

MINUTES  
OF  
MEETING OF STATE HIGHWAY COMMISSION  
RICHMOND, VIRGINIA  
August 28, 1969

The monthly meeting of the State Highway Commission was held at the Central Highway Office in Richmond on August 28, 1969, at 10 A.M. The chairman, Mr. Douglas B. Fugate, presided.

Present: Messrs. Fugate, Baughan, Chilton, Duckworth, Fitzpatrick, Glass, Hairston, Landrith, and Weaver.

On motion of Mr. Landrith, seconded by Mr. Fitzpatrick, minutes of the meeting of July 24, 1969 were approved.

Motion was made by Mr. Landrith, seconded by Mr. Fitzpatrick, that permits issued from July 24, 1969 to August 27, 1969, as shown by records of the Department, be approved. Motion carried.

On motion of Mr. Landrith, seconded by Mr. Fitzpatrick, cancellation of permits from July 24, 1969 to August 27, 1969, as shown by records of the Department, was approved.

On motion of Mr. Duckworth, seconded by Judge Weaver, the Commission approved final budget for the year 1969-70 for facilities financed by the Virginia Toll Revenue Bonds (Series 1954). A copy of budget is attached. Pages 91-95.

Mr. A. B. Eure, Director of Administration, reviewed the status of Highway funds at the close of the year ended June 30, 1969 and the effect on the funds of emergency spending.

8-28-69

Moved by Mr. Landrith, seconded by Mr. Fitzpatrick that the Commission confirm letter ballot action on bids received July 16, 1969, on the following projects.

Route 6, Project 0006-032-102, C502, FS701

3.599 Mi. N. C&O RR at Cohasset - 0.215 Mi. S. C&O RR at Cohasset, Fluvanna County. Award of contract to low bidder, Evans & Nash Constr. Co., Appomattox, Virginia.

	<u>Construction</u>	<u>Right of Way</u>
Bid	\$473,628.87	\$5.00
10% for engineering and additional work	47,362.86	.50
Work by State Forces	3,092.50	
Railroad	8,008.00	
Amount chargeable to project	532,100.00	

\$231,589.00 to be provided for in 1970-71 Primary Construction Allocation.

Route 6, Project 0006-043-103, C505, B601, B602, B606

1.621 Mi. E. Henrico-Goochland CL - 0.027 Mi. W. Henrico-Goochland CL, Henrico County. Award of contract to low bidder, Warren Brothers Co., Div. of Ashland Oil & Ref. Co., Richmond, Virginia. REGULAR BID.

	<u>Construction</u>	<u>Right of Way</u>
Bid	\$1,337,330.20	\$91,527.30
10% for engineering and additional work	133,733.02	9,152.73
Work by State Forces	4,539.00	
Right of Way	18,850.00	
Utilities	13,200.00	
Amount chargeable to project	1,608,350.00	

Acct. Rec. City of Richmond \$3,116.96  
Acct. Rec. C&P Telephone Co. \$5,940.00  
Acct. Rec. County of Henrico \$91,623.07  
\$474,068.00 to be provided for in 1970-71 Primary Construction Allocation.

Route 29, Project 0029-056-105, C501

0.312 Mi. S. SCL Madison - 1.651 Mi. N. SCL Madison, Madison County. Award of contract to low bidder, Haley, Chisholm & Morris, Inc., Charlottesville, Va.

Bid	\$406,864.23
10% for engineering and additional work	40,686.42
Work by State Forces	4,235.00
Amount chargeable to project	451,800.00

\$451,800.00 to be provided for in future Primary Construction Allocations.

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Route 33, Project 6033-082-106, C502, B612

1.375 Mi. E. of ECL Elkton - 0.038 Mi. E. of Int. 628, Rockingham County.  
Award of contract to low bidder, A. B. Torrence & Co., Inc., Elkton, Va.

	<u>Construction</u>	<u>Right of Way</u>
Bid	\$713,426.56	\$13,00
10% for engineering and additional work	71,342.66	1.30
Work by State Forces	4,697.00	
Amount chargeable to project	789,500.00	

\$197,167.00 to be provided for in 1970-71 Primary Construction Allocation.

Route 58, Project 0058-058-114, C501

0.030 Mi. W. Halifax-Mecklenburg CL - 0.338 Mi. W. Int. 49, Mecklenburg Co.  
Award of contract to low bidder, W. W. Tuck - Son, Inc., Virginia, Virginia  
and H. A. Nunn Construction Co., Inc., Virginia, Virginia.

Bid	\$1,275,834.59
10% for engineering and additional work	127,583.45
Work by State Forces	11,660.00
Amount chargeable to project	1,415,100.00

\$415,100.00 to be provided for in 1970-71 Primary Construction Allocation.

Route 132, Project 0122-009-101, C503; 0122-141-102, C501

0.956 Mi. S. SCL Bedford - 0.449 Mi. N. SCL Bedford, Bedford City & County.  
Award of contract to low bidder, H & S Construction Co. and Adams Constr. Co.,  
Roanoke, Virginia.

Bid	\$309,279.51
10% for engineering and additional work	30,927.95
Work by State Forces	4,924.00
Right of Way	41,400.00
Utilities	17,150.00 (Primary)
Amount chargeable to project	403,700.00 (\$248,850. - Primary) (\$158,850. - Urban)

Acct. Rec. City of Bedford \$23,530.32

\$66,981.00 to be provided for in 1970-71 Primary Construction Allocation.

\$33,319.68 to be provided for in future Urban Construction Allocation.

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Route 150, Project 0150-020-101, C501, B601, B602, B603, B604

0.448 Mi. S. Int. 360 - 0.443 Mi. N. Int. 60, Chesterfield County. Award of contract to low bidder, L. S. Abernathy & Co., Inc., Glen Allen, Virginia.

	<u>Construction</u>	<u>Right of Way</u>
Bid	\$1,738,359.66	\$9,600.00
10% for engineering and additional work	173,835.96	960.00
Work by State Forces	24,433.76	
Utilities	47,900.00	
Amount chargeable to project	1,995,100.00	

Acct. Rec. Chesterfield County \$165.00

\$1,264,935.00 to be provided for in 1970-71 & 1971-72 Primary Construction Allocations.

Route 211, 656, Project 7211-069-101, C501, B601, B603, B604, B605, B607, B608, B609, B610, B611; 0656-069-126, C501, B612; U000-159-101, C501, B601

From: 0.153 Mi. E. WCL Luray To: 0.328 Mi. E. N&W RR & From: 0.039 Mi. N. NCL Luray To: 0.238 Mi. N. NCL Luray & From: Int. 211 To: 0.525 Mi. N. Int. 211, Page County and Town of Luray. Award of contract to low bidder, English Construction Co., Inc., Altavista, Virginia.

	<u>Construction</u>	<u>Right of Way</u>
Bid	\$4,196,267.76	\$159,814.25
10% for engineering and additional work	419,626.77	15,981.42
Work by State Forces	15,301.00	
Right of Way	414,700.00 (Primary)	
Utilities	67,450.00 (Primary)	
Railroad	13,072.52	
Flagging	5,571.36	
Amount chargeable to project	5,307,800.00 (\$59,500. - Secondary)	(\$262,860. - Urban)
		\$4,985,450. - Primary)

Acct. Rec N&W RR \$8,440.00

Acct. Rec. Town of Luray \$65,959.28

\$941,699.00 to be provided for in 1970-71 Primary Construction Allocation.

\$69,752.00 to be provided for in Future Urban Construction Allocations.

\$5,000.00 to be provided for in County's 1970-71 & Subsequent Years Budget Funds.

Route 234, Project 0234-076-701, M400

Drainage Structure Young's Branch, Prince William County. Award of contract to low bidder, Chantilly Constr. Corp., Chantilly, Virginia.

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Bid	\$34,181.70
10% for engineering and additional work	3,416.17
Amount chargeable to project	37,600.00

To be financed as follows:

\$25,949.39 - Not Let Balance 1968-69 Bridge Strengthening & Widening Bridge Fund, Culpeper District.

\$11,651.61 - 1969-70 Bridge Strengthening & Widening Bridge Fund, Culpeper District.

Route 258, Project 0258-114-105, C501

WCL of Hampton - 0.152 Mi. E. Int. Brookfield Dr., City of Hampton. Award of contract to low bidder, Warren Brothers Company Div. of Ashland Oil & Ref. Company, Richmond, Virginia

Bid	\$1,432,701.60
10% for engineering and additional work	143,270.15
Work by State Forces	5,060.00
Amount chargeable to project	1,581,050.00

Accts. Rec. City of Hampton \$237,154.75

\$548,895.25 to be provided for in future Urban Construction Allocation.

Route 297, Project 6297-009-103, C501, B601, B602, C502

2.338 Mi. E. ECL Bedford - 0.912 Mi. W. Campbell CL, Bedford County. Award of contract to low bidder, English Constr. Co., Inc., Altavista, Virginia.

	<u>Construction</u>	<u>Right of Way</u>
Bid	\$2,280,866.99	\$1,300.00
10% for engineering and additional work	226,086.69	130.00
Work by State Forces	21,120.00	
Amount chargeable to project	2,509,500.00	

\$1,304,378.00 to be provided for in 1970-71 Primary Construction Allocation.

Route 301, Project 0301-109-102, C601, B601

0.083 Mi. S. of S. End Br. over Meherrin Rv. - 0.082 Mi. N. of N. End Br. over Meherrin Rv., City of Emporia. Award of contract to low bidder, E. F. Blankenship Company, Salem, Virginia.

Bid	\$619,554.59
10% for engineering and additional work	61,955.45
Work by State Forces	1,375.00
Amount chargeable to project	572,900.00

Acct. Rec. City of Emporia \$86,942.56

\$256,957.44 to be provided for in future Urban Construction Allocations.

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Route 419, Project 0419-080-101, C501, B601

Int. 221 - 0.830 Mi. S. Int. 220, Roanoke County. Award of contract to low bidder, Albert Bros. Contractors, Inc., Salem, Virginia.

	<u>Construction</u>	<u>Right of Way</u>
Bid	\$1,048,996.42	\$140.00
10% for engineering and additional work	104,899.64	14.00
Work by State Forces	10,972.50	
Railroad	73,700.00	
Flagging	9,574.04	
Amount chargeable to project	1,248,300.00	

\$497,323.00 to be provided for in 1970-71 Primary Construction Allocation.

Route 621, Project 0621-052-124, B607

Bridge over Powell River, Lee County. Award of contract to low bidder, B & F Company, Salem, Virginia.

Bid	\$106,565.60
10% for engineering and additional work	10,656.56
Amount chargeable to project	117,200.00

Route 622, Project 0622-095-143, C501

Int. 700 - Int. 640, Washington County. Award of contract to low bidder, R. G. Pope Constr. Co., Bristol, Virginia.

Bid	\$113,241.22
10% for engineering and additional work	11,324.12
Amount chargeable to project	124,550.00

\$46,000.00 to be provided for in County's 1970-71 & Subsequent Years Budgets.

Route 631, Project 0631-056-121, C501

0.030 Mi. N. Int. 630 - 0.035 Mi. S. Int 29 (Leon), Madison County. Award of contract to low bidder, Moyer Construction Co., Staunton, Virginia. REGULAR BID.

Bid	\$164,366.48
10% for engineering and additional work	16,436.64
Work by State Forces	680.00
Amount chargeable to project	181,700.00

\$154,000.00 to be provided for in County's 1970-71 & Subsequent Years Budgets.

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Route 651, Project 0651-085-128, C501, B614

Int. 81 - Int. 11 (N. of Toms Brook), Shenandoah County. Award of contract to low bidder, Garrett, Moon & Pool, Inc., Blackstone, Virginia.

Bid	\$338,944.18
10% for engineering and additional work	33,894.41
Railroad	41,195.00
Flagging	8,239.00
Amount chargeable to project	420,050.00

\$302,000.00 to be provided for in County's 1970-71 & Subsequent Years Budgets.

Route 778, Project 0778-007-152, C501, B626

Int. 808 - Int. 885, Augusta County. Award of contract to low bidder, Echols Brothers, Inc., Staunton, Virginia.

Bid	\$164,341.33
10% for engineering and additional work	16,434.13
Work by State Forces	194.00
Amount chargeable to project	180,950.00

\$5,000.00 to be provided for in County's 1970-71 & Subsequent Years Budgets.

MOTION CARRIED.

Moved by Mr. Landrith, seconded by Mr. Fitzpatrick that the Commission confirm letter ballot action rejecting bids received on July 16, 1969, on the following projects and authorizing readvertisement of these projects.

Route 95, Project 0095-000-101, C502, B602, B603, B604, B605, B606, B607, B608, B610, B612

0.531 Mi. N. Arlington CL - 0.752 Mi. N. Rt. 120 (Glebe Road), Arlington County. Low bid - 83.4% over estimate.

Route 234, Project 0234-076-101, C501, B601; 0234-155-101, C501

0.230 Mi. E. Int. 66 - 0.735 Mi. W. WCL Manassas & N.W. Quadrant Rt. 66 & 234 Interchange, Prince William County and Town of Manassas. Low bid - 12.6% over estimate.

Route 495, Project 0495-029-102, C503, B622, B623

0.671 Mi. S. Int. 620 - 0.575 Mi. N. Int. 620, Fairfax County. Low bid - 35.4% over estimate.

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Route 649, Project 0649-029-185, C502

N. Int. 50 - SCL Falls Church, Fairfax County. Low bid - 21.0% over estimate.

Route 650, Project 0650-029-158, C501

Int. 50 - 0.131 Mi. N. Int. 29 & 211, Fairfax County. Low bid - 28.4% over estimate.

MOTION CARRIED.

Moved by Mr. Landrith, seconded by Mr. Fitzpatrick that the Commission confirm letter ballot action on bid received July 23, 1969 on the following project.

Route 29, Project 6029-023-103, C501, B603, C503, B604, B605

1.110 Mi. S. Int. 29 (S. of Culpeper) - 0.065 Mi. S. Int. 3, Culpeper County. Award of contract to low bidder, Basic Construction Company, Newport News, Virginia.

	<u>Construction</u>	<u>Right of Way</u>
Bid	\$2,692,483.19	\$2,163.00
10% for engineering and additional work	269,246.31	216.30
Work by State Forces	4,018.00	
Railroad	3,684.00	
Flagging	6,326.00	
Amount chargeable to project	2,978,150.00	

\$478,150.00 to be provided for in 1970-71 Primary Construction Allocation.

MOTION CARRIED.

Moved by Mr. Landrith, seconded by Mr. Fitzpatrick that the Commission confirm letter ballot action on bid received July 30, 1969 on the following project.

Bristol District Office Building - Addition and Alterations. Award of contract to low bidder, Frizzell Construction Company, Inc., Bristol, Tennessee.

	<u>Capital Outlay</u>
Bid	\$283,108.00
10% for engineering and additional work	28,310.80
Amount chargeable to project	311,400.00

MOTION CARRIED.



Moved by Mr. Landrith, seconded by Mr. Fitzpatrick that the Commission confirm letter ballot action on bids received July 16, 1969 on the following schedules for Furnishing, Delivering and Applying Plant Mix Bituminous Material.

Bristol District - Schedule 108-69

Award of contract to low bidder, R. G. Pope Construction Co., Bristol, Virginia.

Bid	\$19,970.00
10% for engineering and additional work	1,997.00
Amount chargeable to project	21,960.00

To be financed from Secondary Budget Funds - Buchanan County.

Salem District - Schedule 208-69

Award of contract to low bidder, Virginia Asphalt Paving Company, Inc., Roanoke, Virginia.

Bid	\$103,659.75
10% for engineering and additional work	10,865.97
Amount chargeable to project	114,050.00

To be financed as follows:  
Salem District Construction Funds - 0122-033-703, M400 - \$29,000.00 (includes shoulders)  
Salem District Primary Maintenance Funds - \$76,883.00  
Franklin County Secondary Budget Funds - \$11,769.00

Salem District - Schedule 209-69

Award of contract to low bidder, Lone Jack Limestone Company, Inc., Lynchburg, Virginia.

Bid	\$20,840.00
10% for engineering and additional work	2,084.00
Amount chargeable to project	22,900.00

To be financed from Salem District Primary Maintenance Funds.

Lynchburg District - Schedule 805-69

Award of contract to low bidder, Thompson-Arthur Paving Company, Danville, Va.

Bid	\$49,355.00
10% for engineering and additional work	4,935.50
Amount chargeable to project	54,300.00

To be financed as follows:  
Lynchburg District Construction Funds 0057-071-103, C501 \$5,300.00  
Primary Maintenance Budget Funds - Lynchburg District - \$49,000.00

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Richmond District - Schedule 409-69

Award of contract to low bidder, Adams Construction Company, Roanoke, Virginia.

Bid	\$9,275.00
10% for engineering and additional work	927.50
Amount chargeable to project	10,200.00

To be financed from Lunenburg County Construction Funds - 1128-217-128, C501.

Richmond District - Schedule 410-69

Award of contract to low bidder, Thompson-Arthur Paving Company, Danville, Va.

Bid	\$28,580.00
10% for engineering and additional work	2,658.00
Amount chargeable to project	29,250.00

To be financed from Primary Maintenance Budget Funds - Richmond District.

Richmond District - Schedule 411-69

Award of contract to low bidder, Blakemore Construction Corp., Richmond, Va.

Bid	\$54,294.00
10% for engineering and additional work	5,429.40
Amount chargeable to project	59,700.00

To be financed from Primary Maintenance Budget Funds - Richmond District.

Richmond District - Schedule 412-69

Award of contract to low bidder, Short Paving Company, Inc., Petersburg, Va.

Bid	\$56,266.25
10% for engineering and additional work	5,626.62
Amount chargeable to project	61,900.00

To be financed as follows:  
Secondary Budget Funds - Prince George County - \$40,000.00  
Secondary Budget Funds - Dinwiddie County - \$21,900.00

Suffolk District - Schedule 507-69

Award of contract to low bidder, Lance J. Eller, Inc., Tasley, Virginia.

Bid	\$67,460.00
10% for engineering and additional work	6,746.00
Amount chargeable to project	74,200.00

To be financed from Primary Maintenance Budget Funds - Suffolk District.

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Fredericksburg District - Schedule 804-69

Award of contract to low bidder, Blakemore Construction Corp. , Richmond, Va.

Bid	\$7,854.25
10% for engineering and additional work	785.42
Amount chargeable to project	8,650.00

To be financed from Primary Maintenance Budget Funds - Fredericksburg District.

Staunton District - Schedule 808-69

Award of contract to low bidder, Virginia Asphalt Paving Company, Inc. , Roanoke, Virginia.

Bid	\$13,764.74
10% for engineering and additional work	1,378.47
Amount chargeable to project	15,150.00

To be financed as follows;  
Interstate Maintenance Budget Funds - Staunton District - \$11,050.00  
Primary Maintenance Budget Funds - Staunton District - \$2,200.00  
Secondary Budget Funds - Shenandoah County - \$1,900.00

Staunton District - Schedule 809-69

Award of contract to low bidder, Painter & Mundy, Inc. , Elkton, Virginia.

Bid	\$81,233.75
10% for engineering and additional work	8,123.37
Amount chargeable to project	89,350.00

To be financed from Primary Maintenance Budget Funds - Staunton District.

Staunton District - Schedule 810-69

Award of contract to low bidder, Blakemore Construction Corp. , Richmond, Va.

Bid	\$34,926.27
10% for engineering and additional work	3,492.62
Amount chargeable to project	38,400.00

To be financed from Primary Maintenance Budget Funds - Staunton District.

Staunton District - Schedule 811-69

Award of contract to low bidder, Sam Finley, Inc. , Roanoke, Virginia.

Bid	\$49,141.05
10% for engineering and additional work	4,914.10

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Amount chargeable to project 54,050.00  
To be financed from Primary Maintenance Budget Funds - Staunton District.

Staunton District - Schedule 812-69

Award of contract to low bidder, M. A. Layman & Sons, Inc., Harrisonburg, Virginia.

Bid \$18,994.80  
10% for engineering and additional work 1,899.48  
Amount chargeable to project 20,900.00  
To be financed from Primary Maintenance Budget Funds - Staunton District.

Staunton District - Schedule 813-69

Award of contract to low bidder, Adams Construction Company, Roanoke, Virginia.

Bid \$125,041.85  
10% for engineering and additional work 12,504.18  
Amount chargeable to project 137,550.00  
To be financed from Primary Maintenance Budget Funds - Staunton District.

MOTION CARRIED.

Moved by Mr. Landrith, seconded by Mr. Fitzpatrick  
that the Commission confirm letter ballot action on bids received July 18, 1969  
on the following projects.

Route 40, Project BR-12-69

Bridge over Nottoway River, Sussex County. Award of contract to low bidder,  
L. S. Abernathy & Company, Inc., Glen Allen, Virginia.

Bid \$27,736.80  
10% for engineering and additional work 2,773.88  
Amount chargeable to project 30,500.00  
To be financed from Suffolk District Primary System Maintenance Replacement  
Budget Funds.

Culpeper District - Contract Item CRA-7B

Furnishing, Delivering and Applying Plant Mix Bituminous Material or Asphalt  
and Cover Material. Award of contract to low bidder, Whitehurst Paving Co.  
Inc., Richmond, Virginia.

Bid \$10,636.05

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10% for engineering and additional work       · 1,063.60  
Amount chargeable to project               · 11,700.00  
To be financed from Greene County Secondary System Maintenance Replacement  
Budget Funds.

Staunton District - Contract Item CRA-8C

Furnishing, Delivering and Applying Plant Mix Bituminous Material or Asphalt  
and Cover Material. Award of contract to low bidder, Lone Jack Limestone Co.,  
Inc., Lynchburg, Virginia.

Bid   \$18,862.00  
10% for engineering and additional work       1,886.20  
Amount chargeable to project               20,750.00  
To be financed from Rockbridge County Secondary System Maintenance Replacement  
Budget Funds.

Suffolk District - Schedule MR-2-69

Maintenance Restoration, Nansemond County. Award of contract to low bidder,  
Portsmouth Paving Corporation, Portsmouth, Virginia.

Bid   \$28,952.00  
10% for engineering and additional work       2,895.20  
Amount chargeable to project               \$1,850.00  
To be financed from Nansemond County Secondary System Maintenance Replacement  
Budget Funds.

Route 85, Project WS-04-23-112-862

Truck Weighing Station, 3.03 Mi. N. of Mecklenburg Co. Line, Brunswick County.  
Award of contract to low bidder, Leadbetter, Constr. Co., Ashland, Virginia.

Bid   \$70,820.00  
10% for engineering and additional work       7,082.00  
Work by State Forces                           163.00  
Amount chargeable to project               77,850.00

**MOTION CARRIED.**

Moved by Mr. Landrith,                       seconded by Mr. Fitzpatrick  
that the Commission confirm letter ballot action rejecting bids received on July 16,  
1969, on the following projects and authorizing readvertisement of these projects.

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Staunton District - Schedule 814-69

Furnishing, Delivering and Applying Plant Mix Bituminous Material. Low bid - 26.5% over estimate.

Lynchburg District - Contract Item 3-R-9

Furnishing, Delivering and Applying Plant Mix Bituminous Material. Low bid - 16.1% over estimate.

**MOTION CARRIED.**

Moved by Mr. Landrith, seconded by Mr. Fitzpatrick that the Commission confirm letter ballot action on bids received August 18, 1969, on the following projects.

Route 35, Project 0035-091-101, C501, B601

0.278 Mi. West Niblett's Mill Run - 0.260 Mi. East Niblett's Mill Run, Sussex Co. Award of contract to low bidder, J. L. Kent & Sons, Fredericksburg, Virginia.

Bid	\$192,097.05
10% for engineering and additional work	19,209.70
Work by State Forces	1,514.00
Right of Way	1,850.00
Utilities	4,590.00
Amount chargeable to project	219,150.00

\$119,150.00 to be provided for in 1970-71 & 1971-72 Primary Construction Allocations.

Route 64, Project 0064-002-102, L801, Contr. 1

Proposed Drilled Well at Rest Area Site WBL Approximately 5.0 Mi. E. Int. 260, Albemarle County. Award of contract to low bidder, Sydnor Hydrodynamics, Inc., Richmond, Virginia.

Bid	\$5,638.75
10% for engineering and additional work	563.87
Work by State Forces	163.00
Amount chargeable to project	6,350.00

\$6,350.00 to be provided for in future Interstate Construction Allocations.

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Route 64, Project 0064-122-101, RW201, Contr. 3; RW202, Contr. 4; RW203, Contr. 2

Demolition of Building & Removal of Debris & Rubble S. End Hampton Roads Bridge Tunnel - 0.418 Mi. N. Int. 166 & 170, City of Norfolk. Award of contract to low bidder, Johnson & Jolliff, Inc., Virginia Beach, Virginia.

	<u>Construction</u>	<u>Right of Way</u>
Bid		\$6,185.00
10% for engineering and additional work		618.50
Work by State Forces	978.00	
Amount chargeable to project	7,800.00	

Route 81, Project 0081-081-102, L801; 0081-007-102, L801

1.31 Mi. N. Int. 11 (N. of Lexington) - 0.689 Mi. N. Int. 11 (N. of Greenville), Rookbridge & Augusta Counties. Award of contract to low bidder, Curtin & Johnson, Inc., Washington, D. C.

Bid	\$61,734.20
10% for engineering and additional work	6,173.42
Work by State Forces	326.00
Amount chargeable to project	68,250.00

Route 81, Project 0081-082-103, L801

Augusta-Rockingham CL - 3.93 Mi. S. Int. 33, Rockingham County. Award of contract to low bidder, Curtin & Johnson, Inc., Washington, D. C.

Bid	\$57,458.60
10% for engineering and additional work	5,745.86
Work by State Forces	826.00
Amount chargeable to project	63,550.00

Route 85, Project 0085-026-101, L801, Contr. 1

Located on NBL & SBL Approx. 2.5 Mi. E. of Dinwiddie Court House, Dinwiddie County. Award of contract to low bidder, Sydnor Hydrodynamics, Inc., Richmond, Virginia.

Bid	\$10,912.50
10% for engineering and additional work	1,091.25
Work by State Forces	163.00
Amount chargeable to project	12,150.00

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Route 284, Project 0284-122-101, C501, B608, B608, B604, B605

0.015 Mi. E. Int. Main St. - 0.181 Mi. W. Int. 460, City of Norfolk. Award of contract to low bidder, Tidewater Construction Corporation, Norfolk, Virginia.

	<u>Construction</u>	<u>Right of Way</u>
Bid	\$6,947,500.32	\$118,697.00
10% for engineering and additional work	894,750.03	11,969.70
Work by State Forces	5,880.00	
Utilities	33,688.00	
Railroad	36,072.00	
Flagging	7,048.00	
Amount chargeable to project	7,856,600.00	

Route 638, Project 0638-029-156, C501

Int. 644 - 1.238 Mi. NW Int. 644, Fairfax County. Award of contract to low bidder, Sam Finley, Inc., Roanoke, Virginia.

Bid	\$665,284.25
10% for engineering and additional work	68,528.42
Work by State Forces	194.00
Amount chargeable to project	732,000.00
Acct. Rec. Springfield Plaza West Shopping Center	\$27,119.89.
\$440,000.00 to be provided for in County's 1970-71 & Subsequent Years Budgets.	

Route 651, Project 0651-029-159, C501

Int. 236 - 1.058 Mi. E. Int. 236, Fairfax County. Award of contract to low bidder, Guy H. Lewis & Son, McLean, Virginia.

Bid	\$409,889.78
10% for engineering and additional work	40,988.97
Work by State Forces	1,980.00
Amount chargeable to project	452,850.00
Acct. Rec. Fairfax County	\$14,099.95
\$85,000.00 to be provided for in County's 1970-71 & Subsequent Years Budgets.	

Route 657, Project 0657-095-145, C501

0.040 Mi. N. Int. 656 - Int. 659, Washington County. Award of contract to low bidder, All Contracting Company, Bristol, Virginia.

Bid	\$57,698.20
10% for engineering and additional work	5,769.82
Amount chargeable to project	63,450.00



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Route 663, Project 0663-076-142, C501

S.C.L. Manassas - 0.300 Mi. W. Rt. 664, Prince William County. Award of contract to low bidder, M. E. Humphries, Gen. Contractor, Stuarts Draft, Va.

Bid	\$321,596.00
10% for engineering and additional work	32,159.60
Work by State Forces	194.00
Amount chargeable to project	353,950.00

\$178,000.00 to be provided for in County's 1970-71 & Subsequent Years Budgets.

Route 674, Project 0674-044-168, C501, B616

Bridge & Approaches Towne Creek (North of Bassett), Henry County. Award of contract to low bidder, Miller Engineering Company, Inc., Moun Airy, N.C.

Bid	\$116,335.65
10% for engineering and additional work	11,633.55
Work by State Forces	194.00
Flagging	220.00
Amount chargeable to project	128,400.00

\$74,000.00 to be provided for in County's 1970-71 & Subsequent Years Budgets.

Route 844, Project 0844-071-158, C501, B620

0.087 Mi. W. Int. 750 - 0.059 Mi. W. Int. 851, Pittsylvania County. Award of contract to low bidder, Laramore Construction Company, Inc., Danville, Va.

Bid	\$324,401.84
10% for engineering and additional work	32,440.18
Amount chargeable to project	356,850.00

\$103,000.00 to be provided for in County's 1970-71 & Subsequent Years Budgets.

Route 1319, Project 1319-164-131, B608

Bridge over Powell River, Town of Appalachia. Award of contract to low bidder, Edwin O'Dell & Company, Pulaski, Virginia.

Bid	\$117,591.20
10% for engineering and additional work	11,759.12
Amount chargeable to project	129,350.00

\$38,000.00 to be provided for in County's 1970-71 & Subsequent Years Budgets.  
\$50,000.00 to be provided from 1970-71 District Bridge Funds.

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Staunton District - Schedule 814-69

Furnishing, Delivering and Applying Plant Mix Bituminous Material. Award of contract to low bidder, Lone Jack Limestone Co., Inc., Lynchburg, Virginia.

Bid	\$9,180.00
10% for engineering and additional work	818.00
Amount chargeable to project	10,100.00

To be financed from Interstate System Maintenance Replacement Budget Funds.

Route 31, Project BR-6-69

Scotland Ferry Wharf & Glass House Point Ferry Wharf, Surry & James City Co's. Award of contract to low bidder, Tidewater Construction Corporation, Norfolk, Va.

Bid	\$82,520.00
10% for engineering and additional work	8,252.00
Amount chargeable to project	90,750.00

To be financed from Suffolk District Primary System Maintenance Replacement Budget Funds.

Lynchburg District - Schedule 306-69

Furnishing, Delivering and applying Plant Mix Bituminous Material. Award of contract to low bidder, Marvin V. Templeton & Sons, Inc., Lynchburg, Va.

Bid	\$28,342.50
10% for engineering and additional work	2,334.25
Amount chargeable to project	25,700.00

To be financed from the following Industrial Access Funds:  
Rt. 1314, Proj.: 1314-015-148, C501 Authorized 6-21-69.  
Rt. 1313, Proj.: 1313-015-147, C501 Authorized 6-21-69.  
Rt. 9999, Proj.: 9999-118-102, C501 Authorized 3-20-69.

MOTION CARRIED.

Moved by Mr. Landrith, seconded by Mr. Fitzpatrick that the Commission confirm letter ballot action rejecting bids received on August 13, 1969, on the following projects and authorizing readvertisement of these projects.

Route 626, Project 0626-091-122, B612

Box Culvert Joseph Swamp, Sussex County. Low bid - 83.4% over estimate.

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Route 688, Project 0688-044-189, C501, B619

Int. 220 - 0.145 MI. W. Int. 220 (Overpass & Approaches over N&W Railroad),  
Henry County. Low bid - 16.3% over estimate.

MOTION CARRIED.

Moved by Mr. Landrith, seconded by Mr. Baughan  
that,

WHEREAS, in accordance with the provisions of Section 128 of Title 23 - Highways, United States Code, and Policy and Procedure Memorandum 20-8, a combined location and design public hearing was held on July 8, 1968, at 10:00 a. m., in the Volunteer Fire Hall at Amisville, Virginia, for the purpose of considering the proposed location and design of Route 211 from 3.865 miles west of the Rappahannock - Culpeper County Line to the Rappahannock - Culpeper County Line, in Rappahannock County, State Project 6211-078-104-PE101-C501, and

WHEREAS, proper notice was given in advance and all those present were given a full opportunity to express their opinions and recommendations for or against the proposed project as planned and their statements being duly recorded, and

WHEREAS, the economic, social, and environmental effects of the proposed project have been examined and given proper consideration, and this evidence, along with all other, has been carefully reviewed, now therefore

BE IT RESOLVED, that the location and major design features of this project be approved in accordance with the plan as proposed and presented at said location and design public hearing by the Department Engineers. This proposed improvement generally consists of the addition of parallel lanes to expand the existing two-lane facility to four lanes.

MOTION CARRIED.

Moved by Mr. Hairston, seconded by Mr. Landrith  
that,

WHEREAS, the recent flooding in Virginia has caused considerable loss of property and other hardships; and

WHEREAS, these conditions require immediate action to repair and restore the highways to carry the necessary traffic; and

WHEREAS, this situation has been declared an emergency by the Governor;

NOW, THEREFORE, BE IT RESOLVED: That the State Highway Commission hereby concurs in the action of the Governor in declaring an emergency and authorizes the Chairman of the Commission to enter into the necessary negotiations and contracts for the immediate repair and replacement of those highways damaged by the recent disaster and to take all other action necessary in regard to this matter.

MOTION CARRIED.

Moved by Mr. Chilton, seconded by Mr. Fitzpatrick  
that,

WHEREAS, in accordance with the provisions of Section 128 of Title 23 - Highways, United States Code, as amended, and Policy and Procedure Memorandum 20-8, a Combined Location and Design Public Hearing was held at the Fredericksburg office of the Virginia Department of Highways, Fredericksburg, Virginia, on Thursday, June 26, 1969, at 10:00 a. m., EDT, concerning the proposed location and design of Route 611 from the intersection with Route 637 (near Boswell's Store) to 0.112 mile east of the intersection with Route 635 (Mountjoy Store). State Project 0611-089-128, C501, Federal Project S-1566, Stafford County; and

WHEREAS, proper notice was given in advance and all those present were given full opportunity to express their opinions and recommendations for or against the construction as planned, their statements being duly recorded; and

WHEREAS, the economic, social and environmental effects of the location and the proposed improvements have been examined and given proper consideration and this evidence, along with all other, has been carefully reviewed.

NOW, THEREFORE, BE IT RESOLVED: That the construction of this project is approved in accordance with the plans, following generally the existing location, as proposed and presented by the engineering division of the Department of Highways at said Location and Design Public Hearing.

MOTION CARRIED.

Moved by Mr. Fitzpatrick, seconded by Mr. Hairston  
that,

WHEREAS, Section 33-136.1 of the Code of Virginia provides a fund of \$1,500,000 to "... be expended by the Commission for constructing, reconstructing, maintaining or improving access roads within counties, cities and towns to industrial sites on which manufacturing, processing or other establishments will be built under firm contract or are already constructed."; and

WHEREAS, as a result of a request by the Giles County Board of Supervisors, this Highway Commission did by resolution dated April 25, 1969 allocate \$20,000 to strengthen the bridge on Route 720 over Stoney Creek at Kimballton to provide proper access to a new plant to be built by the James River Hydrate & Supply Company; and

WHEREAS, the James River Hydrate & Supply Company has now advised the Highway Department that it has decided to postpone indefinitely the establishment of this new facility near Kimballton in Giles County; and

WHEREAS, it is desirable to use these funds for other industrial access work.

NOW, THEREFORE, BE IT RESOLVED that the allocation of \$20,000 made from industrial access funds for 1968-69 for the purpose of improving and strengthening the bridge on Route 720 over Stoney Creek at Kimballton in Giles County to serve James River Hydrate & Supply Company, Project 0720-035-127, B608, is hereby withdrawn and reassigned to the unallocated industrial access fund.

MOTION CARRIED.

Moved by Mr. Glass, seconded by Mr. Duckworth  
that,

WHEREAS, under authority of Section 33-35.4 of the Code of Virginia of 1950, as amended, request is made by the City of Bristol for payment at the rate of \$1,100 per mile annually on additional street mileage meeting required standards for maintenance payments.

NOW, THEREFORE, BE IT RESOLVED, that the quarterly payments at the rate of \$1,100 per mile annually be made to the City of Bristol on an additional streetmeeting standards required by the aforementioned section of the Code, effective beginning July 1, 1969 for the quarterly payment due after September 30, 1969. The additional street and mileage eligible for payment, described as follows:

Central Street	Long Crescent Rd. East to Central St. (Quarry St.)	0.10 Mi.
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The above addition of 0.10 mile increases the total mileage in the City of Bristol from 53.25 miles to 53.35 miles of approved streets. MOTION CARRIED.

8-28-69

Moved by Mr. Glass, seconded by Mr. Duckworth  
that,

WHEREAS, under authority of Section 33-35.4 of the Code of Virginia of 1950, as amended, request is made by the Town of Farmville for additions and deletions of streets subject to payment for maintenance payments at the rate of \$1,100 per mile annually;

THEREFORE, BE IT RESOLVED, that quarterly payments at the base rate of \$1,100 per mile annually be made to the Town of Farmville on additional streets totaling 1.481 miles and constructed to meet required standards; and deletions totaling 0.312 mile no longer eligible for payment, effective beginning July 1, 1969 with the first quarterly payment due after September 30, 1969. The additional streets eligible for payment, described as follows:

Barber Street	Longwood Avenue to SCL	.058 Mile
Catlin Street	Longwood Avenue to SCL	.088 Mile
Winston Street	Bridge Street to ECL	.218 Mile
Winston Street	Bridge Street to Virginia Street	.056 Mile
Maple Street	Winston Street to Putney Street	.061 Mile
Putney Street	Alley East of Bridge St. to ECL	.224 Mile
Bridge Street	Putney Street to 0.05 Mile North	.045 Mile
Church Street	Bridge Street to ECL	.179 Mile
Virginia Street	Church Street to Green Street	.169 Mile
South Street	Robeson Street to Paulette St.	.063 Mile
Paulette Street	South Street to 0.03 Mi. West	.031 Mile
"A" Street	Third Street to Orchard Ave.	.074 Mile
Haynes Street	Bridge Street to Virginia Street	.063 Mile
Fayette Street	Fourth Street to Wilson Street	.125 Mile
Grove Street	Buffalo Street to 0.05 Mi. North	.052 Mile

The deletions of streets no longer eligible for payment, described as follows:

Doyne Street	Main Street to Venable Street	.028 Mile
Chambers Street	Ely Street to Pine Street	.129 Mile
Garland Street	Main Street to Spruce Street	.039 Mile
Spruce Street	Madison St. to Redford Street	.058 Mile
Race Street	Madison Street to Redford St	.058 Mile

The street additions totaling 1.481 miles and deletions totaling 0.312 mile to a net addition of 1.169 miles increase the total mileage in the Town of Farmville from 13.677 miles to 14.85 miles when reduced to hundredths.

MOTION CARRIED.

8-28-69

Moved by Mr. Fitzpatrick, seconded by Mr. Duckworth  
that,

WHEREAS, applicable to Chapter 263 of the Acts of Assembly of 1932, roads within grounds of State Institutions were included in the Primary System of Highways; and

WHEREAS, under authority of Section 33-26 of the 1950 Code of Virginia, as amended, the Highway Commission may add such additional roads, bridges and streets as it shall deem proper to the Primary System of Highways; and

WHEREAS, request is made in a resolution adopted by the State Board for the Department of Community Colleges that certain recently constructed roads within the grounds of the Central Virginia Community College in Campbell County be added to the Primary System of Highways; and

WHEREAS, upon inspection by our Highway Engineers, the requested road additions have been constructed by the College to conform with standards required for acceptance as a part of the Primary System of Highways;

NOW, THEREFORE, BE IT RESOLVED, that the newly constructed roads including the entrance road between Route 29 and Route 766, also other access roads extending into and over the grounds of the Central Virginia Community College, a total of 1.17 miles, be added to Primary System of Highways and designated as new State Route 368.

MOTION CARRIED.

Moved by Mr. Glass, seconded by Judge Weaver that pursuant to Section 33-26 of the 1950 Code of Virginia, as amended, the portion of the Richmond Metropolitan Circumferential in Chesterfield County, from the intersection of U.S. Route 360 southwest of Richmond to a point east of the intersection of U.S. Route 1 and 301 south of Richmond and tying in with the Interstate Routes 95 and 295 interchange, approximately 12.0 miles in length, be added to the Primary System of Highways, and designated as State Route 288.

BE IT FURTHER RESOLVED, that the above described addition, including any necessary relocations, interchange areas, ramps, connections, etc., tying in with the previously approved Limited Access designation at the Interstate Route 95 and 295 interchange approved under resolution dated October 4, 1956, be declared a Limited Access Highway in accordance with Title 33, Sections 37 through 43 of the 1950 Code of Virginia, as amended.

MOTION CARRIED.

8-28-69

Moved by Judge Weaver, seconded by Mr. Landrith  
that,

WHEREAS, in accordance with the provisions of Section 128 of Title 23 - Highways, United States Code, a public hearing was held in the auditorium of the Highway Office Building at 1221 East Broad Street, Richmond, Virginia, on October 10, 1967, at 10:00 a. m. , concerning the proposed location of Route 288 from the intersection of Routes 250 and 295 (West of Richmond) to the intersection of Routes 1 and 295 (South of Richmond), and

WHEREAS, as a result of information and requests received at the public hearing on October 10, 1967, further study was made of other alternate locations through the section from the intersection of Routes 250 and 295 (West of Richmond) to an intersection with Route 360 (Southwest of Richmond), with the results of this additional study to be presented at a second public hearing, and

WHEREAS, in accordance with the provisions of Section 128 of Title 23 - Highways, United States Code, and Policy and Procedure Memorandum 20-8, a second Location Public Hearing was held in the Auditorium of the Highway Office Building at 1221 East Broad Street, Richmond, Virginia, on February 19, 1969, at 10:00 a. m. , concerning the proposed location of Route 288 from the intersection of Routes 250 and 295 (West of Richmond) to an intersection with Route 360 (Southwest of Richmond), in Henrico, Goochland and Chesterfield Counties, State Projects 0288-043-101, 0288-037-101 and 0288-020-101, and

WHEREAS, the Original Location and the most feasible Alternate Location were presented for consideration, and

WHEREAS, proper notice was given in advance and all those present were given a full opportunity to express their opinions and recommendations for or against the proposed improvement as planned, and their statements being duly recorded, and

WHEREAS, the economic, social and environmental effects of the proposed improvement have been examined and given proper consideration, and this evidence, along with all other, has been carefully reviewed, now therefore

BE IT RESOLVED, that the location corridor for Route 288 from the intersection of Routes 250 and 295 (West of Richmond) to the intersection of Route 360 (Southwest of Richmond) be approved in accordance with the general plan as proposed and presented at said Location Public Hearing on February 19, 1969, by the Department Engineers, along the Original Location.

BE IT FURTHER RESOLVED, that this project, be designated as a Limited Access Highway in accordance with Article 3, Chapter 1, Title 33 of the 1960 Code of Virginia, as amended, and in accordance with the Highway Commission Policy for by-passes of cities and towns.



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BE IT FURTHER RESOLVED, that pursuant to Section 33-26 of the 1950 Code of Virginia, as amended, the proposed new location herein approved, in Henrico, Goochland and Chesterfield Counties, approximately 16.3 miles, be added to the Primary System of Highways and designated Virginia Route 288.

MOTION CARRIED.

Moved by Mr. Landrith, seconded by Mr. Duckworth that,

WHEREAS, in connection with Route 60, State Highway Project 2147-04, now Project 0060-047-004, the Commonwealth acquired by agreement dated December 4, 1957, an easement for drainage purposes from Reba M. Alexander and Maxwell R. Alexander, her husband, (life tenants), and Maxwell R. Alexander, Jr. (remainderman), as recorded in Deed Book 64, Page 8, in the Office of the Clerk of the Court for the City of Williamsburg and the County of James City; and

WHEREAS, Prior to the use of this easement, the plans were revised locating the easement off of this property; and

WHEREAS, the adjacent landowner or landowners are in the process of selling their property and have requested that this easement be returned to them in order to clear the cloud on their title; and

WHEREAS, the State Highway Commissioner has certified in writing that the land lying on the south property line of the lands of the aforementioned landowners at a point approximately 276 feet opposite approximate Station 12+76 (centerline of Line "U") does not constitute a section of the public road and is deemed by him no longer necessary for the uses of the State Highway System.

NOW, THEREFORE, the conveyance of said parcel of land, in accordance with the provisions of § 33-76.6 of the 1950 Code of Virginia, as amended, is approved and the State Highway Commissioner is hereby authorized to execute in the name of the Commonwealth a quitclaim deed conveying same to the owner or owners of the adjoining land for a consideration satisfactory to the State Right of Way Engineer.

MOTION CARRIED.

Moved by Mr. Landrith, seconded by Mr. Duckworth that,

WHEREAS, in connection with Route 97, State Highway Project 3738-01, the Commonwealth did acquire land from Betty Jo Smith and James Smith,

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her husband, by deed dated December 12, 1955, as recorded in Deed Book 112, Page 181, in the Office of the Clerk of the Circuit Court of Grayson County; and

WHEREAS, a portion of the land so acquired was not needed in connection with the construction of said project and the portion of land not needed is large enough for independent development; and

WHEREAS, there has been an expression of interest to purchase the same land on the part of one or more persons; and

WHEREAS, there may be others interested in purchasing the same land; and

WHEREAS, in order to secure the best offer, the land is to be advertised for sale by the receipt of sealed bids, with the right reserved to reject any and all bids; and

WHEREAS, provided the high bid received is not satisfactory to the Department, we propose to negotiate a sale for this land at a price satisfactory to the Department; and

WHEREAS, the State Highway Commissioner has certified in writing that the land lying on the northwest side of and adjacent to the northwest proposed right of way line from a point 50 feet opposite approximate survey Station 68+20 to a point 50 feet opposite approximate survey Station 70+75 does not constitute a section of the public road and is deemed by him no longer necessary for the uses of the State Highway System.

NOW, THEREFORE, the conveyance of the said parcel of land, in accordance with the provisions of § 33-76.6 of the 1950 Code of Virginia, as amended, to the person making an offer satisfactory to the Department is hereby approved, and the State Highway Commissioner is hereby authorized to execute in the name of the Commonwealth a deed to convey same without warranty, subject to any restrictions he may deem requisite.

MOTION CARRIED.

Moved by Mr. Landrith, seconded by Mr. Duckworth  
that,

WHEREAS, by deed dated October 5, 1955, in connection with Route 276, State Highway Project 5082-01-02, the Commonwealth acquired from D. C. Stickley and Katherine B. Stickley, his wife, as recorded in Deed Book 251, Page 377, in the Office of the Clerk of the Circuit Court of Rockingham County, certain lands needed for the construction of Route 276. This deed also conveyed all of the lands of the landowner lying between the south right of way line and the center of old Route 276 between survey Station 322+05 and survey Station 325+54; and

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WHEREAS, the new location of Route 276 between survey Station 322+10 (centerline connection old Route 276) and survey Station 329+40 (centerline of Route 276) serves the same citizens as the old location and the said new location has been approved by the State Highway Commission; and

WHEREAS, the old location between the aforementioned stations was abandoned by action of the State Highway Commission at their meeting on October 6, 1957; and

WHEREAS, the owner of the adjoining land, in order to more fully develop his property, has requested that the land lying between the new northwest revised right of way line and the center of old Route 276, beginning at a point 40 feet opposite survey Station 322+05 to a point 40 feet opposite survey Station 325+54, be conveyed to him; and

WHEREAS, the State Highway Commissioner has certified in writing that the land lying northwest of the revised northwest right of way line and the center of old Route 276 from a point 40 feet opposite survey Station 322+05 to a point 40 feet opposite survey Station 325+54 does not constitute a section of the public road and is deemed by him no longer necessary for the use of the State Highway System.

NOW, THEREFORE, in accordance with the provisions of § 33-76.6 of the 1950 Code of Virginia, as amended, the sale of said land and right of way to the owner or owners of record of the adjoining land at a price satisfactory to the State Right of Way Engineer is approved and the State Highway Commissioner is authorized to execute in the name of the Commonwealth a deed conveying same without warranty.

**MOTION CARRIED.**

Moved by Mr. Landrith, seconded by Mr. Duckworth that,

WHEREAS, in connection with Route 337, State Highway Project 0337-122-104, RW202, the Commonwealth acquired by Certificate No. C-14851, condemnation for which is completed, from the Eppo Corporation, certain lands, as recorded in Deed Book 1110, Page 372, in the Office of the Clerk of the Corporation Court of the City of Norfolk; and

WHEREAS, the State Highway Commissioner has certified in writing that the residue of the parcel of land acquired, lying south of and adjacent to the south proposed right of way line of Route 337 from a point approximately 8 feet opposite approximate survey Station 18+01 (south service road baseline) to a point approximately 8 feet opposite approximate survey Station 18+66 (south service road baseline), is not needed for the use of the State Highway System and the sale of same is deemed by him to be in the public interest.

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NOW, THEREFORE, in accordance with the provisions of § 33-117.4 of the 1950 Code of Virginia, as amended, it is the judgment of this Commission that the sale of the portion of land, so certified, is in the public interest and the State Highway Commissioner is hereby authorized to execute a deed in the name of the Commonwealth conveying same, without warranty, to any person agreeable to paying a consideration satisfactory to the State Right of Way Engineer and subject to any restrictions he may deem requisite.

MOTION CARRIED.

Moved by Mr. Landrith, seconded by Mr. Duckworth that,

WHEREAS, by deed dated October 24, 1951, from the Board of Supervisors of Loudoun County, as recorded in the Office of the Clerk of the Circuit Court of Loudoun County in Deed Book 135, Page 192; by deed dated February 13, 1951, from Claude Honicon and Ethel Honicon, as recorded in the Office of the Clerk of the Circuit Court of Loudoun County in Deed Book 18-N, Page 336; and by deed dated November 28, 1940, from Claude Honicon and Ethel Honicon and Ward Loveless and Irene Loveless, as recorded in the Office of the Clerk of the Circuit Court of Loudoun County, in Deed Book 11-K, Page 101, the Commonwealth did acquire 3.143 acres, more or less, land to be used as the Leesburg Residency Lot; and

WHEREAS, the Leesburg Residency Lot has been relocated; and

WHEREAS, the said lot and all improvements thereon are no longer needed by the Highway Department, and we propose to sell said lot and all improvements thereon to anyone interested at a price satisfactory to this Department; and

WHEREAS, the State Highway Commissioner has certified in writing that the lands of the old Leesburg Residency Lot and all improvements thereon do not constitute a section of the public road and are deemed no longer necessary for the uses of the State Highway System.

NOW, THEREFORE, in accordance with the provisions of § 33-76.6 of the 1950 Code of Virginia, as amended, the sale of the said land and improvements thereon, so certified, is hereby approved, and the State Highway Commissioner is hereby authorized to execute in the name of the Commonwealth a deed to convey same without warranty at a price satisfactory to the Department.

MOTION CARRIED.

Moved by Mr. Fitzpatrick, seconded by Mr. Chilton  
that,

WHEREAS, Route 97 in Carroll County has been altered and re-constructed as shown on plans for Project 0097-017-102, C501, and

WHEREAS, four sections of the old road are no longer necessary as a public road, the new road serving the same citizens as the old, and two sections of the old road are no longer necessary for purposes of the State Highway System and four sections of the old road are to be transferred to the Secondary System;

NOW, THEREFORE, BE IT RESOLVED, that pursuant to Section 33-76.5 of the Code of Virginia of 1950, as amended, 0.24 miles of the old location of Route 97, shown in blue and designated as Sections 1, 3, 4 and 8 on the plat dated May 1, 1969, Project 0097-017-102, C501, be abandoned as a part of the State Highway System;

BE IT FURTHER RESOLVED, that pursuant to Section 33-76.1 of the Code of Virginia of 1950, as amended, 0.21 mile of the old location of Route 97, shown in yellow and designated as Sections 9 and 10 on the plat and project referred to hereinabove, be discontinued as a part of the State Highway System;

BE IT ALSO FURTHER RESOLVED, that pursuant to Section 33-27 of the Code of Virginia of 1950, as amended, 0.74 mile of the old location of Route 97, shown in red and designated as Sections 2, 5, 6 and 7 on the plat and project referred to hereinabove, be transferred from the Primary System to the Secondary System of Highways.

MOTION CARRIED.

Moved by Mr. Fitzpatrick, seconded by Mr. Duakworth  
that,

WHEREAS, by proper resolutions, the Boards of Supervisors of several counties have requested that certain roads which no longer serve as a public necessity be discontinued as parts of the Secondary System of Highways;

NOW, THEREFORE, BE IT RESOLVED, that pursuant to Section 33-76.7 of the Code of Virginia of 1950, as amended, the following roads be discontinued as parts of the Secondary System of Highways, effective this date:

<b>CARROLL COUNTY</b>	Route 849 from Route 743 to Dead End	1.10 Mile
<b>PULASKI COUNTY</b>	Section 1 of old location Rt. 805 from Station 120+10 to Station 123+00, Proj. 0605-077-106, C501; 107, B603-----	0.06 Mile
<b>ROANOKE COUNTY</b>	Section 1 of old location Rt. 887 from 0.12 Mi. N. Int. Rt. 419 to SCL Roanoke, Proj. 0681-080-111, C501-----	0.05 Mile
	Section 2 of old location Rt. 681 from 0.18 Mi. S. Int. Rt. 720 to 0.10 Mi. S. Int. Rt. 720, Proj. 0681-080-111, C501	0.08 Mile
<b>ROCKBRIDGE COUNTY</b>	Rt. 658, Beginning 0.70 MI. N. of Intersection of Rt. 770 northwardly to a dead end-----	1.20 Mile

**MOTION CARRIED.**

Moved by Mr. Baughan, seconded by Mr. Duckworth that,

WHEREAS, request is made by Mr. Don W. Russell, Commissioner of the Department of Vocational Rehabilitation, that certain sections of present Route 358 within the grounds of the Woodrow Wilson Rehabilitation Center in Augusta County be abandoned, and

WHEREAS, it has been determined by our Highway Engineers that the two road sections requested for abandonment are no longer necessary as a part of the Primary System of Highways;

NOW, THEREFORE, BE IT RESOLVED, that under authority of Section 33-76.5 of the 1950 Code of Virginia, as amended, two sections of present Route 358 within the grounds of Woodrow Wilson Rehabilitation Center which are deemed no longer necessary as a part of the Primary System of Highways are hereby abandoned, described as follows:

- 3rd Street                      From 1st Avenue northeasterly 0.074 mile to Watch Makers School
- Disposal Plant Road        From 1st Street northwesterly 0.356 mile to the Disposal Plant

**MOTION CARRIED.**

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Moved by Mr. Glass, seconded by Mr. Chilton  
that

WHEREAS, on the night of August 19, 1969, a rainstorm of unparalleled density in Amherst, Nelson and Rockbridge Counties set off mammoth landslides and unprecedented floods in the mountains and foothills of the Blue Ridge, bringing death and destruction to this area and overflowing rivers and streams through cities, towns and the rural countryside in a wide corridor across the State, and

WHEREAS, over 100 bridges were washed out and many miles of roads were destroyed or buried on the primary and secondary systems, as countless tons of debris from flooding far beyond previous high-water marks blocked the roads and choked the streams, leaving communication outlets impassable, and

WHEREAS, over 2,000 highway employees were called out with their equipment to remove debris, replace bridge and road connections and restore the movement of traffic and furnish relief to the suffering by the quickest means possible, and

WHEREAS, many of these employees worked through the following week-end and some days around the clock, dedicating their time and talents to rehabilitating the areas and providing at least temporary relief pending restoration of permanent facilities, now therefore

BE IT RESOLVED by the State Highway Commission that its highest praise and deepest appreciation be extended to these fine employees of the Highway Department who unselfishly responded to this call for help when this stricken area of Virginia experienced its greatest disaster.

BE IT FURTHER RESOLVED that a copy of this resolution of commendation be furnished all of those in the Department who made their services available during this emergency.

MOTION CARRIED.

Moved by Mr. Landrith, seconded by Mr. Glass  
that,

WHEREAS, an unprecedented rainfall from the remnants of "Hurricane Camille" flooded the mountains and valleys of several counties along the Blue Ridge and its foothills the night of August 19, 1969, caused destructive landslides, swamped towns and villages with mud and debris, overflowed rivers and streams, wrecked and buried hundreds of homes and business places and took the lives of eighty-four known persons to date, with over 100 others still missing, and

WHEREAS, the widespread devastation from this storm is becoming more evident each day as the process of digging out along the rivers and streams proceeds through twenty-six counties from Alleghany on the West Virginia line to Northumberland on the Chesapeake Bay, many miles of primary and secondary highways and 148 bridges counted to date having been washed out or destroyed, and

WHEREAS, the replacement and repair cost for roads and bridges, including debris removal from roads and streams, is now estimated at approximately \$19 million, and

WHEREAS, a request for Federal Emergency Relief funds on Federal Aid routes has been submitted to the Bureau of Public Roads, accompanied by a Proclamation issued by the Governor on August 26, declaring the existence of an extreme emergency in support of this request, and

WHEREAS, additional federal assistance is being requested under Public Law 875 funds for restoration of traffic and temporary repairs on non-federal aid routes, these funds being 100% federal but somewhat limited in availability, and

WHEREAS, every effort will be made to secure all the financial help from federal sources that may possibly be made available to us, it is to be expected that a considerable amount of this cost must be borne by State funds, now therefore

BE IT RESOLVED by the State Highway Commission that the additional State funds required for restoring the roads and bridges as deemed necessary for normal traffic service, and the removal of debris resulting from this storm, be carried as a deficit on the Department's books to the end of the current fiscal year 1969-70 for financing from any unappropriated surplus that may be available in highway funds at that time and any remaining deficit thereafter be carried forward as a charge against fiscal 1970-71 funds.

MOTION CARRIED.



Moved by Mr. Duckworth, seconded by Mr. Landrith that,

WHEREAS, the State Highway Commission has been advised that a large industry is planning the construction of a plant and industrial park in James City County which will cause an increase in traffic on certain roads in the Williamsburg area; and,

WHEREAS, the industry has requested through the Governor of Virginia that the Department of Highways improve Route 60 east of Williamsburg approximately two and one-half miles by April 15, 1971, to include appropriate acceleration and deceleration lanes and signalization at the main entrance, and also to cooperate with the Chesapeake and Ohio Railway Company in permitting the necessary railroad crossings and, further, that the Department of Highways accelerate its plans for the construction of the Southern By-pass from Route 5 to Route 64, including interchanges at Routes 60 and 143 and at Route 64; and,

WHEREAS, the State Highway Commission of Virginia in its highway planning for the Peninsula Area has included the construction of the Southern By-pass and the improvement of Route 60 in the area of proposed development and has made an initial allocation of funds toward the construction of the Southern By-pass; and,

WHEREAS, at the request of the industry, the State Highway Commission has deferred the approval of the location of this facility in order that plans for development may be coordinated to the mutual satisfaction of both parties; now therefore,

BE IT RESOLVED, that the State Highway Commission recognizes the benefits that will accrue to the Commonwealth of Virginia and the Peninsula Area in particular from this development and thereby expresses its willingness to cooperate with this industry in satisfying traffic needs resulting from this development; and,

BE IT FURTHER RESOLVED, that existing plans for the requested routes will be expedited to the extent that the availability of highway funds will permit, working toward satisfying the traffic needs generated by this development, including the construction of the Southern By-pass, the improvement of Route 60 along with acceleration and deceleration lanes and signalization as warranted, and cooperation with the Chesapeake and Ohio Railway Company to provide crossings over Route 60; and,

BE IT FURTHER RESOLVED, that the engineers of the Department of Highways maintain liaison with representatives of the industry, Colonial Williamsburg, the City of Williamsburg, James City County, and other local governing bodies, to promote an orderly development of highway facilities to serve the needs of this proposed industrial development.

MOTION CARRIED.

8-28-69

Moved by Judge Weaver, seconded by Mr. Landrith  
that,

WHEREAS, in accordance with the provisions of Section 128 of Title 23 - Highways, United States Code, and Policy and Procedure Memorandum 20-8, a Location and Design Public Hearing was held in the Montpelier Fire House, Montpelier, Virginia, on July 22, 1969, at 9:30 a. m., for the purpose of considering the proposed location and design of Route 33, from 0.231 Miles South of the Henrico-Hanover County Line to 0.511 Miles North of the Henrico-Hanover County Line, in Henrico and Hanover Counties, State Projects 0033-042-103-PE101 and 0033-042-102-PE101, and

WHEREAS, proper notice was given in advance and all those present were given a full opportunity to express their opinions and recommendations for or against the proposed improvement as planned, and their statements being duly recorded, and

WHEREAS, the economic, social and environmental effects of the proposed improvement have been examined and given proper consideration, and this evidence, along with all other, has been carefully reviewed, now therefore

BE IT RESOLVED, that the location and major design features of this project be approved in accordance with the plan as proposed and presented at said Location and Design Public Hearing by the Department Engineers. This proposed improvement is generally along the present alignment of Route 33 with provision being made for future expansion to a four-lane facility.

MOTION CARRIED.

Moved by Judge Weaver, seconded by Mr. Landrith  
that,

WHEREAS, on March 23, 1967, the Highway Commission approved in general the construction of limited access toll highways proposed to be built by the Richmond Metropolitan Authority, and as required by law, approved the location of said highways in the City of Richmond and in the counties of Henrico and Chesterfield, including points of ingress to and egress from such limited access highways, and

WHEREAS, the Commission reserved for further action the connection of said limited access highways with Interstate 64 and with the Richmond-Petersburg Turnpike, and

WHEREAS, since that time the connection of Interstate 64 has been designed to meet the approval of the Bureau of Public Roads and also the engineering staff of the State Highway Department, and

8-28-69

WHEREAS, the connection with the Richmond-Petersburg Turnpike now meets the approval of the Richmond-Petersburg Turnpike Authority, and is generally satisfactory to the engineering staff of the Highway Department, be it

RESOLVED, that the State Highway Commission hereby approves, as required by § 33-255.44:13 (g), (h), and (i) of the Code of Virginia, the connection of the said limited access highways to be built by the Richmond Metropolitan Authority with Interstate Route 64 in the vicinity of Bryan Park, and the connection of said highways with the Richmond-Petersburg Turnpike in the downtown area.

MOTION CARRIED.

Mr. Harwood discussed a matter pertaining to bids received on August 13 on Route 360, Project 8360-049-101, C504 in King and Queen and Essex Counties. The low bid was submitted by Bishop and Settle Construction Corporation and the B & S Equipment Corporation. The two firms together were not prequalified in an amount sufficient to cover this project. They had requested permission to file a revised prequalification statement after bids were received, claiming that their existing prequalification was incorrect because of a mistake in their application. Mr. Harwood recommended that we adhere to the established rules and regulations and not make an exception in this case, and the Commission agreed.

The Commission was briefed on the sixth study the Department had conducted on Route 602 in Middlesex County from Churchview to Urbanna relative to the inclusion of this road in the Primary System. This last study was made at the request of the Board of Supervisors of Middlesex County. It indicated no change from the previous studies other than an increase in traffic, and the road still met only three of the nine criteria established for consideration of additions to the Primary System. It was, therefore, not recommended for addition to the Primary System by the engineering staff, and the Commission was so advised.

A delegation headed by Mr. S. Roger Koontz appeared before the Commission to request improvement of the intersection of Routes 522 and 739 in connection with a crossing of Routes 37 and 739 at the Winchester Bypass. They requested an underpass of Route 37 to permit Route 739 to cross the bypass along the original location of the route, which they claimed would eliminate an undesirable situation at the intersection of Routes 522 and 739 as relocated.

8-28-69

After the presentation by Mr. Koontz, the Commission Chairman told the delegation the Commission would place this in the category of continuing observation and needs in the Staunton District. He pointed out that there were many locations throughout the state that were under constant study and which possibly presented a greater need than the subject intersection. He also pointed out that the Commission did not have funds for such improvement at this time and was not in a position to make any commitment toward providing funds for this or similar situations. He said the Commission in these cases could not commit funds for such projects and that future studies would indicate the manner in which this and other intersections would be considered.

A report (copy attached) was made by Mr. John M. Wray, Jr. Maintenance Engineer, on the damage caused by the storm of August 19, 1969 (Hurricane Camille). (see Pages 86-90.)

Mr. Fugate stated he was highly gratified at Mr. Wray's superior performance in acting as field commander in this emergency.

Commission members also praised Highway Department forces for their services in connection with this disaster. See resolution included in these minutes. (See Page 78.)

The Commission chairman expressed concern that an insufficient number of young Virginians are now seeking service with the Highway Department. One thing of particular concern is that the Department is not attracting a sufficient number of young and intelligent Negro employees. This, he said, has been a matter of concern for some while to all of the staff and a really sincere effort has been made to attract such employees. He said he is highly aware that the future top management of the Highway Department will be enlisted primarily from the young engineering graduates which are recruited each year and who are put through a thirty-month training program. It is a matter of growing concern that so far not one single young Negro engineering graduate has been attracted to this program. One difficulty, Mr. Fugate said, is that not only young Negro students but young white students are not being attracted to Civil Engineering and other engineering branches used in the Department in sufficient number. He said the Department has had some success in recruiting young Negroes from colleges of other disciplines.


Mr. Fugate stated the Highway Commission has repeatedly expressed its desire to attract employees from all races, religions and nationalities, that the Department needs those who have the proper intelligence to be trained and who will provide the same sort of performance in future disasters as had been seen in the recent emergency.

6-28-69

As an effort toward helping to find and induce to join the Department organization the intelligent and capable young Negro student that is needed, the chairman said the Department had recently advanced to the post of personnel supervisor a young Negro college graduate, Mr. Ollie Wright, who had been serving the Department as a right of way agent. Mr. Wright has been assigned the duty of liaison with the Negro community in attempting to help attract Negro employees to the Highway Department and will also help with recruitment of white employees.

The meeting was adjourned at 12:15 p. m.

Approved:

  
Chairman

Attested:

  
Secretary

S T O R M   D A M A G E  
(August 19, 1969)

Report of Maintenance Engineer to Highway Commission  
August 28, 1969

\* \* \* \*

I. SITUATION - morning of August 20 (Wednesday)

A. Interstate System - Although no Interstate roads or bridges were washed out, there was considerable damage done to paved gutters and other drainage facilities on I-64, west of Clifton Forge and I-95 in Fredericksburg District.

B. Primary System - 25 miles destroyed, severely damaged or containing major slides. Many other primary roads blocked due to highwater.

C. Secondary System - As later surveyed, the situation on the morning of the 20th revealed that 174 miles of Secondary roads were not usable due to washouts, major slides, etc.

Most of this situation on that sad day was in Nelson, Amherst, Rockbridge, Albemarle, Louisa, Fluvanna, Spotsylvania, Caroline, King William, Hanover, Goochland, Cumberland, Buckingham and Orange Counties.

It could be said that on the morning of the 20th, there were no roads open north of Richmond and east of the Blue Ridge.

II. SITUATION - AUGUST 21

The flood proceeded east in the basins of the James River, the North Anna and the South Anna. By the 22nd, again all north-south highways east of the Blue Ridge were not usable, except a combination route of Route 95 north of Richmond and Route 1 south of Richmond. This presented the most gigantic traffic snarl in eastern Virginia since the blizzard of '66.

During the condition of highwater, the Department was helpless to maintain traffic. The best we could do was to inform the public of the situation and to direct them to usable routes.

(Slides)

III. COST OF ESTIMATED DAMAGE (See attached sheet)

IV. PLANNING - The Staff and field engineers went into re-organization and action on the 20th, the day we all realized the severity of the situation.

The Plan - The approach to the problem was divided into three phases:

Phase 1 - To get primary routes and secondary routes passable so that all persons had a route for emergency use.

Phase 2 - Reconstruct primary and secondary routes into a tolerable condition, including one-way bridges, or temporary detours.

Phase 3 - Reconstruct all roads and bridges to condition as good as, or better, than before the flood.

At present we are well into the final days of the Phase 1 operation.

V. PRESENT CONDITION: At present the only primary roads blocked are about 4 miles of Route 56 between Nash and Tyro, and Route 29 between Lovington and Woods Mill (emergency vehicles can actually use Route 29 at this time)

The Secondary System, as shown on the maps as displayed, but in summary:

Culpeper District: 11 major blockages; however, no one is denied an access.

Fredericksburg District: 3 major blockages - no one blocked in.

Staunton District: 14 blockages - a few families blocked in.

Lynchburg District: 25 blockages - a few families blocked in.

We have never summarized the number of blockages originally on the Secondary System; however, a quick view of the Secondary maps indicate there must have been several hundred.

#### VI. COOPERATION -

1. Four (4) additional resident engineers and one (1) District Engineer.

These additional engineers and State forces come from four districts outside of Lynchburg District.



VI. Cooperation - Continued

2. Staff - Cooperation of Bridge, Secondary Roads, Right of Way and others.

3. Contractors are volunteering help and to date we have no trouble in securing road and bridge contractors. We have about 20 different private organizations working for us. Today, we are looking for some experts in the field of Bailey bridges.

VII. FUTURE OUTLOOK - I believe by the weekend, we will have emergency access to all villages and families.

By next Tuesday, we should be in a position to turn traffic on Route 29 and Route 56; however, we should seriously consider the feasibility of this (particularly Route 29) because 40 or 50 pieces of equipment will be working on this road in critical locations, to say nothing of equipment moving in and out to aid in private work.

At the present time the State police are doing their best to keep people off of Route 29 - even yesterday many sightseers were fording the water at Woods Mill, which is reasonably dangerous and clogs up the road for highway workers.

VIII. LOG JAMS AND DEBRIS CLEARANCE -

Many large jams are being cleared in order to open roads and allow streams to be placed back in their normal stream beds. Quite a few large debris piles and log jams, a considerable distance from the road, are being removed at the request of Civil Defense. Each debris pile must be carefully screened, piece by piece, since many bodies are being found in this manner. This is a very slow and expensive operation. Many of these log and debris jams are several acres in area and five to thirty feet high.

\* \* \* \* \*

Maintenance Division  
August 26, 1969

STORM DAMAGE ESTIMATE DUE TO HURRICANE CAMILLE RAINS  
AUGUST 19, 1969

CULPEPER DISTRICT:

Primary System Estimate . . . . 370,000  
Secondary System Estimate . . . . 930,000

All persons have access out in this District

LYNCHBURG DISTRICT:

Primary System Estimate . . . . 908,000  
Secondary System Estimate . . . . 8,329,500

FREDERICKSBURG DISTRICT:

Interstate System Estimate . . . . 40,000  
Primary System Estimate . . . . 100,000  
Secondary System Estimate . . . . 300,000

STAUNTON DISTRICT:

Interstate System Estimate . . . . 60,000  
Primary System Estimate . . . . 405,000  
Secondary System Estimate . . . . 4,895,000

RICHMOND DISTRICT:

Primary System Estimate . . . . 72,000  
Secondary System Estimate . . . . 315,000

INTERSTATE SYSTEM ESTIMATE . . . . 100,000  
PRIMARY SYSTEM ESTIMATE . . . . 1,855,000  
SECONDARY SYSTEM ESTIMATE . . . . 14,769,500

SUB-GRAND TOTAL (STATE) . . . . 16,724,500  
Bridges over James River . . . . 2,400,000

GRAND TOTAL (STATE) . . . . 19,124,500

ANNUAL OPERATING AND MAINTENANCE BUDGET  
 HAMPTON ROADS BRIDGE-TUNNEL PROJECT  
 JAMES RIVER BRIDGE  
 GEORGE P. COLEMAN MEMORIAL BRIDGE  
 ROBERT O. NORRIS, JR., BRIDGE

FOR FISCAL YEAR SEPT. 1, 1969 THROUGH AUG. 31, 1970

**I. GENERAL EXPENDITURES - ALL PROJECTS**

<b>1. <u>Administration</u></b>			
a.	Salaries and Travel Expenses	\$ 50,000	
b.	Fees of Consultants, Trustees, Auditors	33,000	
c.	Telephone, Telegraph, Postage	11,000	
d.	Heat, Light, Water, Rental of Office Machines	20,000	
e.	Insurance	2,000	
f.	Advertising	<u>30,000</u>	
	Sub-Total		\$ 166,000
<b>2. Matching Social Security, Retirement &amp; Group Insurance</b>			<u>95,000</u>
<b>TOTAL - GENERAL EXPENDITURES</b>			<b>\$ 261,000</b>

**II. HAMPTON ROADS BRIDGE-TUNNEL**

<b>1. <u>Administration</u></b>			
a.	Salaries and Travel Expenses	\$ 91,000	
b.	Office Supplies	6,000	
c.	I.B.M. Tickets (Including Printing, Brick's Service)	23,000	
d.	Insurance	76,000	
e.	Uniforms	<u>8,000</u>	
	Sub-Total		\$ 204,000
<b>2. <u>Toll Plaza - Operation</u></b>			
a.	Salaries and Expenses	\$ 235,000	
b.	Heat, Light	1,000	
c.	Materials and Supplies	<u>2,000</u>	
	Sub-Total		\$ 238,000
<b>3. <u>Toll Plaza - Maintenance</u></b>			
a.	Salaries and Expenses	\$ 40,000	
b.	Contract Maintenance	<u>5,000</u>	
	Sub-Total		\$ 45,000
<b>4. <u>Tunnel, Vent. &amp; Crash Truck Buildings - Operation</u></b>			
a.	Salaries	\$ 280,000	
b.	Heat, Electric Power, Water & Radio	57,000	
c.	Materials and Supplies	<u>6,000</u>	
	Sub-Total		\$ 343,000
<b>5. <u>Tunnel, Vent. &amp; Crash Truck Bldgs. - Maintenance</u></b>			
a.	Salaries	\$ 73,000	
b.	Materials and Supplies	15,000	
c.	Contract Maintenance	<u>1,000</u>	
	Sub-Total		\$ 89,000

II. HAMPTON ROADS BRIDGE-TUNNEL (Continued)

6. <u>Motor Vehicles - Operation &amp; Maintenance</u>	\$ 30,000	\$ 30,000
7. <u>Repair Shop and Yard</u>		
a. Salaries	\$ 13,000	
b. Heat, Light, Water, Telephone	3,000	
c. Shop Equipment, Materials & Supplies	<u>4,000</u>	
Sub-Total		\$ 20,000
8. <u>Bus Operation</u>	\$ 42,000	\$ 42,000
TOTAL - HAMPTON ROADS BRIDGE-TUNNEL		\$ 1,011,000

NOTE: Disbursements other than actual expenses such as payments to Chesapeake Bay Bridge & Tunnel District for their portion of combined tickets sold at this facility and cost of maintenance of approach roads and bridges handled on expense refund basis - \$400,000. (This figure not included in total shown above).

III. JAMES RIVER BRIDGE

1. <u>Administration</u>		
a. Salaries and Travel Expenses	\$ 25,000	
b. Office Supplies, Services	2,000	
c. Printing, I.B.M. Tickets & Brink's Service	18,000	
d. Insurance	10,000	
e. Uniforms	<u>4,000</u>	
Sub-Total		\$ 59,000
2. <u>Toll Plaza - Operation</u>		
a. Salaries and Expenses	\$ 160,000	
b. Heat, Water, Light, Telephone	3,000	
c. Materials and Supplies	<u>2,000</u>	
Sub-Total		\$ 165,000
3. <u>Toll Plaza - Maintenance</u>		
a. Salaries and Expenses	\$ 11,000	
b. Materials and Supplies	2,000	
c. Contract Maintenance	<u>1,000</u>	
Sub-Total		\$ 14,000
4. <u>Repair Shop and Yard</u>	\$ 3,000	\$ 3,000
5. <u>Motor Vehicles - Operation &amp; Maintenance</u>	\$ 7,000	\$ 7,000
TOTAL - JAMES RIVER BRIDGE		\$ 248,000

IV. GEORGE P. COLEMAN MEMORIAL BRIDGE

1. <u>Administration</u>			
a. Salaries and Travel Expenses	\$	17,000	
b. Office Supplies, Service (Including I.B.M. Tickets)		12,000	
c. Insurance		7,000	
d. Uniforms		<u>2,000</u>	
			Sub-Total
			\$ 38,000
2. <u>Toll Plaza - Operation</u>			
a. Salaries and Expenses	\$	122,000	
b. Heat, Water, Electricity, Telephone & Radio		2,000	
c. Parts and Supplies		<u>1,000</u>	
			Sub-Total
			\$ 125,000
3. <u>Toll Plaza - Maintenance</u>			
a. Salaries and Expenses	\$	8,000	
b. Parts and Supplies		2,000	
c. Contract Maintenance		<u>1,000</u>	
			Sub-Total
			\$ 11,000
4. <u>Repair Shop and Yard</u>	\$	1,000	\$ 1,000
5. <u>Motor Vehicles - Operation &amp; Maintenance</u>	\$	1,000	<u>\$ 1,000</u>
			TOTAL - GEORGE P. COLEMAN BRIDGE
			\$ 176,000

V. ROBERT O. NORRIS, JR. BRIDGE

1. <u>Administration</u>			
a. Salaries and Expenses	\$	12,000	
b. Insurance		11,000	
c. Supplies (Including I.B.M. Tickets)		<u>4,000</u>	
			Sub-Total
			\$ 27,000
2. <u>Toll Plaza - Operation</u>			
a. Salaries and Expenses	\$	49,000	
b. Heat, Light, Water, Telephone		2,000	
c. Supplies, Including Uniforms		1,000	
d. Contract Maintenance		<u>1,000</u>	
			Sub-Total
			\$ 53,000
3. <u>Toll Plaza - Maintenance</u>			
a. Salaries and Expenses	\$	1,500	
b. Parts and Supplies		500	
c. Contract Maintenance		<u>500</u>	
			Sub-Total
			\$ 2,500
4. <u>Motor Vehicles - Operation &amp; Maintenance</u>	\$	1,500	<u>\$ 1,500</u>
			TOTAL - ROBERT O. NORRIS, JR. BRIDGE
			\$ 84,000

**RECAPITULATION - OPERATION AND MAINTENANCE BUDGET**

I. General Expenditures (Including Matching Social Security, Retirement & Group Insurance	\$ 261,000
II. Hampton Roads Bridge-Tunnel	1,011,000
III. James River Bridge	248,000
IV. George P. Coleman Memorial Bridge	176,000
V. Robert O. Norris, Jr. Bridge	<u>84,000</u>
TOTAL	\$ 1,780,000

Mon. h	Gen. Admp.	SS, St. Ret. & Group Ina. Matching Fund	Hampton Roads Tunnel	James River Bridge	George F. Coleman M. Bridge	Robert O. Norris, Jr. Bridge	Total
Sept.	\$ 14,000	\$ 8,000	\$ 84,000	\$ 21,000	\$ 15,000	\$ 7,000	\$ 149,000
Oct.	14,000	8,000	84,000	21,000	14,000	7,000	148,000
Nov.	14,000	8,000	84,000	20,000	15,000	7,000	148,000
Dec.	14,000	8,000	84,000	20,000	15,000	7,000	148,000
Jan.	14,000	8,000	84,000	21,000	14,000	7,000	148,000
Feb.	13,000	8,000	84,000	21,000	15,000	7,000	148,000
Mar.	13,000	8,000	85,000	20,000	15,000	7,000	148,000
Apr.	14,000	7,000	84,000	21,000	15,000	7,000	148,000
May	14,000	8,000	84,000	21,000	15,000	7,000	149,000
June	14,000	8,000	84,000	21,000	15,000	7,000	149,000
July	14,000	8,000	85,000	21,000	14,000	7,000	149,000
Aug.	14,000	8,000	85,000	20,000	14,000	7,000	148,000
	\$ 166,000	\$ 95,000	\$ 1,011,000	\$ 249,000	\$ 176,000	\$ 84,000	\$ 1,780,000

RATE OF DEPOSITS TO RESERVE MAINTENANCE FUND

Sept.	\$ 25,000
Oct.	25,000
Nov.	25,000
Dec.	25,000
Jan.	25,000
Feb.	25,000
Mar.	25,000
April	25,000
May	25,000
June	25,000
July	25,000
August	25,000
<b>TOTAL</b>	<b>\$300,000</b>

Includes \$25,000 to Replace Equipment

For Prepaid Insurance

To be transferred from Revenue Fund as budgeted to Reserve Maintenance Fund as follows:

Sept. Thru July (each Month)	9,000
Month of August	7,000
<b>TOTAL</b>	<b>\$ 106,000</b>

(This amount included in Operating & Maintenance Budget figures)