



Recommendations (1959-1960)

The Chief Engineer of the Department, pursuant to Section 117 of Title 17 of the Delaware Code, recommends to the members of the Department the following capital improvements program covering matters and property which are under the jurisdiction of the Department to be considered by the Department for construction beginning July 1, 1959. The estimated cost of such programs to the State of Delaware (including the cost of acquiring necessary land and rights-of-way but exclusive of such portions of the cost of any projects included in the programs as might be paid to the State by the Federal Government) is twenty-eight million dollars (\$28,000,000) for the biennium beginning July 1, 1959 and fourteen million dollars (\$14,000,000) for each year of the biennium:

On the basis of the Department's experience over many years it is not realistic to predict or assume that all of the projects that may be approved by the Department will be consummated or even undertaken during the biennium because unforeseen difficulties (such as inability to acquire rights-of-way for legal or financial reasons) frequently arise which make it necessary to postpone or abandon a project; and, further, that conditions sometimes arise during the biennium which make it necessary to undertake immediately projects which are not listed on the original recommendation.

I respectfully submit the following capital improvements program:

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

PROJECT	NEW CASTLE COUNTY		
	ESTIMATED PROJECT COST	FED. SHARE	STATE SHARE
Milltown Road	\$1,100,000	\$ 457,600	\$ 642,400
North DuPont Road	638,000	265,408	372,592
U.S. 13—N.B. Smyrna to Rt. 896	465,000	193,440	271,560
2nd Street—Wilmington	370,000	153,920	216,080
Faulkland Rd.-Centerville Rd.-N. DuPont Rd.	570,000	231,120	338,880
Kennett Pike Interchange	1,050,000	436,800	613,200
New Castle Avenue	850,000	353,600	496,400
Rt. 273, Christiana-Hare's Cor.	280,000	116,480	163,520
Harmony Road	200,000	83,200	116,800
Limestone Rd.-Pa. Line Rt. 2	1,200,000	499,200	700,800
W. Cleveland Ave. Ext., Newark	75,000	31,200	43,800
S. Union St. Connection—Wilmington	225,000	93,600	131,400
Foulk Rd.-Concord Pk.-Silver Side Rd.	1,300,000	540,800	759,200
Bay Bridge Connector- Rt. 40- Summit R/W & Grading	500,000	208,000	292,000
Sub Total	\$8,823,000	\$3,670,368	\$5,152,632
KENT COUNTY			
Rt. 10, Md. Line Willow Grove	\$ 470,000	\$ 195,520	\$ 274,480
Rt. 10, Willow Grove-Wyoming	570,000	237,120	332,880
Lebanon Rd.-U.S. 13-D.A.F.B.	1,150,000	478,400	671,600
U.S. 13, N.B. Bishops Cor.-Smyrna	390,000	162,240	227,760
Dixon's Cor.-Little Creek	300,000	124,800	175,200
Rt. 44, Hartly-Everett's Cor.	250,000	104,000	146,000
Rd. 355-Moore's Lake-Rd. 365	157,000	65,312	91,688
Sub Total	\$3,287,000	\$1,367,392	\$1,919,608
SUSSEX COUNTY			
Rt. 16 Md. Line-Greenwood	\$ 640,000	\$ 266,240	\$ 373,760
Rt. 14-Md. Line-Bethany Bch. (1 Lane of Future Dual)	810,000	336,960	473,040
U.S. 113, Milford to Walnut St. Ext.	1,000,000	416,000	584,000
Rt. 18, Rd. 319—Harbeson	400,000	166,400	233,600
Rt. 404 & Rt. 18-U.S. 13 to Cokesbury Church	400,000	166,400	233,600
Rt. 24-W. Laurel to Md. Line	480,000	199,680	280,320
Millsboro Bridge	220,000	91,520	128,480
Rd. 249, Milton to Rt. 18	175,000	72,800	102,200
Rd. 549, Rd. 20A to Rd. 553 (Seaford)	75,000	31,200	43,800
Double Bridges to Redden	290,000	120,640	169,360
Millsboro-Wash. St.-Main St.	280,000	116,480	163,520
Scott's Cor. to Greenwood	140,000	58,240	81,760
Bacon to Whitesville	280,000	116,480	163,520
Sub Total	\$5,190,000	\$2,159,040	\$3,030,960
Totals for Primary, Secondary and Urban Highways (Federal Aid System)	\$17,300,000	\$7,196,800	\$10,103,200

2. INTERSTATE & DEFENSE HIGHWAY SYSTEM

PROJECT	ESTIMATED PROJECT COST	FED. SHARE	STATE SHARE
FAI-1 & FAI-2 Contract Design & R/W Acquisition	\$1,901,966	(60% 40% Funds) \$1,141,180	\$ 760,786
FAI-1, FAI-2, FAI-3, Design & R/W Acquisition	3,100,000	(90%-10% Funds) 2,790,000	310,000
FAI-1 Construction; Basin Road Interchange, various contracts in Christina River Interchange area, and other projects west of Farnhurst toward Maryland Line	32,292,140	29,062,826	3,229,214
TOTAL	\$37,294,106	\$32,994,006	\$4,300,000

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

(100% STATE FUNDS)

NEW CASTLE COUNTY

Penny Hill Police Station	\$250,000	
New Castle Co. Maintenance Buildings	566,000	
Claymont School Streets	60,000	
Road 441—Odessa to Road 449	260,000	
Spruce & Poplar Streets Elsmere	250,000	
Kennett Pike Widening thru Greenville	225,000	
New Bridge Road—Widening	125,000	
Hot Mix Surfacing & Initial Surf. Treat.	100,000	
Sub Total		\$ 1,836,000

KENT COUNTY

Main Street, Smyrna	\$ 50,000	
Liberty Street, Harrington	100,000	
South Bowers Causeway	200,000	
Testing Lab Addition	125,000	
Hot Mix Surfacing & Init. Surf. Treatment	209,000	
Sub Total		\$ 684,000

SUSSEX COUNTY

Woodland Ferry and Slips	\$ 75,000	
Police Station Additions	125,000	
Seabury Avenue, Milford	20,000	
Lakeview Avenue & Kings Hwy.—Milford	180,000	
Assawoman Canal Bridges	140,000	
Hot Mix Surfacing & Init. Surf. Treatment	440,000	
Road 357, Road 26 to Town Limits—Ocean View	100,000	
Sub Total		\$ 1,080,000
Total 100% State Fund Projects		\$ 3,600,000
Contingency		1,996,800
Total		<u>\$20,000,000</u>

B. HARD SURFACING DIRT ROADS PROGRAM

		Estimated Cost
NEW CASTLE COUNTY	30.14 miles	\$ 537,650.00
KENT COUNTY	104.66 miles	\$1,866,975.00
SUSSEX COUNTY	190.34 miles	\$3,395,375.00
Total		<u>\$5,800,000.00</u>

The foregoing comprises the first year's program and includes more roads and mileage than can be undertaken or hard surfaced during the first year of the biennium. It is the intent of the Chief Engineer to submit to the Department the roads to be hard surfaced during the first year of the program to be selected from a prepared list.

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

C. SUBURBAN COMMUNITIES DEVELOPMENT PROGRAM

Resurfacing, constructing and reconstructing streets and roads in unincorporated suburban communities, pursuant to Section 131 of Title 17 of the Delaware Code, as follows:

NEW CASTLE COUNTY	
Stony Crest	\$ 40,000
Morehouse Drive	20,000
Minquadale East	180,000
Tuxedo Park	125,000
Belvedere	150,000
Highland Woods	96,000
Indian Field	110,000
Cleland Heights Drainage	30,000
Holloway Terrace	125,000
Parkside Drive—Oak Lane Manor Drainage	25,000
Becker Avenue, Woodcrest	20,000
Lyndalia Avenue, Woodcrest	20,000
Miscellaneous Improvements	<u>89,000</u>
New Castle County Total	\$1,030,000
KENT COUNTY	
Edgehill Ave. Extended	\$ 6,000
Hilddale Road	1,000
Lawndale	2,500
Anneville	3,000
Huntley Circle	4,500
Miscellaneous Improvements	<u>50,000</u>
Kent County Total	\$ 67,000
SUSSEX COUNTY	
White St., Millsboro	\$ 3,500
West Rehoboth	8,000
Snug Harbor, Seaford	7,500
Riverview, Millsboro	5,000
Riverdale, Oak Orchard	15,000
Island Development, Seaford	10,000
Harlemtown, Georgetown	4,000
Collins & Russell Development, Milton	9,500
Silver Lake Shores, Rehoboth	4,500
Dewey Beach Streets	4,000
Miscellaneous Improvements	<u>32,000</u>
Sussex County Total	\$ 103,000
Total	<u>\$1,200,000</u>
Contingency	300,000
State Total	<u>\$1,500,000</u>

D. BEACH EROSION OR SHORE PROTECTION PROGRAM

FIRST YEAR'S PROGRAM

1. Complete Groins at Bethany Beach	\$ 75,000
2. Place Beach Fill at Bethany Beach	98,000
3. Place Beach Fill at Kitts Hummock	99,000
4. Repair Coastal Barrier Dunes	25,000
5. Minor Projects, Studies, Administrative Costs	33,000
6. Beach Fill, South Bowers	<u>20,000</u>
TOTAL	\$350,000