

MINUTES
OF
MEETING OF STATE HIGHWAY AND TRANSPORTATION BOARD

Roanoke, Virginia

October 16, 1986

The monthly meeting of the State Highway and Transportation Board was held at the Hotel Roanoke, Roanoke, Virginia, on October 16, 1986, at 10:00 a.m. The chairman, Mr. Ray D. Pethtel, presided.

Present: Messrs. Pethtel, Bacon, Davidson, Guiffre, Howlette, Humphreys, Malbon, Musselwhite, Quicke and Smalley, and Mrs. Kincheloe.

Absent: Mr. Kelly

During the public comment portion of the meeting, The Honorable Noel C. Taylor, Mayor of the City of Roanoke, and The Honorable Clifton A. Woodrum, Member of the House of Delegates representing the 16th District, welcomed the Board to Roanoke.

On motion of Mr. Bacon, seconded by Mr. Smalley, the minutes of the meeting of August 21, 1986, were approved.

On motion of Mr. Bacon, seconded by Mr. Smalley, permits issued and canceled from September 18, 1986 to October 15, 1986, inclusive, as shown by the records of the Department were approved.

Moved by Mr. Quicke, seconded by Mr. Bacon, that the Board approve additions and abandonments to the Secondary System from July 1, 1986, to September 23, 1986, inclusive, as shown by the records of the Department. Motion carried.

10/16/86

Moved by Mrs. Kincheloe, seconded by Dr. Howlette, that

WHEREAS, Route 522 in Culpeper County (Town of Culpeper) has been altered and reconstructed as shown on plans for Project 510-C and

WHEREAS, one section of the old road is no longer necessary as a public road, the new road serving the same citizens as the old, and one section of the old road is no longer necessary for purposes of the State Highway System;

NOW, THEREFORE, BE IT RESOLVED, that pursuant to Section 33.1-148 of the Code of Virginia of 1950, as amended, 0.01 mile of old Route 522, shown in blue and designated as Section 1 on the plat dated October 3, 1986, Project 510-C, be abandoned as a part of the State Highway System.

Motion carried.

Moved by Mrs. Kincheloe, seconded by Dr. Howlette, that

WHEREAS, Route 11 in Wythe County has been altered due to construction of Interstate Route 81 as shown on plans for Project 0081-098-101, C507; and

WHEREAS, three sections of old Route 11 are no longer necessary as a public road, Interstate Route 81 serving the same citizens as old Route 11, and the three sections of old Route 11 are no longer necessary for purposes of the State Highway System;

NOW, THEREFORE, BE IT RESOLVED, that pursuant to Section 33.1-148 of the Code of Virginia of 1950, as amended, 2.08 miles of old Route 11, shown in blue and designated as Sections 1, 2, and 3 on the plat dated April, 1986, Project 0081-098-101, C507, be abandoned as a part of the State Highway System.

Motion carried.

Moved by Mrs. Kincheloe, seconded by Dr. Howlette, that

WHEREAS, Routes 11 and 115 in Roanoke County have been altered and reconstructed as shown on plans for Projects 0011-080-104, C-501 and 0115-080-103, C-502 and

WHEREAS, two sections of the old road are no longer necessary as a public road, the new road serving the same citizens as the old, and one section is recommended to be transferred from the Primary System to the Secondary System of Highways;

10/16/86

NOW, THEREFORE, BE IT RESOLVED, that pursuant to Section 33.1-148 of the Code of Virginia of 1950, as amended, 0.11 mile of the old location of Routes 11 and 115 shown in blue and designated as Sections 1 and 3 on the plat dated December 3, 1985, Projects 0011-080-104, C-501 and 0115-080-103, C-502 be abandoned as a part of the State Highway System;

BE IT FURTHER RESOLVED, that pursuant to Section 33.1-35 of the Code of Virginia of 1950, as amended, 0.13 mile of the old location of Routes 11 and 115 shown in red and designated as Section 2 on the plat and project referred to hereinabove, be transferred to Secondary as a part of the State Highway System.

Motion carried.

Moved by Mrs. Kincheloe, seconded by Dr. Howlette, that

WHEREAS, by proper resolutions, the Boards of Supervisors of Essex, Henry, Patrick, and Pittsylvania 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 33.1-150 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:

Essex County	Section 3 of old location Route 606, from connection Station 9+56 to intersection of SBL U.S. Route 17 at conn. Station 11+06.70, Project: 6017-028-106, C-503
	0.01 Mi.
	Section 4 of old location Route 611, from NBL Route 17 to new location of Route 611 at conn. Station 17+00, Project: 6017-028-106, C-503
	0.13 Mi.
	Section 6 of old location Route 611, from intersection Route 1001 to new location of Route 611 at conn. Station 31+50, Project: 6017-028-106, C-503
	0.33 Mi.

10/16/86

Henry County
 Project: 0641-
 044-228, M-501

Section 1 of old location Route 641 from
 Station 14+82 to Station 24+00, Project:
 0641-044-228, M-501

0.18 Mi.

Section 2 of old location Route 641 from
 Station 70+95 to Station 77+60 Project:
 0641-044-228, M-501

0.14 Mi.

Section 3 of old location Route 641, from
 Station 95+00 to Station 99+50, Project:
 0641-044-228, M-501

0.09 Mi.

Henry County
 Project: 0609-044-
 185, C-502

Section 1 of old location Route 609, from
 Station 83+50 to Station 86+70, Project:
 0609-044-185, C-502

0.06 Mi.

Section 8 of old location Route 609, from
 Station 86+70 to 0.02 mile east, Project:
 0609-044-185, C-502

0.02 Mi.

Section 3 of old location Route 609, from
 conn. Station 11+20 to 0.03 mile east,
 Project: 0609-044-185, C-502

0.03 Mi.

Patrick County
 Budget Item 5009

Section 2 of old location Route 688, from
 0.78 mile north of Int. Routes 688 and
 765, to 0.06 mile NE on old location of
 Route 688, Project: Budget Item 5009

0.06 Mi.

Patrick County
 Project: 070-763-
 5014

Section 2 of old location Route 763, from
 0.18 mile north of Int. Routes 763 and
 773, to 0.06 mile NE on old location of
 Route 763, Project: 070-763-5014

0.06 Mi.

10/16/86

Patrick County
 Project: 070-0762-
 5308

Section 2 of old location 762, from 0.07
 mile east of Int. Routes 762 and 631, to
 0.08 mile east on old location of Route
 762, Project: 070-0762-5308

0.08 Mi.

Pittsylvania
 County

Section 5 of old location Route 1168,
 from Intersection of new location of
 Route 737 to Int. of NBL of Route 86

0.06 Mi.

Section 1 of old location Route 737, from
 ramp of Route 295 to Int. of old location
 of Route 1121

0.03 Mi.

Section 2 of old location Route 1121,
 from Int. of Route 86, to old
 intersection with Route 1165 (Station
 26+15)

0.18 Mi.

Section 3 of old location Route 1121,
 from Int. with old location Route 1165,
 to intersection with Route 86 (Station
 28+00)

0.03 Mi.

Section 10 of old location Route 1121,
 from Intersection with Route 86 (Station
 28+00) to new location of Route 1121
 (Station 30+80)

0.04 Mi.

Section 9 of old location Route 1165,
 from intersection with old location of
 Route 1121, to new location of Route 1165
 (Station 16+00)

0.03 Mi.

Section 8 of old location Route 737 from
 (Opp. Station 28+50) to Station 30+60
 0.06 Mi.

10/16/86

Pittsylvania
County
(cont'd.)

Section 19 of old location Route 737 from
Reloc. Station 10+50 to NBL of Route 265
0.12 Mi.

Section 20 of old location 737 from NBL
of Route 265 to Station 24+40

0.03 Mi.

Section 21 of old location Route 737 from
Station 24+40 to Reloc. Route 737 Station
37+60

0.27 Mi.

Section 22 of old location Route 1162,
from Station 14+00 to NBL of Route 265

0.14 Mi.

Motion carried.

Moved by Mrs. Kincheloe, seconded by Dr. Howlette, that

WHEREAS, the State Highway and Transportation Board is authorized to make payments to cities and towns for street maintenance purposes; and

WHEREAS, the State Highway and Transportation Board has selected certain Local Streets within the corporate limits of the Town of Altavista for such payment; and

WHEREAS, under the authority of Section 33.1-41.1 of the Code of Virginia, request is made by the Town of Altavista, effective July 1, 1987, for deletion of maintenance payments on Local Streets meeting required standards;

NOW, THEREFORE, BE IT RESOLVED, that quarterly payments be deleted to the Town of Altavista for additional Local Streets totaling 0.03 mile and meeting required standards under the aforementioned section of the code, effective July 1, 1986, for quarterly deletion of payment due after July 1, 1987. The deletion of Local Streets is described on the attached tabulation sheet numbered 1 dated September 10, 1986.

The Local Street deletion totaling 0.03 mile decreases the total mileage to 25.33 miles of streets subject to maintenance payments in the Town of Altavista. Motion carried.

10/16/86

Moved by Mrs. Kincheloe, seconded by Dr. Howlette, that

WHEREAS, the State Highway and Transportation Board is authorized to make payments to cities and towns for street maintenance purposes; and

WHEREAS, the State Highway and Transportation Board has selected certain Local Streets within the corporate limits of the City of Bristol for such payment; and

WHEREAS, under the authority of Section 33.1-41.1 of the Code of Virginia, request is made by the City of Bristol, effective October 1, 1986, for additions and deletions of maintenance payments on Local Streets meeting required standards;

NOW, THEREFORE, BE IT RESOLVED, that quarterly payments be made to the City of Bristol for additional Local Streets totaling 1.02 miles and meeting required standards under the aforementioned section of the Code, effective October 1, 1986, for quarterly payment due after July 1, 1987. The additions and deletions for Local Streets are described on the attached tabulation sheets, numbered 1 through 2, dated September 12, 1986.

The Local Streets having a net increase totaling 1.02 miles, increase the total mileage to 92.97 miles of streets subject to maintenance payments in the City of Bristol.

Motion carried.

Moved by Mrs. Kincheloe, seconded by Dr. Howlette, that

WHEREAS, the State Highway and Transportation Board is authorized to make payments to cities and towns for street maintenance purposes; and

WHEREAS, the State Highway and Transportation Board has selected certain Local Streets within the corporate limits of the City of Poquoson for such payment; and

WHEREAS, under the authority of Section 33.1-41.1 of the Code of Virginia, request is made by the City of Poquoson, effective October 1, 1986, for maintenance payments on Local Streets meeting required standards;

REQUEST FOR STREET ADDITIONS OR DELETIONS
FOR MUNICIPAL ASSISTANCE PAYMENTS
Section 33.1-41.1
Code of Virginia

ADDITIONS

MUNICIPALITY Bristol

STREET NAME ROUTE NUMBER *	TERMINI		R/W WIDTH (FEET)	PAVEMENT WIDTH (FEET)	CENTER- LINE MILES	NUMBER OF LANES	LANE MILES	FUNG. CLASS. (TPD USE ONLY)
	FROM	TO						
Bellehaven Dr.	0.28 MN Winding Way Rd. -	Cul-de-Sac	50	30	0.22	2	0.44	LOC
Oakcrest Circle	Bellehaven Dr. -	Cul-de-Sac	50	30	0.13	2	0.26	LOC
Timber Oak Dr.	Bellehaven -	Tall Timbers Dr.	50	30	0.31	2	0.62	LOC
Colony Circle	0.06 MN Heritage Dr. ~	0.17 MN						
$\frac{1}{2}$	Heritage Drive		50	30	0.11	2	0.22	LOC
Sherwood Rd.	Old NCL -	Cheyenne Road	50	30	0.01	2	0.02	LOC
Reservoir Street	0.12 ME E. Mary St. -	Dead End	50	30	0.11	2	0.22	LOC
Thomas Road	Coronet Drive ~	Cul-de-sac	50	30	.23	2	0.46	LOC
Coronet Drive	Fairfield St. ~	Old Airport Road	50	30	.19	2	0.38	LOC

*COUNCIL RESOLUTION & MAP ATTACHED

SIGNED [Signature] DATE 8/3/86
MUNICIPAL OFFICIAL

SIGNED [Signature] DATE 9-12-86
RESIDENT ENGINEER

CLASSIFIED BY [Signature] DATE 10-7-86
TPD ENGINEER

10/16/86

NOW, THEREFORE, BE IT RESOLVED, that quarterly payments be made to the City of Poquoson for Local Streets totaling 0.13 mile and meeting required standards under the aforementioned section of the code, effective October 1, 1986, for quarterly payment due after July 1, 1987. The Local Streets are described on the attached tabulation sheet numbered 1 dated August 29, 1986.

The Local Streets additions totaling 0.13 mile increase the total mileage to 41.49 miles of streets subject to maintenance payments in the City of Poquoson.

Motion carried.

Moved by Mr. Smalley, seconded by Dr. Howlette, that the Board approve bids received September 23, 1986, on the following INTERSTATE SYSTEM PROJECTS and authorize execution of contracts by the Deputy Commissioner or Chief Engineer.

Job Des. 0279-86A9, Route 81, Project 0081-086-2000, SR-01; 0081-086-2001, SR-01; 0081-086-2004, SR-01; 0081-086-2005, SR-01; 0081-119-2800, SR-01

Bridge repair and latex overlay (5 bridges), various locations, County of Smyth and Town of Marion. Award of contract in the amount of \$288,981.00 to low bidder, Overlay, Inc., Mitchellsburg, KY.

Job Des. 505, Routes 64 and 81, Project LS-8-86

Fertilizer application, Augusta and Rockbridge Counties. Award of contract in the amount of \$53,550.00 to low bidder, William T. Curd, Jr., Contractor, Inc., Chester, VA.

Motion carried.

Moved by Mr. Smalley, seconded by Dr. Howlette, that the Board approve rejection of bids received September 23, 1986, on the following INTERSTATE SYSTEM PROJECT and authorize readvertisement of project.

Job Des. 460, Route 64, Project BR-7C-86

Riprap repair, Albemarle County. Rejection of bids and readvertisement of project, low bid over the estimate.

Motion carried.

10/16/86

Moved by Mrs. Kincheloe, seconded by Mr. Quicke, that the Board approve bids received September 23, 1986, on the following PRIMARY SYSTEM PROJECTS and authorize execution of contracts by the Deputy Commissioner or Chief Engineer.

Job Des. 0090-86A6, Route 15/29, Project P015-030-101, C501

Commuter Parking Lot (Int. Route 605), Fauquier County. Award of contract in the amount of \$525,923.00 to low bidder, R. L. Rider & Co., Warrenton, Virginia.

Job Des. 0190-86B3, Route 244, Project 0244-000-1008, SR02

Bridge deck repair with bit. conc. overlay (Route 244 over Four Mile Run), Arlington County. Award of contract in the amount of \$222,908.60 to low bidder, Shirley Contracting Corporation, Lorton, VA.

Job Des. 0236-86A1, Route 114, Project 0114-060-105, C501

From 1.150 Mi. E. Montgomery-Pulaski County Line To 0.749 Mi. E. Montgomery-Pulaski County Line, Montgomery County. Award of contract in the amount of \$748,973.75 to low bidder, Branch & Associates, Inc. & Subs., Roanoke, VA.

Job Des. 0274-86A4, Route 1, Project 0001-088-110, C501, C502

From 0.136 Mi. S. Int. Route 17 Bypass To 0.356 Mi. N. Int. Route 17 Bypass, Spotsylvania County. Award of contract in the amount of \$552,500.70 to low bidder, Moore Bros. Co., Inc., Verona, VA.

Job Des. 0275-86A3, Routes 15 & 28, Projects 0015-030-N501; 0028-030-S04, N501

From 0.190 Mi. S.W. Int. Route 667 To 0.381 Mi. NE Int. Route 667, Fauquier County. Award of contract in the amount of \$233,923.00 to low bidder, R. L. Rider & Co., Warrenton, VA.

Job Des. 0276-86A2, Routes 42, 52 & 102, Projects 0042-010-1015, SR01; 0052-010-1012, SR01; 0102-092-1046, SR01; 0102-092-1047, SR01

Bridge repair and bit. concrete overlay (4 bridges), Bland and Tazewell Counties. Award of contract in the amount of \$358,871.50 to low bidder, Pendleton Construction Corporation & Sub., Wytheville, VA.

10/16/86

Job Des. 0281-86A5, Route 218, Project 0218-089-S06, C501

Int. Route 212 & Int. Route 607 (Traffic Signals), Stafford County. Award of contract in the amount of \$83,854.50 to low bidder, Brook Hill Construction Corporation of Virginia, Richmond, VA.

Job Des. 509, Route 23, Project 0023-097-124, M501

0.208 Mi. 36' x var. bit. conc. base and bit. top, Wise County. Award of contract in the amount of \$240,016.25 to low bidder, W. C. English, Inc., Altavista, VA.

Job Des. 512, Route 220 Bus., Project 044-C220-0110

Install curb, gutter and entrances, Henry County. Award of contract in the amount of \$41,555.50 to low bidder, Burleigh Construction Company, Inc., Concord, VA.

Job Des. 514, Route 220, Project 044-0220-0160

Expansion joint reconstruction on structure no. 1015 and 1049, Henry County. Award of contract in the amount of \$37,819.00 to low bidder, Burleigh Construction Company, Inc., Concord, VA.

Job Des. 515, Route 17, Project TSI-5A-86

Traffic signal installation, Suffolk District, York County. Award of contract in the amount of \$24,991.00 to low bidder, Superior Signals and Lighting, Inc., Virginia Beach, VA.

Job Des. 516, Route 13, Project TSI-5B-86

Traffic signal installation, Suffolk District, Accomack County. Award of contract in the amount of \$24,999.50 to low bidder, Superior Signals and Lighting, Inc., Virginia Beach, VA.

Motion carried.

Moved by Mrs. Kincheloe, seconded by Mr. Quicke, that the Board approve rejection of bids received September 23, 1986, on the following PRIMARY SYSTEM PROJECT and authorize readvertisement.

10/16/86

Job Des. 433, Route 360, Project 28-0360-028-060, 400

Replace existing drainage, Essex County. Rejection of bids and readvertisement of project, low bid over the estimate.

Moved by Mr. Davidson, seconded by Mr. Quicke, that the Board approve bids received August 26, 1986, on the following URBAN SYSTEM PROJECT and authorize execution of contracts by the Deputy Commissioner or Chief Engineer:

Job Des. 0171-86A8, Route 164, Project 0164-124-102, C505, B630, B631, B632, B633, B634, B637

From 0.127 Mi. W. of Cedar Lane To 0.155 Mi. E. of Norfolk and Western Railway, City of Portsmouth. Award of contract in the amount of \$24,477,180.00 to low bidder, Tyger Construction Company, Inc., Spartanburg, SC.

Motion carried.

Moved by Mr. Davidson, seconded by Mr. Quicke, that the Board approve bids received September 23, 1986, on the following URBAN SYSTEM PROJECTS and authorize execution of contracts by the Deputy Commissioner or Chief Engineer.

Job Des. 0165-86B4, Route 1, Project 0001-301-102, C501

Traffic Signals, Int. Mecklenburg Avenue (Route 1) and Atlantic St. (Routes 47 & 58), Town of South Hill. Award of contract in the amount of \$51,692.10 to low bidder, Brook Hill Construction Corporation of Virginia, Richmond, VA.

Job Des. 510, Route 9999, Project 9999-154-188, M501

0.31 Mi. 30' x 3" bit. conc. base and bit. top, Town of Christiansburg. Award of contract in the amount of \$82,215.05 to low bidder, Pendleton Construction Corporation & Sub., Wytheville, VA.

Motion carried.

Moved by Mr. Musselwhite, seconded by Mr. Quicke, that the Board approve bids received September 23, 1986, on the following SECONDARY SYSTEM PROJECTS and authorize execution of contracts by the Deputy Commissioner or Chief Engineer.

10/16/86

Job Des. 0291-86A3, Route 655, Project 0655-020-189, M-501

From 0.643 Mi. W. Int. Route 10 To Int. Route 10, Chesterfield County. Award of contract in the amount of \$365,428.30 to low bidder, Interstate Construction Corp., Richmond, VA.

Job Des. 0081-86A7, Route 761, Project 0761-007-284, N501, B665

From 0.03 Mi. N. Route 763 To 0.06 Mi. S. Route 763, Augusta County. Award of contract in the amount of \$184,548.50 to low bidder, Fairfield Bridge Co., Inc., a sub. of Koppers Co., Inc., Fishersville, VA.

Job Des. 0179-86B8, Route 617, Project 0617-098-200, N501

From Int. Route 682 To Int. Route 735, Wythe County. Award of contract in the amount of \$114,874.80 to low bidder, W-L Construction & Paving, Inc., Chilhowie, VA.

Job Des. 0260-86A0, Route 785, Project 0785-007-258, N-501, B666

From Int. Route 608 To Int. Route 784, Augusta County. Award of contract in the amount of \$259,416.50 to low bidder, Wilkins Construction Co., Inc., Amherst, VA.

Job Des. 0284-86A2, Projects 0602-013-T97, N501; 0609-013-T16, N501; 0640-013-T92, N501; 0642-013-T10, N501; 0658-013-T07, N501; 0664-013-T19, N501; 0666-013-T93, N501; 0708-013-T12, N501; 0730-013-T95, N501

0.40 Mi. 12' x var. depth bit. conc. base course and bit. top and 8.77 Mi. var. wid. x var. depth bit. top, Buchanan County. Award of contract in the amount of \$350,834.38 to low bidder, Adams Construction Company, Roanoke, VA.

Job Des. 0286-86A0, Route 606, Project 0606-044-183, C502

From 0.045 Mi. N. Int. Route 1222 To 0.028 Mi. S. Int. Route 1223, Henry County. Award of contract in the amount of \$476,374.61 to low bidder, W. T. Milam & Sons, Inc., South Boston, VA.

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Job Des. 0287-86A9, Route 620 and 692, Projects 0620-013-T99, N501; 0692-013-T01, N501

From 2.28 Mi. N. Int. Route 622 To 3.40 Mi. N. Int. Route 622 and From 0.50 Mi. N. Int. Route 602 To 0.87 Mi. N. Int. Route 602, Buchanan County. Award of contract in the amount of \$231,376.98 to low bidder, Cleco Corp., Swords Creek, VA.

Job Des. 0289-86A7, Route 640, Project 0640-008-138, N501

From Int. Route 39 To 0.3 Mi. N. Int. Route 39, Bath County. Award of contract in the amount of \$99,360.00 to low bidder, Plecker Construction Co., Inc., Staunton, VA.

Job Des. 0292-86A2, Route 670, Project 0670-011-177, N501

From Int. Route 220 To Int. Route 630, Botetourt County. Award of contract in the amount of \$320,997.75 to low bidder, Robertson-Fowler Co., Inc., Buchanan, VA.

Job Des. 0293-86A1, Route 676, Project 0676-095-194, M501, B646

From Int. Route 672 To 0.123 Mi. E. Int. Route 672, Washington County. Award of contract in the amount of \$217,740.00 to low bidder, Edwin O'Dell & Co., Pulaski, VA.

Job Des. 0294-86A0, Route 681, Project 0681-011-P07, N501

From Int. Route 220 To Int. Route 635, Botetourt County. Award of contract in the amount of \$57,221.52 to low bidder, Robertson-Fowler Co., Inc., Buchanan, VA.

Job Des. 0295-86A9, Route 689, Project 0689-025-T28, N501

From 0.63 Mi. W. Route 704 To 0.95 Mi. N. Route 607 (S. Int.), Dickenson County. Award of contract in the amount of \$400,345.32 to low bidder, Bordwine Constr. Co. Inc., Bristol, VA.

Job Des. 0296-86A8, Route 692, Project 0692-080-199, M502

From 0.129 Mi. N. Int. Route 1769 To 0.064 Mi. S. Int. Route 1769, Roanoke County. Award of contract in the amount of \$96,762.17 to low bidder, W. T. Milam & Sons, Inc., South Boston, VA.

10/16/86

Job Des. 0297-86A7, Route 703, Project 0703-095-195, N501, B647

From Int. Route 80 To 0.017 Mi. W. Int. Route 80, Washington County. Award of contract in the amount of \$86,809.00 to low bidder, Cleco Corp., Swords Creek, VA.

Job Des. 0298-86A6, Route 908, Project 0908-084-155, B617

Bridge and approaches, Route 908 over North Fork Clinch River at Int. Route 772, Scott County. Award of contract in the amount of \$105,252.10 to low bidder, Fraley's Inc., East Stone Gap, VA.

Job Des. 0309-86A3, Route 605, Project 0605-054-167, N501, D626

Route 605 over Fork Creek(Aggregate Base Course, Bit. Top and Drainage Structure), Louisa County. Award of contract in the amount of \$250,140.00 to low bidder, Wilkins Construction Company, Inc., Amherst, VA.

Job Des. 503, Route 629, Project 0629-085-P19, N-501

1.30 Mi. 18' x Var. Aggr. Base & Bit. S. T., Shenandoah County. Award of contract in the amount of \$394,689.65 to low bidder, Rappawan, Inc., Front Royal, VA.

Job Des. 506, Route 636, Project 0636-098-176, M501, B619

0.169 Mi. 22' x Var. Bit. Conc. Base, Bit. Top and Bridge, Wythe County. Award of contract in the amount of \$1,420,621.95 to low bidder, Haymes Brothers, Inc., Chatham, VA.

Job Des. 507, Route 648, Project 0648-046-221, N501; 0648-046-P21, N502

0.4 Mi. 20' x Var. Depth Stone Surface, Grade and Drain, Isle of Wight County. Award of contract in the amount of \$37,169.00 to low bidder, T. H. Wiggins Company, Inc., Suffolk, VA.

Job Des. 511, Route 642, Project 0642-045-7085, A07

Replace bridge over Laurel Fork, Highland County. Award of contract in the amount of \$60,520.75 to low bidder, A C Construction Company, Inc., Buchanan, VA.

Motion carried.

10/16/86

Moved by Mr. Musselwhite, seconded by Mr. Quicke, that the Board approve rejections of bids received September 23, 1986, on the following SECONDARY SYSTEM PROJECTS and authorize readvertisement.

Job Des. 0256-86A6, Route 711, Project 0711-013-254, C501, B646

From Int. KY. Route 194 To 0.134 Mi. S. Int. KY. Route 194, Buchanan County. Rejection of bids and readvertisement of project, low bid over the estimate.

Job Des. 513, Route 614, Project 70-0614-7083-006

0.076 Mi. grading, draining and stab. w/aggr. base material and bit. s.t., Patrick County. Rejection of bids and readvertisement of project, low bid over the estimate.

Motion carried.

Moved by Mr. Smalley, seconded by Mr. Malbon, that the Board approve bids received September 23, 1986, on the following MISCELLANEOUS PROJECTS and authorize execution of contracts by the Deputy Commissioner or Chief Engineer.

Job Des. 0273-86A5, Project 1985-007-008, F501; 7085-007-701, M400 (Contract I)

Temporary and permanent storm damage restoration, various locations, Augusta County. Award of contract in the amount of \$220,820.00 to low bidder, March, Inc., Waynesboro, VA.

Job Des. 0300-86A2, Project IRMO-961-101, N501; IRMO-962-101, N501

Recessed pavement markers, various locations, Bristol and Salem Districts. Award of contract in the amount of \$98,979.93 to low bidder, Swanston Equipment Company and Subs., Fargo, ND.

Job Des. 0304-86A8, Project 1985-007-008, F501, Contr. 2; 7085-007-702, M400

Temporary and permanent storm damage restoration, various locations, Augusta County. Award of contract in the amount of \$169,945.00 to low bidder, March, Inc., Waynesboro, VA.

10/16/86

Job Des. 0343-86A1, Project 1985-011-010, F501, Contract I

Temporary and permanent storm damage restoration, various locations, Botetourt County. Award of contract in the amount of \$85,123.00 to low bidder, Laughon & Johnson, Inc., Bedford, VA.

Job Des. 0344-86A0, Project 1985-080-017, F501, Contract II

Temporary and permanent storm damage restoration, various locations, Roanoke County. Award of contract in the amount of \$98,202.50 to low bidder, John A. Hall & Co., Inc., Roanoke, VA.

Job Des. 0345-86A9, Project 1985-080-017, F501 (Contract I)

Temporary and permanent storm damage restoration, various locations, Roanoke County. Award of contract in the amount of \$101,097.25 to low bidder, Adams Construction Company, Roanoke, VA.

Job Des. 0346-86A8, Project 1985-011-010, F501 (Contract II); 1985-022-011, F501 (Contract I)

Temporary and permanent storm damage restoration, various locations, Botetourt and Craig Counties. Award of contract in the amount of \$93,345.00 to low bidder, A. R. Coffey & Sons, Inc., Buchanan, VA.

Job Des. 504, Project GM-A2-86

Guardrail maintenance, various locations, Northern Virginia District (Fairfax and Arlington Counties). Award of contract in the amount of \$221,280.00 to low bidder, L. S. Lee, Inc., York, PA.

Job Des. 508, Project PM0-1-86-533

19.37 Mi. Plant Mix Overlay, various locations, Tazewell County. Award of contract in the amount of \$524,497.00 to low bidder, Maymead Lime Company, Mountain City, TN.

Motion carried.

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Moved by Dr. Howlette, seconded by Mrs. Kincheloe, that

WHEREAS, in response to a formal request by the Chesterfield County Board of Supervisors that Route 619 (Happy Hill Road) from Route 620 to 0.66 mile south of Route 620 be considered for restriction of through truck traffic pursuant to the provisions of Section 46.1-171.2 of the Code of Virginia, this matter has been carefully reviewed; and,

WHEREAS, the route in question traverses a predominantly residential area; and,

WHEREAS, the route in question incorporates poor geometrics, including a sharp, horizontal curve which trucks cannot negotiate without encroaching into the opposing lane; and,

WHEREAS, a restriction of the proposed route would not present any undue hardship; and,

WHEREAS, a public hearing was conducted to consider the proposed restriction; and,

WHEREAS, careful consideration has been given to the recommendations received, the available alternate routes and the past practices of the Department,

NOW, THEREFORE, BE IT RESOLVED, that Route 619 (Happy Hill Road) from Route 620 to 0.66 mile south of Route 620 be restricted to through truck traffic in accordance with Section 46.1-171.2 of the Code of Virginia.

Motion carried.

Moved by Mrs. Kincheloe, seconded by Dr. Howlette, that

WHEREAS, in response to a formal request by the Chesterfield County Board of Supervisors that Route 1506 (Buckingham Street) between Route 10 and Route 144 be considered for restriction of through truck traffic pursuant to the provisions of Section 46.1-171.2 of the Code of Virginia, this matter has been carefully reviewed; and

WHEREAS, the route in question traverses a predominantly residential neighborhood; and

WHEREAS, a restriction of the proposed route would not present any undue hardship; and

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WHEREAS, a public hearing was held to consider the proposed restriction; and,

WHEREAS, careful consideration has been given to the recommendations received, the available alternate routes and the past practices of the Department; and

WHEREAS, Route 1506 actually intersects Route 1523 which in turn connects with Route 144 at a point opposite Route 1520,

NOW, THEREFORE, BE IT RESOLVED, that Route 1506 (Buckingham Street) between Route 10 and Route 1523 be restricted to through truck traffic in accordance with Section 46.1-171.2 of the Code of Virginia.

Motion carried.

Moved by Mr. Bacon, seconded by Mr. Musselwhite, that

WHEREAS, in accordance with Department policy, the consulting firm of American Engineers, Richmond, Virginia, has been determined to be better qualified to perform the required engineering services, and a firm proposal has been received from the consulting firm for Stage I, Preliminary Structure Plans and Estimates; Stage II, Contract Structure Plans, Specifications and Estimates; and Stage III, Review of Shop Drawings, for engineering services in connection with the design of seven (7) bridges identified as projects:

Federal Project: M-5122(1)
 State Project: U000-114-102, PE101, B606, B607
 East-West Expressway over Magruder Boulevard
 City of Hampton

Federal Project: IR-64-3(236)246
 State Project: 0064-122-116, PE101, B673
 Ramp A-5 over Granby Street and Routes 564 and 64
 City of Norfolk

State Project: 6019-083-106, PE104, B618, B619, B620, B621
 Route 19 over Route 654 and Route 19 over Route 658 and Big Cedar Creek, Russell County; and

WHEREAS, the urgency of commencing, the magnitude, and time limit to complete the design work require augmentation of the Department's engineering staff; and

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WHEREAS, the agreed upon Stage II services are to be completed by April, 1987; and

WHEREAS, careful consideration has been made of the required services and just compensation for same as established and set forth in the Agreement;

NOW, THEREFORE, BE IT RESOLVED, that the Board authorize the execution of an Agreement with American Engineers which establishes maximum total compensations that include net fees for each project as indicated below:

Projects	Total Compensations Not to Exceed	Net Fees
U000-114-102, PE-101, B606, B607	\$ 96,873.00	\$ 9,134.00
0064-122-116, PE010, B673	319,149.00	30,748.00
6019-083-106, PE104, B618, B619		
B620, B621 (State Funded)	<u>154,612.00</u>	<u>14,942.00</u>
TOTALS	\$570,634.00	\$54,824.00

Motion carried.

Moved by Mr. Musselwhite, seconded by Mr. Bacon, that

WHEREAS, in accordance with Department policy, a firm proposal has been received from the consulting firm of Byrd, Tallamy, MacDonald and Lewis, a Division of Wilbur Smith and Associates, consulting engineers of Fairfax, Virginia for preparation of complete right of way and construction plans for a portion of the Springfield Bypass. These services will include complete surveys, right of way and construction plans, preliminary and contract structure plans, and sign and signal plans.

WHEREAS, the urgency of commencing and time limit to complete the design work require augmentation of the Department's design staff; and

WHEREAS, careful consideration of these required services and just compensation for same as established and set forth in the MEMORANDUM OF AGREEMENT has been made.

WHEREAS, this MEMORANDUM OF AGREEMENT is contingent upon approval by the Federal Highway Administration of the Supplement to the Final Environmental Statement.

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NOW, THEREFORE, BE IT RESOLVED, that the Highway and Transportation Board authorize the execution of an agreement with Byrd, Tallamy, MacDonald and Lewis, a Division of Wilbur Smith and Associates, for a total maximum compensation for this contract not to exceed \$1,198,279.31, which includes a net fee of \$92,362.45.

Motion carried.

Moved by Mr. Bacon, seconded by Dr. Howlette, that

WHEREAS, in accordance with Department Policy, a firm proposal has been received from the consulting firm of Mattern and Craig, Roanoke, Virginia, for the preparation of complete surveys, right of way plans and construction plans for two (2) secondary projects in Smyth County.

This work is identified as:

Route 600, Project 0600-086-176, PE101, and Route 600, Project 0600-086-176, PE-102,

WHEREAS, the urgency of commencing and the time limit to complete the design work require augmentation of the Department's staff; and

WHEREAS, careful consideration has been made to these required services and just compensation for same as established and set forth in the MEMORANDUM OF AGREEMENT;

NOW, THEREFORE, BE IT RESOLVED, that the Board authorizes the execution of an AGREEMENT with Mattern and Craig, which establishes a maximum total compensation not to exceed \$473,006.46 which includes a net fee of \$38,306.18.

Motion carried.

Moved by Dr. Howlette, seconded by Mr. Malbon, that

WHEREAS, a Location Public Hearing was held for proposed Route 199 from the intersection of Route 5, southwest of Williamsburg, to the interchange of Interstate Route 64 at Route 646 (Exit 55) in James City and York Counties on January 24, 1979, after which a corridor was approved by the Virginia Highway and Transportation Commission on April 19, 1979; and

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WHEREAS, due to the length of time during which Federal Highway Administration approval was not obtained, two additional alignments have been developed, and changes in the environment may have occurred, and

WHEREAS, a new draft Environmental Impact Statement has been developed and a second Location Public Hearing has been held involving new alternative alignments,

NOW, THEREFORE, BE IT RESOLVED, that the Highway and Transportation Commission action of April 19, 1979, concerning State Projects 0199-047-103, PE-101 and 0199-099-102, PE-101; Federal Project F-082-1() be rescinded.

Motion carried.

Moved by Dr. Howlette, seconded by Mr. Malbon, that

WHEREAS, in accordance with the provisions of Section 128 of Title 23 - Highways, United States Code, and FHPM 7-7-5, a Location Public Hearing was held in the Lafayette High School on April 3, 1986, at 7:00 p.m., for the purpose of considering the proposed location of Route 199 from the intersection of existing Route 199 and Route 5 (southwest of Williamsburg) northward to the Interstate Route 64 interchange at Route 646 (Exit 55), in James City and York Counties, State Project 0199-965-101, PE-100; Federal Project F-126-1(101); 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 presented, 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; and

WHEREAS, previous action concerning the location of this section of proposed Route 199 has been rescinded;

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NOW, THEREFORE, BE IT RESOLVED, that the location of this project be approved in accordance with the plan as proposed and presented at the said Location Public Hearing by the Department's Engineers as Line A in James City County with alignment changes near Route 615 defined as Line A Revised, through access provided to Strawberry Plains Road (Route 616), a relocation of Route 658 to connect to Route 612 and an additional access point for this Route 658 relocation with Route 199 and further studies and actions by the Department as appropriate for funding and proper public involvement for the relocation of Route 658 and Line A-2 as proposed and presented in York County, and

BE IT FURTHER RESOLVED, that Route 199 between Route 5 (southwest of Williamsburg) and the Interstate Route 64 interchange at Route 646 be designated as a Limited Access Highway as approved herein in accordance with Article 4, Chapter 1, Title 33.1 of the 1950 Code of Virginia, as amended and in accordance with Highway and Transportation Board Policy, and

BE IT FURTHER RESOLVED, that in the interest of public safety, the herein approved segment of Route 199 be prohibited to pedestrians, persons riding bicycles or mopeds, horse-drawn vehicles, self-propelled machinery or equipment, and animals led, ridden or driven on the hoof, in accordance with Section 46.1-171.1 of the 1950 Code of Virginia as amended, and

BE IT FURTHER RESOLVED, that in accordance with Article 4, Chapter 1, Title 33.1, Section 33.1-34 of the 1950 Code of Virginia and State Highway and Transportation Board Policy, the herein approved 7.6 mile segment of Route 199 be added to the Primary System of Highways and designated Virginia Route 199.

Motion carried, Mr. Quicke voting no.

Moved by Mr. Musselwhite, seconded by Dr. Howlette, that

WHEREAS, in accordance with the provisions of Section 128 of Title 23 - Highways, United States Code, and FHPM 7-7-5, a Location and Design Public Hearing was held in the Martinsville Municipal Building on May 20, 1986, at 7:00 p.m., for the purpose of considering the proposed location and major design features of Route 650 (Spruce Street) from 0.54 mile east of Hunting Ridge Road to 0.01 mile west of Prospect Hill Drive in the City of Martinsville and Henry County; State Projects 0650-120-101, C501 and 0650-044-196, C501; Federal Projects M-5120 () and RS-377(101); and

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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 presented, 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 the said Location and Design Public Hearing by the Department's Engineers with the addition of sidewalk on the south side between Gratton Road and Corn Tassell Trail in Henry County providing that Henry County contributes 50% of the cost of the sidewalk.

Motion carried.

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Moved by Mr. Bacon, seconded by Mr. Humphreys,

that

WHEREAS, in connection with Route 63, State Highway Project 0063-083-105, RW-201, the Commonwealth acquired certain lands from Fred C. Phillips and Pauline S. Phillips by instrument dated May 20, 1980, case for which has been concluded, recorded in Deed Book 296, Page 585; and from B. H. Salyer and Garma B. Salyer by instrument dated August 7, 1980, case for which has been concluded, recorded in Deed Book 298, Page 78. These instruments are recorded in the Office of the Clerk of the Circuit Court of Russell County; and

WHEREAS, the Commonwealth is the apparent owner of old Route 63; and

WHEREAS, Russell County has requested that we convey to them the excess land in order to use it as a solid waste collection site; and

WHEREAS, the State Highway and Transportation Commissioner has certified in writing that the lands containing 0.70 acre, more or less, and lying east of and adjacent to the east normal right of way limits of Route 63, from a point approximately 50 feet opposite approximate Station 9+36.05 (Route 63 centerline) to a point approximately 50 feet opposite approximate Station 13+50.71 (Route 63 centerline) 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, in accordance with the provisions of Section 33.1-149 of the Code of Virginia (1950), as amended, the conveyance of the lands, so certified, is hereby approved and the State Highway and Transportation Commissioner is authorized to execute in the name of the Commonwealth a quitclaim deed conveying same to Russell County Board of Supervisors for a consideration satisfactory to the State Right of Way Engineer, subject to such restrictions as may be deemed requisite.

Motion carried.

Moved by Mr. Bacon, seconded by Mr. Humphreys,

that

WHEREAS, in connection with Route 58, State Highway Project 0058-061-110, RW-201, the Commonwealth acquired certain lands from Carlton L. Cutchin and Margruette L. Cutchin by instrument dated October 29, 1984, recorded

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in Deed Book 138, Page 306 in the Office of the Clerk of the Circuit Court of the City of Suffolk; and

WHEREAS, in order to more fully develop the adjacent lands, the adjoining landowner has requested that certain excess land, so acquired, be conveyed; and

WHEREAS, the State Highway and Transportation Commissioner has certified in writing that the land containing 0.402 acre, more or less, and lying northeast of Routes 58 and 189, from a point approximately 90 feet opposite approximate Station 57+58 (Route 58 construction centerline) to a point approximately 65 feet opposite approximate Station 60+25 (Route 58 construction centerline) 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, in accordance with the provisions of Section 33.1-149 of the Code of Virginia (1950), as amended, the conveyance of the land, so certified, is hereby approved and the State Highway and Transportation Commissioner is authorized to execute in the name of the Commonwealth a deed, without warranty, conveying same to the adjoining landowner of record for a consideration satisfactory to the State Right of Way Engineer, subject to such restrictions as may be deemed requisite.

Motion carried.

Moved by Mr. Bacon, seconded by Mr. Humphreys,

that

WHEREAS, in connection with Route 623, State Highway Project 0623-036-116, C-501, the Commonwealth acquired certain lands from Raymond C. Mayer and Mildred C. Mayer by deed dated April 10, 1975, recorded in Deed Book 185, Page 781; Clarence Emory and Fannie L. Emory by deed dated June 21, 1977, recorded in Deed Book 204, Page 393; Flossie Smith Lynch and Wilfred L. Lynch and Luther E. Smith and Fannie Smith by deed dated February 24, 1975, recorded in Deed Book 186, Page 563; and Barbara G. Fisher, et al. by deed dated July 18, 1975, recorded in Deed Book 188, Page 478. These deeds are recorded in the Office of the Clerk of the Circuit Court of Gloucester County; and

WHEREAS, a section of Route 623 was relocated in an eastern direction and serves the same citizens as the old location and has been approved by the State Highway and Transportation Commissioner; and

WHEREAS, at a meeting of the Board of Supervisors of Gloucester County held on the 21st day of April, 1981, a resolution was passed

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abandoning the former right of way location of State Route 623, effective June 2, 1981; and

WHEREAS, the adjoining landowners have requested that the Commonwealth convey to them portions of excess right of way, so acquired, in order to more fully develop the adjacent properties; and

WHEREAS, the State Highway and Transportation Commissioner has certified in writing that the lands lying west of the west normal right of way limits of Route 623, from a point approximately 30 feet opposite approximate Station 317+90 (Route 623 centerline) to a point approximately 30 feet opposite approximate Station 326+00 (Route 623 centerline), containing 1.80 acre, more or less, do not constitute sections of the public road and are deemed by him no longer necessary for the uses of the Secondary System of State Highways.

NOW, THEREFORE, the conveyance of the said land, in accordance with the provisions of Section 33.1-154 of the Code of Virginia (1950), as amended, is approved and the State Highway and Transportation Commissioner is hereby authorized to execute in the name of the Commonwealth deeds without warranty conveying same to the adjacent landowners of record for considerations satisfactory to the State Right of Way Engineer and subject to such restrictions as may be deemed requisite.

Motion carried.

Moved by Mr. Bacon, seconded by Mr. Humphreys,

that

WHEREAS, in connection with Route 609, State Highway Project 1316-10-11, the Commonwealth acquired certain lands from Dan Baker, et al, by Omnibus Deed dated January 29, 1953, recorded in Deed Book 157, Page 46; and in connection with Project 0606-016-144, C-501, from Edgar Lee Nealon and Gisela Nealon by deed dated February 6, 1985, recorded in Deed Book 291, Page 253. These deeds are recorded in the Office of the Clerk of the Circuit Court of Caroline County; and

WHEREAS, a section of Route 609 was relocated in a western direction and serves the same citizens as the old location; and

WHEREAS, at a meeting of the Board of Supervisors of Roanoke County held February 26, 1986, a resolution was passed abandoning a portion of old Route 609, effective May 6, 1986; and

WHEREAS, the adjoining landowner has requested that the Commonwealth convey the excess land lying east of the east normal right of way limits of Route 609 to him in order that he may more fully utilize the adjacent property; and

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WHEREAS, the State Highway and Transportation Commissioner has certified in writing that the land lying east of the east normal right of way limits of Route 609, from a point approximately 35 feet opposite approximate Station 11+00 (Route 609 revised centerline) to a point approximately 30 feet opposite approximate Station 14+50 (Route 609 revised centerline), containing 0.385 acre. more or less, does not constitute a section of the public road and is deemed by him no longer necessary for the uses of the Secondary System of State Highways.

NOW, THEREFORE, the conveyance of the said land, so certified, in accordance with the provisions of Section 33.1-154 of the Code of Virginia (1950), as amended, is approved and the State Highway and Transportation Commissioner is hereby authorized to execute in the name of the Commonwealth a deed without warranty conveying same to the adjoining landowner of record for a consideration satisfactory to the State Right of Way Engineer, subject to such restrictions as may be deemed requisite.

Motion carried.

Moved by Mr. Bacon, seconded by Mr. Humphreys,

that

WHEREAS, in connection with Route 23, State Highway Project 6023-052-102, RW-201, the Commonwealth acquired certain lands from Milo M. Penley and Eva Penley by deed dated March 21, 1968, recorded in Deed Book 213, Page 283 in the Office of the Clerk of the Circuit Court of Lee County; and

WHEREAS, in order to more fully develop the adjacent lands, the adjoining landowner has requested that the excess lands, so acquired, lying adjacent to his property be conveyed to him; and

WHEREAS, the State Highway and Transportation Commissioner has certified in writing that the land containing 0.17 acre. more or less, land, and lying south of and adjacent to the south normal right of way limits of Route 23, from a point approximately 48 feet opposite approximate Station 477+00 (Route 23 NBL centerline) to a point approximately 48 feet opposite approximate Station 479+80 (Route 23 NBL centerline) 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, in accordance with the provisions of Section 33.1-149 of the Code of Virginia (1950), as amended, the conveyance of the land, so certified, is hereby approved and the State Highway and Transportation Commissioner is authorized to execute in the name

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of the Commonwealth a deed without warranty, conveying same to the adjoining landowner of record for a consideration satisfactory to the State Right of Way Engineer, subject to such terms and restrictions as may be deemed requisite.

Motion carried.

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Moved by, Mr. Bacon, seconded by Mr. Smalley, that

WHEREAS, Section 33.1-221 of the Code of Virginia provides a fund to "... be expended by the Board 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 to publicly owned airports;"; and

WHEREAS, The Greene County Board of Supervisors has, by resolution, requested Industrial Access Fund to serve Nimbus Records Limited to be located in Greene County, and said construction is estimated to cost \$206,000; and

WHEREAS, it appears that this request falls within the intent of Section 33.1-221 and has complied with the provisions of the Highway and Transportation Board's policy on the use of Industrial Access Funds.

NOW, THEREFORE, BE IT RESOLVED, that \$206,000 of the Industrial Access Fund be allocated to provide adequate access to the proposed facility of Nimbus Records Limited by the reconstruction of Route 629 from Route 743 to 0.65 mile west of Route 743 in Greene County, Project 0629-039-142, M-501, contingent upon:

1. all necessary right of way and utility adjustments being provided at no cost to the Industrial Access Fund;
2. documentary evidence that an industry with eligible capital outlay exceeding \$2,060,000 is or will be located and served by the proposed project; and
3. all project costs exceeding \$206,000 being funded by the Secondary Improvement Funds of Greene County.

Motion carried.

Moved by Mr. Musselwhite, seconded by Dr. Howlette, that,

WHEREAS, Section 56-451.2 of the Code of Virginia declares it to be in the public interest that access railroad tracks and facilities be constructed to certain industrial and commercial sites; and

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WHEREAS, Section 1-117, Item 630, of the 1986-88 Appropriations Act allows funds which are or may be made available to be expended for industrial access railroad tracks and facilities to serve new or substantially expanded industrial or commercial businesses; and

WHEREAS, the Spotsylvania County Board of Supervisors has, by resolution, requested Industrial Access Railroad Track Funds to serve A. Smith Bowman Distillery, Allied Plywood Corporation, and others, located within the Spotsylvania County Industrial Park, which is estimated to cost \$143,408; and

WHEREAS, it appears that this request falls within the intent of Section 56-451.2 and has complied with the provisions of the Highways and Transportation Board's policy on the use of Industrial Access Railroad Track Funds,

NOW, THEREFORE, BE IT RESOLVED, that the Board recommends to the Governor, through the Secretary of Transportation and Public Safety, that \$143,408 of the Highway Maintenance and Construction Fund be provided to rehabilitate existing track and construct new track to serve A. Smith Bowman Distillery, Allied Plywood Corporation, and others, located in Spotsylvania County Industrial Park, contingent upon:

1. all necessary right of way and utility adjustments being provided at no cost to the Commonwealth, and
2. \$143,408 being allocated as the industrial rail access grant, with all other costs being borne by Spotsylvania County and others.

Motion carried.

On July 17, 1986, the State Highway and Transportation Board passed a resolution which redefined the restricted periods for the I-66 HOV Facility (between the Capital Beltway (I-495) and Lynn Street in Northern Virginia) as Monday through Friday eastbound, 6:30 a.m. to 9:00 a.m., and westbound from 4:00 p.m. to 6:30 p.m. This change became effective August 4, 1986. The restricted occupancy rate was maintained at 3 or more persons per vehicle. As part of the resolution, the Board specified that "the Department monitor the traffic flow during the restricted period and report to the Board in October and periodically thereafter any changes in traffic pattern that would indicate a need for further adjustment to the operating strategies."

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Mr. J. G. Ripley, Director of Planning and Programming, presented the report to the Board. The following is a summary of the Department's findings.

"The operation of the I-66 high occupancy vehicle facility (HOV) in Northern Virginia is extremely controversial. There are those who are currently in car pools who want strict enforcement and extended hours of the HOV restrictions. Others, who drive single occupant vehicles, want no restrictions with total freedom of access to this facility. There are also those drivers who support the concept of HOV facilities but due to their particular situation are unable to carpool. This can be because of day care problems, vehicle size, inflexible work hours, handicaps, etc.

The I-66 HOV facility was constructed with the idea in mind to improve traffic flow in the corridor by encouraging car pooling through travel time incentives. Since its opening, several occupancy rates and restricted periods have been implemented and evaluated. Each evaluation has shown that 1) the level of service is unacceptable before and after the restricted periods and during the fringe 15 minute period, 2) there continues to be a significant percentage of the traffic during the restricted periods that have less occupants than the permitted rate, and 3) other than the fringe periods, the facility could handle additional vehicles at an acceptable level of service during the restricted periods.

The establishment of occupancy rates and restricted periods needs to be a dynamic process. There is little investment required to change signs and to inform the public. It is therefore imperative that the Department make the best utilization of this facility. This requires periodic evaluation and changes in the operation if warranted.

Several of the initial objectives, however, need to be maintained during this process. These are:

1. Travel time incentives must be maintained for carpools.
2. Occupancy rates must be set that will maximize the person movement while maintaining an acceptable level of service and minimize the total number of vehicles using the facility. This rate should encourage maximum utilization at an acceptable level of service.

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3. Occupancy rates and restricted periods must be set to maintain a level of service "C" or better during the restricted period. Exceptions may be made for the fringe 15 minute periods.

4. Strict enforcement of the restrictions must be made for public acceptance and maximum utilization.

The current operation of this facility has been successful in terms of providing a travel time incentive for car pools, of maintaining a desirable level of service during most of the restricted period, and by moving a large number of people in a relatively few number of vehicles.

During the morning restricted period of 6:30 a.m. to 9:00 a.m., there are approximately 4,100 vehicles (data derived from Table 4, page 10) utilizing this facility with 13,000 occupants. This equates to an average occupancy rate of 3.1 persons per vehicle. On an equivalent facility without HOV restrictions, and assuming a typical occupancy rate of 1.3 persons per vehicle, you would need a capacity to serve 7,700 vehicles. During many of the 15 minute time periods, this additional capacity requirement would decrease the level of service from B to D.

Approximately 4,700 vehicles with 14,800 occupants utilize this facility in the 4:00 p.m. to 6:30 p.m. restricted period with an average vehicle occupancy rate of 3.1 persons per vehicle. The occupancy rate is higher in the p.m. peak hour (4:45 p.m. - 5:45 p.m.). With 7,300 occupants in 2,000 vehicles, the occupancy rate is 3.7 persons per vehicle. With a 3.7 occupancy rate, you need to serve only one-third the number of vehicles compared to a 1.3 occupancy rate to move the same number of people. It is this encouraging relationship that provides the impetus to maintain a travel time incentive for car pools."

The Board agreed to the Department's recommendations that the hours of operation and occupancy rate remain the same and the Department would continue to monitor the operation. The next report is due in April 1987.

Mr. Ripley presented the following interim report on the Route 44 HOV Lanes, City of Virginia Beach, to the Board.

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"On August 21, 1986, the Highway and Transportation Board designated the left lanes adjacent to the median on the Virginia Beach Expressway (Route 44) for use by emergency vehicles, buses, and high occupancy vehicles occupied by three or more persons (HOV-3) during the following time periods: Monday through Friday, excluding holidays, westbound 6 a.m. to 9 a.m., and eastbound 3 p.m. to 6 p.m. Also, the Board requested a report on operations at this October meeting.

On September 24, 1986, the Department opened the HOV-3 lanes on Virginia Beach-Norfolk Expressway (Route 44) eastbound from Newtown Road to the Toll Plaza and westbound from the Toll Plaza to Witch Duck Road. The remaining section between the Toll Plaza and Laskin Road, plus the addition of four toll plazas, are expected to be opened to traffic in January 1987.

Vehicle occupancy counts and travel times for the conventional traffic lanes and the HOV lanes were conducted by the Department on October 7 and 8, 1986. Since the facility has been opened for only three weeks and the segment that is open is very short, it is difficult to draw conclusions from the data. The information gathered from the Department's study is as follows:

Table I
Route 44 Traffic Data Summary
A.M. Peak Period

<u>6-9 a.m.-westbound lanes</u>	<u>Auto Occupancy</u>			<u>Average Speeds</u>	<u>Time Savings</u>
	<u>1-2</u>	<u>3+</u>	<u>Total</u>		
Conventional Lanes	14,551	230	14,781	54 mph	
HOV Lane	97	217	314	57 mph	no significant savings

Table II
Route 44 Traffic Data Summary
P.M. Peak Period

<u>3-6 p.m.-eastbound lanes</u>	<u>Auto Occupancy</u>			<u>Speed</u>	<u>Time Savings</u>
	<u>1-2</u>	<u>3+</u>	<u>Total</u>		
Conventional Lanes	15,725	92	15,817	13 mph	-
HOV Lane	44	114	185	38 mph	8 min. &

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The data at this time are not sufficient to make an analysis of the future use of the Route 44 HOV Lanes. Since a much longer segment is to be opened in January 1987, there may be additional incentive to encourage more vehicles to use the HOV Lanes.

After the next segment of the Route 44 HOV facility is opened, the Department will make further studies on the use of the HOV Lanes. The Department will report the results of these studies to the Board in April 1987."

Mr. Richard L. Walton, Jr., Assistant Attorney General, reported to the Board that the contract had been executed at the consulting firm of North American Locating, Inc., Chatham, Virginia, for subsurface utility designating and subsurface utility locating (test hole) services on a regional basis; Region I - Bristol, Culpeper, Lynchburg, Salem and Staunton Highway Construction Districts. At its meeting in September 1986, the Board passed a resolution authorizing the execution of an agreement with North American Locating, Inc. pending legal resolution of the matter.

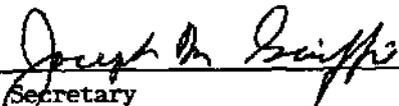
The next regular meeting will be held at the Airfield 4-H Center in Wakefield, Virginia, at 1:00 p.m. on November 20.

The meeting adjourned at 11:20 a.m.

Approved:


Chairman

Attested:


Secretary