	14,688.10	107.08	14,581.02
Washington . . . . .	6,572.74	78.94	6,493.80
York . . . . .	19,685.63	123.97	19,561.66
Totals . . . . .	\$205,209.83	\$8,863.74	\$196,346.09

## REGULATION OF OUTDOOR ADVERTISING REPORT

January 1, 1938 to December 31, 1938

The total amount paid during the calendar year of 1938 for licenses was \$3,540.00 and of this amount \$340.00 was paid for 68 licenses requiring a \$5.00 fee and \$3,200.00 was paid for 128 licenses requiring a \$25.00 fee. The total amount paid during 1938 for permits was \$5,322.00 but from this amount a refund of \$1.00 was made for a permit fee paid through error. The net amount for permit fees was \$5,321.00 and the total number of permits issued was 3094.

During 1938 several inspections were made of all heavily traveled highways and in addition, records were completed for many miles of road of lesser importance. In addition to regular inspection work it was necessary to inspect the large number of locations required for the relocation of signs that were relocated. A complete check was made of places of business to see that the number of signs displayed did not exceed the number and area that is exempt by law. It was also necessary to acquaint many new owners with the requirements of the law.

Reports on file show that 10,842 signs were removed during the year and in addition to that number, a conservative estimate of signs removed for which no records are made would be 1500. The signs for which no records were made were temporary posters for political or agricultural fair purposes and those posters were removed as quickly as possible but only after the dates they advertised had passed.

<b>Receipts</b>		<b>Expenditures</b>	
68 Licenses at \$5.00 . . .	\$ 340.00	Salaries . . . . .	\$7,644.00
128 Licenses at \$25.00 . .	3,200.00	Personal Expenses . . . .	987.17
3094 Permits Issued . . . .	5,322.00	Removing Signs . . . . .	29.95
Journal Correction . . . . .	2.34	Refund Overpayment . . .	1.00
	-----	Mileage . . . . .	2,142.88
	\$8,864.34	Printing & Supplies . . . .	290.24
Transfer for Overdraft . . .	2,233.24	Journal Correction . . . . .	2.34
	-----		-----
	\$11,097.58		\$11,097.58
Net receipts . . . . .	\$11,094.24	Net expenditures . . . . .	\$11,094.24

### MAINTENANCE WORK FOR 1938

The following is a general report concerning maintenance work during 1938. 416 regular maintenance men were employed in caring for 7,015.91 miles of road in 555 towns. Of this mileage 2,613.13 miles was improved State Highway, 4,385.64 miles was improved State Aid Highway and the balance of 17.14 miles was unimproved road. There was also maintained by special arrangement with the towns 195.68 miles of improved State Aid road and 6.34 miles of improved State Highway.

A total expenditure for labor and material of \$2,453,425.20 was made on this work, including \$9,824.49 furnished by the State for road machine work. The State also furnished supervision and inspection for work amounting to \$90,144.88 making a total gross expenditure chargeable to maintenance of \*\$2,543,570.08; of this amount, the State furnished \$2,255,686.18 and the cities and towns furnished \$287,883.90. The average expenditure per mile was \$352.39.

On the 2,619.47 miles of State Highway, the expenditure for labor, material, and supervision was \$1,097,751.42, or an average expenditure per mile of \$419.07.

The expenditure on the 4,598.46 miles of State Aid Highways was for labor, material and supervision \$1,445,818.66, or an average expenditure per mile of \$314.41.

\*The Controller's total equals \$2,601,790.53. This figure however, includes credits on account of refunds, labor and equipment charged to Maintenance employed tarring State Aid Construction, town work, etc. Also miscellaneous credits on permits, cancelled checks, etc. These credits total \$58,220.45 which deducted from \$2,601,790.53 equals \$2,543,570.08, the net or actual maintenance cost.

1938 MAINTENANCE EXPENDITURES

STATE HIGHWAY COMMISSION

107

Items	Super- vision	Un- improved Type 2	Concrete Type 6	Macadam Type 7	Surface Treated Gravel Type 8	Plain Gravel Type 9	Totals	%
Raking Rocks		\$37.80				\$3,597.29	\$ 3,635.09	.14
Smoothing Road Surface with Grader		164.04			\$37,176.43	78,777.83	116,118.30	4.506
Smoothing Road Surface with Drag			\$ 101.03	\$ 18.86	5,078.98	36,539.48	41,738.35	1.64
Road Machine Work on Shoulders			1,989.66	5,025.76	22,297.09	4,364.62	33,677.13	1.388
Road Machine Work on Ditches			117.88	1,545.36	24,974.05	6,510.04	33,147.33	1.306
Road Machine Work Scarifying					936.11	936.11	.04	
Cleaning Culverts			1,606.84	1,514.37	10,849.92	3,588.94	17,560.07	.69
Repairing Culverts	5.40		3,282.39	1,756.84	9,477.48	3,333.29	17,855.40	.70
Installing New Culverts. Type —	74.30		1,049.19	5,179.09	16,632.96	2,626.10	25,561.64	1.00
Cleaning Ditches by Hand			2,741.69	5,779.14	59,574.58	11,424.71	79,520.12	3.13
Hauling Material on Shoulders	26.95		15,266.31	10,464.62	47,464.00	5,816.22	79,038.10	3.11
Guard Rails, Wood or Cable			1,990.46	3,305.10	14,374.28	1,399.03	21,068.87	.83
Painting Guard Rails			716.24	898.97	4,605.79	345.62	6,566.62	.26
Painting Sign Posts			33.40	447.85	360.08	21.70	863.03	.03
Painting Traffic Lines			1,887.85	3,349.39	10,230.21		15,467.45	.61
Gravel Surfacing		385.94				150,647.39	151,033.33	5.94
Filling Cracks in Concrete			6,052.63				6,052.63	.24
Bituminous Patching: on Concrete			1,827.44				1,827.44	.07
Bituminous Patching: on Bituminous				18,928.72			18,928.72	.74
Surface Treatment (Gravel) with Tar					966,438.07		966,438.07	37.998
Surface Treatment Macadam Surfaces				22,708.79			22,708.79	.89
Hauling Cover for Surface Treatment				4,881.11	267,456.76		272,337.87	10.709
Work on Surface Treated Gravel (Patching)					224,084.73		224,084.73	8.812
Work on Surface Treated Gravel (Painting)					21,677.62		21,677.62	.85
Hauling and Applying Calcium		12.23				25,311.90	25,324.13	.99
Reconstruction: Grading Shoulders and Ditches				1,291.12	3,296.21	70.10	4,657.43	.18
Reconstruction: Gravel Base				3,255.57	1,960.54	148.72	5,364.83	.21
Reconstruction: Stone Base				65.93			65.93	.005
Reconstruction: Gravel Surface					9,268.25	719.76	9,988.01	.39
Signs, Warning			417.96	683.11	3,557.91	79.74	4,738.72	.19
Signs, Directional	5.25		127.48	338.11	1,069.17	47.54	1,587.55	.06
Mowing Grass: Shoulders			1,051.97	1,039.19	7,680.98	2,538.51	12,310.65	.48
Beautification			983.34	1,282.55	1,122.74		3,388.63	.13
Mud Jack			2,140.97				2,140.97	.08
Thawing Culverts			723.23	1,092.02	4,666.90	860.93	7,343.08	.29
Hauling Gravel on Concrete or Bit. Surface			1,960.34	13,635.85	154,248.70		169,844.89	6.683
Draining Water from Road Surface	18.20		659.57	2,635.63	15,290.43	4,852.87	23,456.70	.925
Clearing Debris from Roadway		2.10	184.40	518.79	3,924.96	740.62	5,370.87	.21
Supervision	\$90,144.88						90,144.88	3.548
	\$90,144.88	\$732.21	\$46,912.27	\$111,641.84	\$1,949,775.93	\$344,362.95	\$2,543,570.08	100.000%
Mileage Covered by above Report			228.23 Mi.	479.56 Mi.	4693.18 Mi.	1799.82 Mi.		

**STATE HIGHWAY PLANNING SURVEY**

The State Highway Planning Survey was organized under the provisions and authorization of Chapter 135, Resolves of 1937.

The details of the organization and the set-up of funds under agreement with the U. S. Secretary of Agriculture are stated in the 1937 report. The total amount set up for this project under the first agreement was \$166,218.45, of which the share of the United States was \$113,352.43 and of the State \$52,866.02. The 1937 report shows the sources of the funds which made up the total. The work continued through 1938 with Mr. Richard W. Darling of the U. S. Bureau of Public Roads as Bureau Manager and Mr. Fred B. Greenleaf of Auburn as State Manager.

Under date of November 22, 1938, the State Highway Commission entered into a second agreement with the Secretary of Agriculture providing for additional funds for this project amounting to \$44,297.02, of which Federal funds amounted to \$24,689.02 and state funds \$19,608.00. Under Federal provisions one and one-half per cent of available funds may be used for Planning Surveys. The Federal funds were provided under the act approved June 16, 1936, and state funds under Chapter 96, Resolves of 1935, and Chapter 229, P. L. 1937, Section 1 (h) and Section 1 (j).

Total funds under agreement as of December 31, 1938, amounted to \$210,515.47. Expenditures from all funds on the same date amounted to \$189,285.43 including expenditures made in 1937 amounting to 22,077.32.

The total estimated cost as of December 31, 1938, is \$243,-400.00.