

CHIEF ENGINEER'S RECOMMENDATIONS (1960-1961)

A. CONSTRUCTION PROGRAM COVERING HIGHWAYS, BRIDGES, BUILDINGS AND OTHER PROPERTY UNDER THE JURISDICTION OF THE DEPARTMENT

1. PRIMARY, SECONDARY, URBAN HIGHWAYS—FEDERAL AID ABC FUNDS

NEW CASTLE COUNTY

PROJECT	ESTIMATED PROJECT COST	FEDERAL SHARE	STATE SHARE
Faulkland Rd.-Center Rd.-N. DuPont Rd.	\$ 516,000	\$ 215,000	\$ 301,000
Center Rd.-Lancaster Pk.-R.R. Underpass	606,000	252,500	353,500
New Castle Avenue	984,000	410,000	574,000
Harmony Road	102,000	42,500	59,500
Limestone Rd.-Rt. 2 to Mill Creek	540,000	225,000	315,000
Foulk Rd.-Concord Pk.-Silverdale Rd.	1,560,000	650,000	910,000
Sub Total	\$4,308,000	\$1,795,000	\$2,513,000

KENT COUNTY

Willow Grove-Wyoming	\$ 480,000	\$ 200,000	\$ 280,000
Lebanon Rd.-U.S. 13-D.A.F.B.	1,150,000	478,000	671,600
Dixon's Corner-Little Creek	120,000	50,000	70,000
Sub Total	\$1,750,000	\$ 728,400	\$1,021,600

SUSSEX COUNTY

Rt. 14-Md. Line-Bethany Beach	\$ 960,000	\$ 400,000	\$ 560,000
U.S. 113-Milford Bypass-Walnut St. Ext.	1,104,000	460,000	644,000
Rt. 404-Cokesbury Church-U.S. 13	600,000	250,000	350,000
Millsboro Bridge & Approaches	240,000	100,000	140,000
Rd. 249—Rt. 18—Rt. 5	180,000	75,000	105,000
Double Bridges—Redden	264,000	110,000	154,000
Sub Total	\$3,348,000	\$1,395,000	\$1,953,000

Totals for Primary, Secondary and Urban Highways (Federal Aid System)	\$9,406,000	\$3,918,400	\$5,487,600
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2. INTERSTATE & DEFENSE HIGHWAY SYSTEM

PROJECT	ESTIMATED CONSTR. COST	FEDERAL SHARE	STATE SHARE
FAI-1(24) Christina Marsh	\$ 8,000,000	\$ 7,200,000	\$ 800,000
FAI-1(21)-I N.B. Basin Road	2,600,000	2,340,000	260,000
R/W Acquisition	807,000	726,300	80,700
FAI-2() Substructure Christina River & Pa. R.R. Bridge	3,717,000	3,345,300	371,700
TOTAL	\$15,124,000	\$13,611,600	\$1,512,400

3. NON-FEDERAL AID HIGHWAY SYSTEM, BUILDINGS AND OTHER PROJECTS

(100% STATE FUNDS)

NEW CASTLE COUNTY

Maple Rd.—Claymont	\$ 45,000
Spruce & Poplar Sts., Elsmere	75,000
Misc. Small Projects-Intersection Revision & Hot-Mix Resurfacing	125,000
Sub Total	\$ 245,000

KENT COUNTY

Misc. Small Projects & Hot-Mix Resurfacing	\$110,000
Sub Total	\$ 110,000

SUSSEX COUNTY

Misc. Small Projects & Hot-Mix Resurfacing	\$145,000
Sub Total	\$ 145,000
Total 100% State Fund Projects	\$ 500,000
Total Construction Fund	\$7,500,000

B. HARD SURFACING DIRT ROAD PROGRAM

	Estimated Cost
NEW CASTLE COUNTY	15.07 miles \$ 268,000.00
KENT COUNTY	52.33 miles \$ 936,000.00
SUSSEX COUNTY	95.17 miles \$1,696,000.00
Total	\$2,900,000.00

The foregoing lists comprise the Dirt Road Program and include more roads and mileage than can be undertaken or hard surfaced during the year. It is the intent of the Department that the roads to be hard surfaced will be selected from the foregoing lists; provided, however, that the mileage to be hard surfaced in each county during the year shall not exceed 15.7 miles for New Castle County, 52.33 miles for Kent County, and 95.17 miles for Sussex County. (Chapter 503, Volume 50, Laws of Delaware)

In selecting the dirt roads which shall be hard surfaced, the Department shall give priority to those roads for which the necessary right-of-way has been donated to the State by the adjoining landowners and shall endeavor to distribute the specific projects among the representative districts of the State in an equitable manner, giving important consideration to traffic volume.

C. STATE HIGHWAY DEPARTMENT 1961 CAPITAL IMPROVEMENTS PROGRAM

SUBURBAN DEVELOPMENT IMPROVEMENT FUND

Tuxedo Park	\$175,000
Belvedere	175,000
Highland Woods	90,000
Indian Field	110,000
Becker Avenue, Woodcrest	20,000
Misc. Projects and Resurfacing*	180,000
TOTAL	\$750,000

*To be approved by the Department

D. BEACH EROSION OR SHORE PROTECTION PROGRAM

Preventing and repairing damage from beach erosion by repairing, construction or reconstructing groins, jetties, bulkheads and other forms of shore protection, sluice gates, dikes, dams and spillways which are directly beneficial and related to shore protection and the prevention of beach erosion. The specific work and projects under this program, in addition to those specifically listed below, shall be approved by the Department—Estimated Cost \$350,000 for second year of biennium.

SECOND YEAR'S PROGRAM

1. Repair and maintenance of existing groins, and beaches, and installation of facilities	\$165,000.00
2. Place 200,000 c.y. of sand replenishment north of Indian River Inlet, Sussex County	140,000.00
3. Place 55,000 c.y. of sand replenishment at Augustine Beach, New Castle County	45,000.00
TOTAL	\$350,000.00

RECOMMENDATIONS AND SUFFICIENCY RATINGS

**A. PRIMARY, SECONDARY, URBAN HIGHWAYS
FEDERAL AID ABC FUNDS**

NEW CASTLE COUNTY	
1	Faulkland Rd.-Center Rd.-N. DuPont Rd.
2	Center Rd.-Lancaster Pk.-R.R. Underpass
3	New Castle Avenue
4	Harmony Road
5	Limestone Rd.-Rt. 2 to Mill Creek
6	Foulk Rd.-Concord Pk.-Silverdale Rd.
KENT COUNTY	
7	Willow Grove-Wyoming
8	Lebanon Rd.-U.S. 13-D.A.F.B.
9	Dixon's Corner-Little Creek
SUSSEX COUNTY	



- 12 Rt. 404-Cokesbury Church-U.S. 13
 - 13 Millsboro Bridge & Approaches
 - 14 Rd. 249-Rt. 18-Rt. 5
 - 15 Double Bridges-Redden
- B. INTERSTATE & DEFENSE HIGHWAY SYSTEM**
- 16 FAI-1(24) Christina Marsh
 - 17 FAI-1(21)-1 N.B. Basin Road
R/W Acquisition
 - 18 FAI-2() Substructure Christina River &
Pa. R.R. Bridge

**C. NON-FEDERAL AID HIGHWAY SYSTEM
(100% STATE FUNDS)**
NEW CASTLE COUNTY

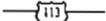
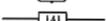
- 19 Maple Rd.-Claymont
- 20 Spruce & Poplar Sts., Elsmere





TRAFFIC FLOW MAP

ROAD NET SHOWN IS LIMITED TO THE PRIMARY AND SECONDARY SYSTEMS

 U.S. ROUTE NUMBERS
 STATE ROUTE NUMBERS

1959 24-HOUR ANNUAL AVERAGE TRAFFIC

500-2499	
2500-4999	
5000-OVER	

