

ANNUAL HIGHWAY SAFETY WORK PROGRAM

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compiled and prepared  
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This submission has been prepared by the Safety Section of the Virginia Highway Research Council for the Virginia Highway Safety Division in fulfillment of the requirements of National Highway Safety Bureau (NHSB) Order 2.0201 dated August 9, 1968, and implements NHSB Order 960 -2 dated September 28, 1970 and 23 USC 402 (c).

This work program is the product of numerous meetings of the authors with personnel of the Highway Safety Division and other state agencies, and the efforts of the HSD area coordinators who assisted the state's political subdivisions in detailing their fiscal plans.

In preparing the state's AHSWP it was necessary to require the local highway safety commissions to submit comprehensive highway safety programs in lieu of their regular activities report to the Governor's representative. The local highway safety work programs were prepared by local police chiefs, driver education supervisors, emergency medical services personnel, and many other people who have some part to play in highway safety. The LAHSWP's were submitted in the same format as the state's program and thus required many hours of instruction at the state level.

Six area coordinators of the Highway Safety Division were given extensive training on the preparation of the subelement plans. With the aid of a manual prepared by the Virginia Highway Research Council, which explains Volume 103 of the NHSB's Highway Safety Program manual, the area coordinators assisted political subdivisions in the preparation of their Local Annual Highway Safety Work Programs covering a five-year period.

At present, 20 of the 135 local commissions have completed their LAHSWP's; it is anticipated that a majority of the remaining commissions will have theirs completed prior to the deadline for 1972 federal funding, since political subdivisions can not request Section 402 funds without submitting a LAHSWP.

The AHSWP for Virginia contains a Summary by Standard Area of the Highway Safety Program. This Summary, designated Section II, summarizes total cost of work covered in Part IV of the AHSWP.

The Program Analysis, Section III, has been included to show changes in traffic accidents, deaths, personal injuries, and related property losses. Additional data measures which effectively relate the changing magnitudes of the highway safety problems of the state are included in this section.

A discussion of the subelement plans that utilize federal funds and those that do not is also given in Section III, along with an analysis of political subdivision participation. This analysis shows the amount of Section 402 funds expended by political subdivisions from the inception of the program through the year covered by the AHSWP.

The AHSWP, in subelement plan form, makes up Section IV of the state's comprehensive program. The subelement is the basic planning document. It sets forth current period activities for the subelement in the context of before and after actions for: (1) identifying meaningful measures for output (performance) and effectiveness; (2) analyzing tasks and critical milestones; and (3) identifying all costs associated with the work to be done.

Section V of the state's comprehensive program includes the Federal-aid Highway Safety Work Program Agreement. This agreement is presently being reviewed by the Office of the Attorney General and will be submitted at a later date.



HIGHWAY SAFETY PROGRAM - SUMMARY BY STANDARD			STATE: Virginia DATE: 2/8/71	
STAN DARD CODE	STANDARDS & SUBELEMENTS	TOTAL COST (\$000)	NEW OBLIGATION TOTAL FEDERAL	LOCAL EXPEND
300	Planning and Administration	409.4	245.2	
301	Periodic Motor Vehicle Inspection	368		
302	Motor Vehicle Registration	8,018		
303	Motorcycle Safety	123	61.5	
304	Driver Education			
	High School	12,799	1,674	1,580
	Driver Improvement	40	20	20
	Adult Driver Education	26.5	13.25	
	Driver Education for the Handicapped	41		
	Commercial Driver Education	2	1	
305	Driver Licensing	7,615	352	
306	Codes and Laws	84	42	42
307	Traffic Courts	1,777	299.5	279.5
308	Alcohol and Drugs	245.2	122.6	100.3
309	Identification and Surveil- lance of Accident Locations (cities and towns)	154	41	41
309	Identification and Surveil- lance of Accident Locations (VDH)	412.4		
310	Traffic Records	300	150	
310	Traffic Records (DMV)	1,280	350	

HIGHWAY SAFETY PROGRAM - SUMMARY BY STANDARD				STATE: DATE:
STAN DARD CODE	STANDARDS & SUBELEMENTS	TOTAL COST (\$000)	NEW OBLIGATION	
			TOTAL FEDERAL	LOCAL EXPEND
311	Emergency Medical Services	1,266	230	165
312	Highway Design, Construc- tion and Maintenance Cities - Towns	42,927		
312	Highway Design, Construc- tion and Maintenance - State	367,321		
313	Traffic Control Devices Cities and Towns	7,463	30	30
313	Traffic Control Devices (VDH)	4,239		
314	Pedestrian Safety	119	59.5	59.5
315	Police Traffic Safety Cities and Towns	24,124	545	545
315	Police Traffic Safety State	12,817	151	
316	Accident Cleanup Cities and Towns	10	5	5
316	Accident Cleanup	281.81	12.9	
	TOTAL	494.755.4	4,405	2,867

## PROGRAM ANALYSIS

It is extremely difficult to analyze the Virginia Highway Safety Division's program for administration of the state's comprehensive highway safety plan. Analysis requires criteria, and at present valid measures of the effort devoted to and the effectiveness of the various sponsored activities are not available. It is possible to analyze the effectiveness of new programs through before and after studies or comparisons of experimental and control groups within the same time period, but the evaluation of existing programs is much more difficult. In Virginia the analysis problem is particularly complex because different subelements of the safety program have been initiated at different times; for example periodic motor vehicle inspections were instituted in 1932, driver education courses in 1947, and so on. For these reasons a high priority has been assigned the development of a comprehensive traffic records system that will provide information on the many measures needed for program analysis. As an aid in the development of the records system numerous coverage, output, and effectiveness measures have been included in the subelements for the 1972 AHSWP, though they are unavailable for this year's analysis.

Since evaluation criteria are not available, this program analysis is less than definitive. It is divided into six subsections: The first contains information on the highway activities in the state; the second gives expenditures to date of federal funds on the program in Virginia; the third reflects the highway safety programs not being funded by 402 federal funds; the fourth and fifth show 402 funds being requested for fiscal year 1972, their priorities, the methods for determining priorities, and the impact the funds have had on the state's comprehensive program; and the sixth section of the program analysis includes special projects being developed so that the State of Virginia will be in compliance with the highway safety standards promulgated by the NHSB.

### Highway Activities

The number of vehicle registrations in Virginia increased from 1,613,715 in 1961 to 2,331,088 in 1968. This was an increase of approximately 100,000 registrations per year, and on the basis of the 1961-1968 rate of increase there will be about 2,700,000 motor vehicles registered in Virginia by 1972.

Exhibits 1-5 show the activities of the Virginia Division of Motor Vehicles and the increase in the number of vehicles on Virginia's roads. The information given in tabular form in Exhibit 1 is shown graphically in Exhibits 2, 3, and 4. The second and third exhibits present the change in magnitude and trends in the number of vehicles registered and operator's licenses issued. Graphed on semi-logarithmic paper, Exhibit 4 shows the relative percentage changes in these data. Figures on the convictions, revocations and suspensions in fiscal years 1968 and 1969 are tabulated in Exhibit 5.

The Virginia Department of Highways reports a 0.46 percent increase in roadway mileage from 1968 to 1969 and a 5.22 percent increase in the number of vehicle miles of travel for the same period. These and other pertinent data are shown in the accident summaries constituting Exhibits 6-9. To show the changes in magnitudes and trends in highway mileage, travel and accident data for the period 1960-1969, Exhibits 10-17 were developed. As can be seen the increase in highway mileage has been accompanied by a large increase in the miles of travel (Exhibits 10 and 11). In Exhibits 12-17 it can be seen that while the number of accidents of all types are increasing, the death, injury, and accident rates per 100 million vehicle miles of travel are decreasing or remaining constant. Exhibits 18 and 19 show the relative percentage changes in each of the previously discussed activities.

Correlations between miles of travel and injury and fatal accidents are shown in Exhibits 20-24. Exhibit 24 is plotted on log-log paper and is included to demonstrate the relative percentage changes in the correlations between vehicle miles of travel and various accident data. The straight lines on the graph show the data trends that would result if accidents increased proportionately with miles of travel. As can be seen the increase in travel is much greater than the increase in miles of highways. All accidents are increasing at approximately the same rate or a little faster than is the number of miles of travel. This situation is, of course, one that an effective safety program hopefully will change.

In an attempt to predict the number of vehicle miles of travel for 1970 from past data a computer program using the exponential smoothing technique was used and the output is reproduced as Exhibit 25. In an attempt to determine the mathematical function that best represents the correlation of vehicle miles of travel -- as the independent variable -- and injuries, injury accidents, fatalities, and fatal accidents -- as the dependent variables -- the linear regression technique was used. Exhibits 26-29 are a reproduction of the computer outputs using linear regression to correlate the above variables. In each case the coefficient of correlation is very high. The value predicted in Exhibit 25 was used as the seed value for the projection in each case. The same correlation was performed using the same variables as applicable for each part of the highway system but in most cases the coefficient of correlation was too low for any confidence to be placed in the results, so the results are not included in this analysis.

Projections of the vehicle miles of travel for 1970-1974 were obtained from the Highway Department. These projections were then used as seed values in the formulas previously generated. The 95% confidence interval was calculated and the results are shown in Exhibit 30.

The projections found in Exhibit 30 will be used to measure the success of the total program until better traffic records and effectiveness measures are implemented. This use, of course, is based on the assumption that if the actual values are below the predicted values then the program is effective. As has been stated before, this is not an acceptable measure and the plans for correcting the deficiency and obtaining meaningful measures can be found in the subelement plans.

#### Expenditure of 402 Federal Funds for Highway Safety in Virginia

The distribution of federal funds from the inception of the program in Virginia is found in Exhibits 31-34. For all years, with the exception of the first year, more than 40% of the federal funds have been spent by the political subdivisions. The exception in the first year was approved by the National Highway Safety Bureau.

#### Highway Safety Programs not Involving Section 402 Funds

Virginia's AHSWP submission contains subelement plans covering all aspects of highway safety, regardless of whether they involve Section 402 funding. The SEP's included in the submission that do not involve 402 funding are: Standard 301 -- Periodic Motor Vehicle Inspection, which is funded totally by state funds in the amount of \$368,000; 302 -- Motor Vehicle Registration, \$8,018,000 state funds; 304 -- Driver Education for the Handicapped,

\$41,000 state funds; 309 — Identification and Surveillance of Accident Locations, \$412,400 state funds; 312 — Highway Design, Construction and Maintenance (VDH), \$367,321,000 state and federal highway funds; 312 — Highway Design, Construction and Maintenance (cities and towns), \$42,927 state and federal highway funds.

In order for Virginia to comply with the highway safety standards promulgated by the NHSB it is anticipated that 402 federal funding requests will be made in all standard areas by 1975.

#### Program Priorities

A total of \$4.4 million of federal funds have been programmed for spending in fiscal 1972, but it has been recognized that less than this amount will probably be allocated by NHSB. Accordingly, it has been incumbent upon the administrators of the Virginia Highway Safety Division to establish program priorities so that such funds as are made available can be employed in areas that will achieve maximum effectiveness. Exhibit 35 shows the programs that have been selected in accordance with the twelve following criteria for funding at ten separate funding levels. Exhibit 35 shows what Virginia intends to allocate to each standard area depending on the amount of 402 funds received from the federal government. The request schedule in Exhibit 35 will allow the available funds to be distributed on a priority basis much more expeditiously than before. Also local jurisdictions and state agencies can ascertain whether they will receive 402 funding in fiscal year 1972 or will have to wait until fiscal year 1973.

- 1 - Amount of money required and percent of total funds received by state.
- 2 - Predicted accident reductions by types.
- 3 - Return on investment using average accident figures.
- 4 - Accident reductions required to break even.
- 5 - Method proposed for determining the effectiveness of the program in both its management and its impact on highway safety.
- 6 - Probability that the program will be successful.
- 7 - Length of program.
- 8 - Time lag between expenditure of funds and benefit derived.
- 9 - Newness and innovativeness of program by type — will it develop a new technique for promoting highway safety.
- 10 - Short- and long-range impact and fit with goals and objectives of the state's comprehensive program.
- 11 - Percent of the state serviced — volume and coverage.
- 12 - Compliance in particular standard area.

Implementation of Comprehensive Highway Safety Program  
through Subelement Plans

The following is an explanation of how the Commonwealth intends to comply with the 16 Highway Safety Standards utilizing the planning-programming-budgeting systems approach developed by Peat, Marwick, Mitchell and Company. The 16 standard areas will be discussed separately as they relate to this program.

301 - Periodic Motor Vehicle Inspection

Virginia currently conducts a semiannual inspection and meets all inspection requirements under this standard area. However, state funds are being used to continue this program and for the development of an inspection program including more inspectable vehicle items. It is hoped that by fiscal year 1974 402 funding will be used to evaluate the program more effectively.

302 - Motor Vehicle Registration

The Division of Motor Vehicles, which presently controls this standard area, plans the following tasks in complying with the standard: (1) Insure the proper titling of all vehicles and trailers so as to provide records of all legal owners and lienholders; (2) insure proper licensing of all vehicles and trailers in order that accurate and instant identification is available; (3) collect all motor fuel taxes to insure fees for highway construction and maintenance; (4) license all motor vehicle dealers for promoting the interest and protection of the general public; (5) issue permits and collect fees for vehicles operated over the highways under restricted conditions, those which are too large to be licensed; (6) answer all correspondence and furnish file information for the public, and court and law enforcement agencies; (7) insure proper collection of the uninsured motorists fee on registering vehicles that are not insured; (8) establish an electronic data system to process motor vehicle registration transactions and; (9) request legislation requiring the owner to notify DMV immediately upon changing address.

It is believed that with the accomplishment of these tasks, along with the tasks already provided, Virginia will be in full compliance with standard 302 as established by the NHSB.

303 - Motorcycle Safety

The SEP designed for this standard area calls for increased motorcycle safety programs via the news media for not only the motorcyclist but motorcycle passengers, pedestrians, and other motor vehicle operators.



Legislation was enacted in the 1970 General Assembly that requires the wearing of a helmet by both the driver and passenger of a motorcycle.

It is felt that upon completion of the programs as proposed in the SEP Virginia will be in full compliance with standard area 303.

If Virginia is funded 40% of the requested funds (see priority chart, Exhibit 35), then 50% of the funds requested for motorcycle safety will be used to implement parts of this subelement plan.

#### 304 - Driver Education

The Highway Safety Act of 1966 requires each state to have a highway safety program that includes comprehensive driver education and training programs.

The SEP's on driver education as shown in the AHSWP are intended for the purpose of offering driver education to everyone who wishes to take it. Only with 402 funding will the state be able to offer a comprehensive driver education program as is shown in the SEP's.

The state priority chart, Exhibit 35, indicates that only a portion of the money scheduled will be needed for the comprehensive program. At the present time it is felt that the state has a greater need in other standard areas if it can be anticipated that only 40% of the requested amount will be funded.

#### 305 - Driver Licensing

The Division of Motor Vehicles, which is in charge of this standard area, plans to continue its existing program and to develop new ones in order to comply with standard area 305. Virginia fails to comply with two parts of this standard area; namely, the issuance of more than one license and the failure to require acceptable proof of date and place of birth in applying for an original license. Presently the DMV is studying these two areas and plans to take the appropriate steps.

The state feels that the driver licensing program is an integral part of the highway safety program and has accordingly included one-third of the requested federal funds within the 40% anticipated funding.

306 - Codes and Laws

The SEP, as developed, is designed to help Virginia comply with this standard area. Presently, Virginia doesn't comply with the standard because all jurisdictions do not have uniform traffic codes and laws. Furthermore, the state does not meet the requirements as stated in the Uniform Vehicle Code.

New legislation and the development of model traffic ordinances for cities and towns are proposed by Virginia to provide full compliance with Standard Area 306. One-hundred percent of the requested funds for this standard area are included within the 40% anticipated funding. See Exhibit 35.

307 - Traffic Courts

In order to bring Virginia into compliance with this standard area it will be necessary to accomplish the following: require all individuals charged with moving hazardous traffic violations to appear in court; establish uniform rules governing court procedures in traffic cases; and publish manuals and guides for administration, court procedures, and accounting.

The SEP has been designed to accomplish the above and also to continue with those activities that are so important in the reduction of deaths on the state's highways. The state intends to request about 16% of the funds needed for this standard area if it is to receive only 40% of the total funds shown on the priority chart, Exhibit 35.

308 - Alcohol and Drugs

The SEP on Alcohol and Drugs included within the state's AHSWP provides legislation lowering the blood alcohol content from 0.15 to 0.10 percent for a conviction of driving under the influence of alcohol and a bill allowing the use of a breath test in addition to a chemical test for presumptive evidence or driving under the influence. In the last session of the General Assembly a bill was passed allowing the use of preliminary breath tests as a screening device for all drivers stopped for suspicion of driving under the influence.

With new legislation and additional equipment, men and program development, Virginia is well on the way to reducing the number of drinking drivers and those using drugs on the highways.

Because of the importance of this program, the state is requesting 75% of the funds shown on the SEP to be funded from the anticipated funding, which is 40% of the total 402 funds requested. See Exhibit 35.

The establishment of multi-discipline surveillance teams, the development of techniques for before and after studies to determine the effectiveness of improvements, the development of effective countermeasures, and the hiring of an engineering consultant are but a few of the tasks provided by the subelement plan for standard area 309. In addition the Virginia Department of Highways has established, through a SEP of its own, new programs for the identification and surveillance of accident locations.

The state is requesting 50% of the total federal funds shown on the SEP from the anticipated 402 funds, as shown in Exhibit 35.

310 - Traffic Records

The Traffic Records Committee, consisting of personnel from the Highway Safety Division, DMV, VDH, State Police, Division of Automated Data Processing and other state and local agencies, is in the process of developing a new traffic records data system for the entire state. The federal funds shown on the SEP's will be used for this purpose. It is hoped that the new traffic records system will enable Virginia to effectively evaluate its comprehensive highway safety program. Because of the importance of this program in the development of the entire AHSWP, this standard area has been assigned number two priority. The amount requested is shown on the priority chart, Exhibit 35.

311 - Emergency Medical Services

The federal funds shown on the SEP will upgrade and/or expand many existing emergency medical service facilities. Without 402 funding, many areas would continue to operate but would lack medical supplies, proper vehicles, and communications equipment so vital to this operation. Credit is given the localities which have progressed independently, that is, with requiring matching funds.

Approximately 85% of the funds shown on the SEP for emergency medical services is being requested from the 40% anticipated 402 funds. See Exhibit 35.

1402

312 - Highway Design, Construction and Maintenance

At the present time no federal funds are being requested for this standard area. The state does, however, intend to request 402 funding in fiscal year 1973 for programs to evaluate highway design, construction, and maintenance.

313 - Traffic Control Devices

Federal funds will be used for the planning and development of programs that will enable compliance with standard area 313. At the present time, the Virginia Department of Highways installs and improves the majority of traffic control devices throughout the state. However, the cities must maintain their own traffic control devices and accordingly, 402 funding is requested for this purpose. See Exhibit 35 for priority funding of this standard area.

314 - Pedestrian Safety

Section 402 funding for pedestrian safety will be used in the development of a comprehensive public information program, the hiring of professional personnel, construction of safety towns, and development of a bicycle safety program. These programs along with existing ones should bring Virginia into compliance with the standards promulgated by the NHSB. See Exhibit 35 for priority of this standard area.

315 - Police Traffic Services

Federal funds being requested through this SEP will be used for the training of policemen, the purchase of additional equipment and the hiring of a specially trained records analyst. The implementation of these tasks and the continuation of existing ones should bring Virginia into compliance with the standard 315 promulgated by the NHSB. See Exhibit 35 for priority funding.

The state of Virginia is requesting federal funds for a review of debris hazard control and cleanup program, and the publication of a manual to be forwarded to all political subdivisions to assure uniform accident cleanup throughout the state. In addition the VDH is requesting federal funds in this area for the installation of ice detectors on bridges.

With the use of federal and state funds, Virginia is in a position to comply with the NHSB standard area 316. Exhibit 35 indicates the funding priority for this standard area.

Special Highway Safety Projects

The development of programs in areas of traffic records, alcohol, and computer programing of the AHSWP is but a small part of the job that needs to be done to reduce the number of people killed each year on our highways.

The Highway Safety Division and the Virginia Highway Research Council are working together in the development of these new projects.

In the field of traffic records, a Traffic Records Committee has been formed. It includes members from the Division of Motor Vehicles, State Police, Virginia Department of Highways, Department of Health, local police departments, Department of Education, the Highway Safety Division, the Highway Research Council and the Division of Automated Data Processing for the state. The main objective of this committee will be to develop a traffic records data system that can be used by all state agencies and that will also provide data to enable more effective measurement of the state's comprehensive highway safety program. It is anticipated that the actual development of the data system will either be contracted to independent consultants or handled by competent personnel from state government.

Virginia intends to spend in the neighborhood of \$350,000 between now and the end of fiscal year 1972, and continue funding of the system with about \$400,000 for fiscal years 1973 and 1974.

An alcohol countermeasures program is the second project being implemented by Virginia. This is in accord with the increasing deaths on our highways caused by the drinking driver. Most experts estimate that in 50% of the state's highway deaths, alcohol is a major factor.

With this fact in mind Virginia has taken several big steps in reducing the number of people killed because of the abusive use of alcohol.

A new law was passed by the 1970 General Assembly that permits a law enforcement officer to offer a suspected drinking driver a preliminary breath test as a screening device for driving under the influence. Even though the preliminary breath test is not permissible as evidence in court, the officers can gain an indication of the driver's condition and can charge him accordingly. The Highway Safety Division is currently asking for approximately \$50,000 for 1971 and \$135,000 for 1972 to fund this program.

In October of 1970 Virginia applied for and received the right to submit a proposal for a \$2,000,000 grant for an Alcohol Safety Action Project to be funded through Section 403 federal funds.

If the proposal is approved, Virginia, along with approximately 30 other states, will have an alcohol countermeasures program designed not only to enforce alcohol related traffic laws, but also to rehabilitate drivers with a drinking problem.

The program initially will be centered in several northern Virginia communities, but the ultimate goal is to establish similar programs throughout the state.

The third project planned for introduction in Virginia is one for the development of a computer based, management information system designed to provide information on all highway safety activities for the state. If such a program is developed, the Highway Safety Division will be in a position to obtain data on any phase of the state's AHSWP. These data will include information on the progress of local projects funded through Section 402 funds, and the state's implementation of the 16 Highway Safety Standards, as well as many other questions being asked by the federal government.

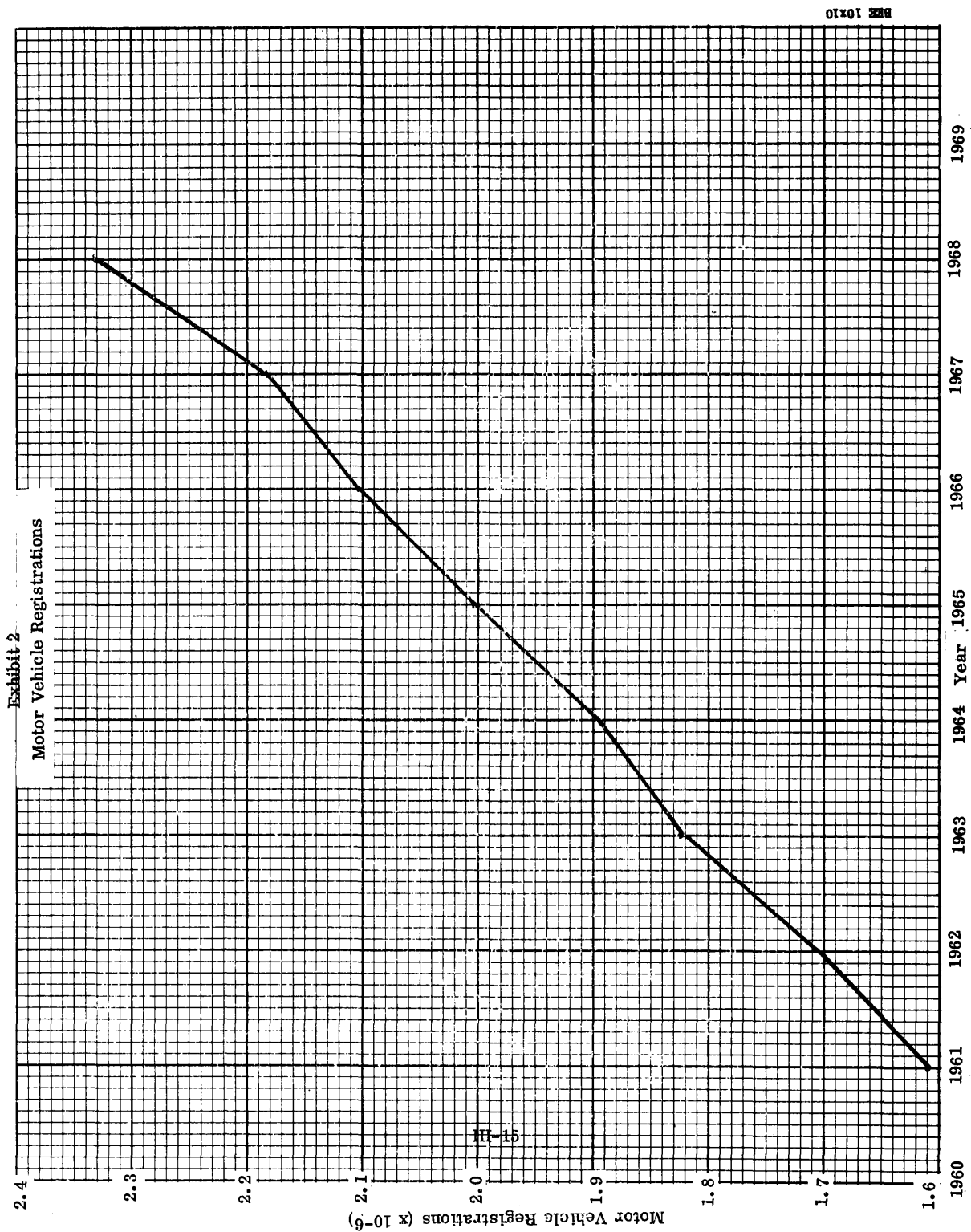
## EXHIBIT 1

## OPERATIONS OF DIVISION OF MOTOR VEHICLES

Year	Motor Vehicle Registrations	Operators' Licenses Issued		
		By Examination	By Renewal	Total
1961	1,613,715	na	na	na
1962	1,709,666	na	na	na
1963	1,824,015	158,192	538,228	696,420
1964	1,895,731	170,779	556,732	727,511
1965	2,038,690	152,145	436,952	589,097
1966	2,104,374	177,056	570,700	747,756
1967	2,181,780	156,887	617,472	774,359
1968	2,331,088	179,094	501,553	680,647
1969	na	180,094	625,954	806,048

na - information not available





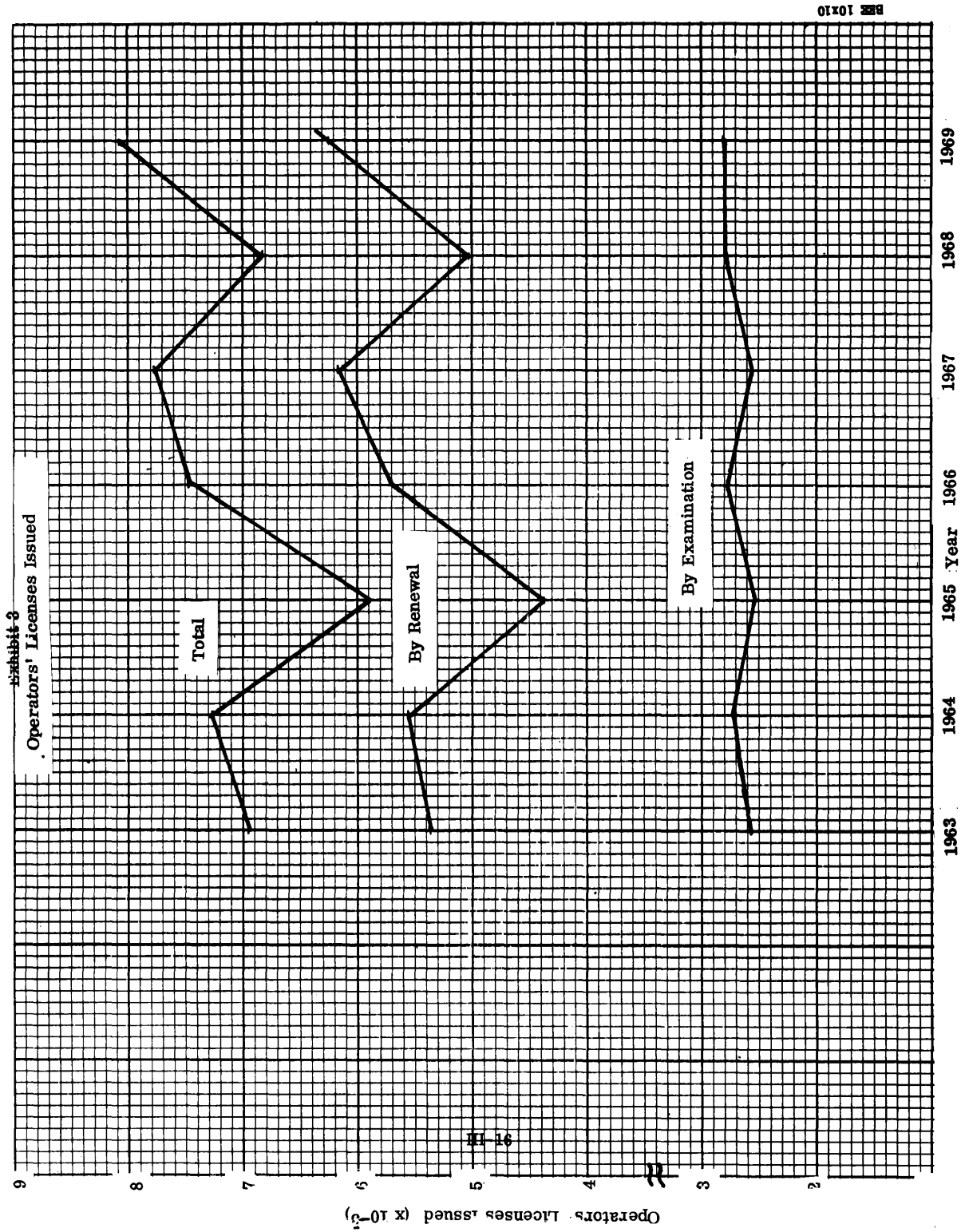
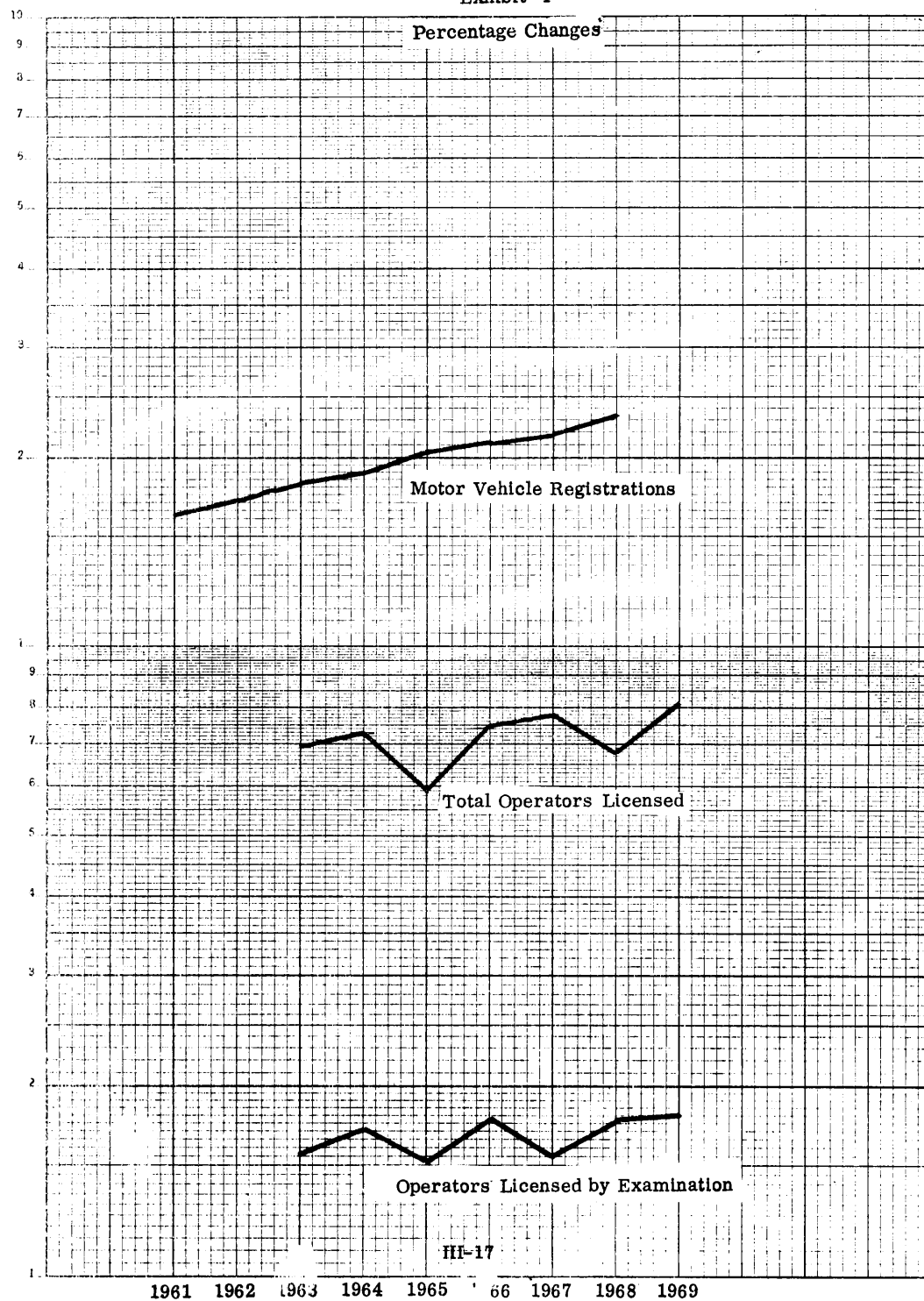


Exhibit 4



## EXHIBIT 5

## STATEMENT OF ACTIVITIES OF THE BUREAU OF SAFETY RESPONSIBILITY FOR FISCAL YEAR 1967 - 1968 AND

FISCAL YEAR 1968 - 1969

## REPORT OF CONVICTIONS, REVOCATIONS AND SUSPENSIONS

REPORTED CONVICTIONS	Fiscal Year 1967 - 1968	Increase or Decrease	Fiscal Year 1968 - 1969	Increase or Decrease
Drunk Driving	7,625	+6.4%	7,843	+ 2.6%
Impaired Driving			817	0%
Reckless Driving	33,763	+11.2%	34,974	+ 3.6%
Habitual Offenders			143	0%
Speeding	163,796	+28.6%	174,585	+ 6.8%
Felonies	269	-6.6%	281	+ 4.4%
Failure to Answer Summons Other State (46.1-179.3)	1,044	+20.8%	972	-6.9%
Other Misdemeanors	186,882	-9.3%	216,778	+16.0%
Total Conviction Reports Received	393,379	+5.7%	436,393	+10.8%
Basic Mandatory Revocation of License because of Conviction	27,342	+65.0%	25,579	-6.4%
Basic Mandatory Suspension of License because of Conviction	2,911	+46.8%	4,290	+47.4%
Mandatory Suspension of License for Failure to File or Maintain Proof of Financial Responsibility	5,576	+ 4.3%	6,662	+19.5%
Mandatory Refusal of License	183	+ 1.7%	68	-62.4%
Total Revocations, Suspensions and Refusal because of Convictions	36,012	+49.6%	36,599	+ 0.2%
Ratio of Persons Convicted of all Traffic Offenses to all Mandatory Revocations	14.4		17.1	
Ratio of Persons Convicted of Speeding to Mandatory Revocations for Two Offenses of Speeding or One Offense of Speeding and One Offense of Reckless Driving	15.4		10.8	
Persons Convicted, Suspended by Courts	14,001		15,031	

## INSURANCE HANDLED

	Fiscal Year 1967 - 1968	Increase or Decrease	Fiscal Year 1968 - 1969	Increase or Decrease
Certificates of Insurance and Cancellation Forms SR 21, SR 22, SR 24, SR 26	322,852	+3.2%	347,454	+ 7.2%

Exhibit 6  
ALL VIRGINIA HIGHWAYS, STREETS AND ROADS\*

YEARS 1960-1969

ACCIDENT SUMMARY BY YEARS

YEAR	LENGTH IN MILES	ANNUAL VEHICLE TRAVEL MILES OF (THOUSANDS)	FATAL ACCIDENTS	PERSONS KILLED	INJURY ACCIDENTS	PERSONS INJURED	PROPERTY DAMAGE ACCIDENTS	TOTAL ACCIDENTS	AMOUNT OF PROPERTY DAMAGE	ECONOMIC LOSS	ACCIDENT RATE	INJURY RATE	DEATH RATE	PEDESTRIANS KILLED (INCL. IN PERSONS KILLED)	PEDESTRIANS INJURED (INCL. IN PERSONS INJURED)
1960	56,581	16,220,600	674	756	18,021	27,402	61,628	80,323	\$21,687,210	\$113,400,000	495	169	4.7	159	2,097
1961	56,882	16,234,000	727	856	19,300	29,237	65,481	85,508	26,652,400	145,520,000	527	180	5.3	157	2,224
1962	56,204	17,018,400	826	974	21,687	33,143	71,538	94,051	30,100,000	175,300,000	553	195	5.7	205	2,343
1963	57,436	18,277,700	820	989	23,088	35,309	74,908	98,816	31,600,000	178,000,000	541	193	5.4	163	2,377
1964	58,404	19,210,100	871	1,050	25,677	39,246	82,788	109,336	35,000,000	189,000,000	569	204	5.5	185	2,520
1965	58,875	20,550,100	881	1,062	26,079	39,263	84,219	111,179	36,000,000	191,000,000	541	191	5.2	163	2,427
1966	59,319	21,640,000	908	1,106	27,761	41,849	87,606	116,275	37,000,000	200,000,000	537	193	5.1	182	2,521
1967	59,781	23,659,000	1,005	1,223	28,743	43,122	81,313	111,061	37,000,000	230,000,000	469	182	5.2	217	2,514
1968	60,428	25,614,000	1,036	1,218	30,146	45,693	89,255	120,437	43,500,000	245,000,000	470	178	4.8	232	2,535
1969	60,705	26,951,000	1,117	1,304	31,846	48,050	98,636	131,599	**	265,000,000	488	178	4.8	241	2,500
PERCENT CHANGE 1969 OVER 1968	+0.46	+5.22	+7.82	+7.06	+5.64	+5.16	+10.51	+9.27		+6.16	+3.83	0	0.0	+3.88	-1.38

\*\*DATA UNAVAILABLE

\*DATA OBTAINED FROM "VIRGINIA TRAFFIC CRASH FACTS" - DEPARTMENT OF STATE POLICE

## Exhibit 7

ACCIDENT SUMMARY BY YEARS      INTERSTATE SYSTEM      YEARS 1960 - 1969

YEAR	LENGTH IN MILES	ANNUAL VEHICLE MILES OF TRAVEL (THOUSANDS)	FATAL ACCIDENTS	PERSONS KILLED	INJURY ACCIDENTS	PERSONS INJURED	PROPERTY DAMAGE ACCIDENTS	TOTAL ACCIDENTS	AMOUNT OF PROPERTY DAMAGE	ACCIDENT RATE	INJURY RATE	DEATH RATE
1960	91.34	332,241	7	7	144	225	362	513	\$ 244,800	154	68	2.1
1961	126.36	409,611	16	21	168	286	442	626	427,200	153	70	5.1
1962	142.86	486,915	9	9	282	442	699	990	654,300	203	91	1.8
1963	216.69	647,580	17	20	320	497	821	1,158	672,200	179	77	3.1
1964	365.70	1,159,540	32	37	536	849	1,284	1,852	1,248,569	160	73	3.2
1965	468.62	2,115,429	52	73	1,014	1,664	2,596	3,662	2,271,200	173	79	3.5
1966	557.21	2,586,804	73	96	1,200	1,984	2,838	4,111	3,089,400	158	76	3.7
1967	626.96	3,123,253	92	118	1,366	2,126	2,958	4,416	4,021,800	141	68	3.8
1968	666.28	3,759,050	89	98	1,600	2,582	3,684	5,373	4,624,627	143	69	2.6
1969	693.78	4,354,250	108	122	1,782	2,913	4,309	6,199	5,255,359	142	67	2.8
PERCENT CHANGE 1969 OVER 1968	+4.13	+15.83	+21.35	+24.49	+11.38	+12.82	+16.97	+15.37	+13.64	-0.70	-2.90	+7.69

## Exhibit 8

YEARS 1960 - 1969

ARTERIAL AND PRIMARY SYSTEM

ACCIDENT SUMMARY BY YEARS

YEAR	LENGTH IN MILES	ANNUAL VEHICLE MILES OF TRAVEL	FATAL ACCIDENTS	PERSONS KILLED	INJURY ACCIDENTS	PERSONS INJURED	PROPERTY DAMAGE ACCIDENTS	TOTAL ACCIDENTS	AMOUNT OF PROPERTY DAMAGE	ACCIDENT RATE	INJURY RATE	DEATH RATE
1960	7,839.68	8,131,487,000	411	472	6,729	11,390	17,980	25,120	\$13,068,300	309	140	5.8
1961	7,782.59	8,261,576,000	425	522	7,210	12,139	18,714	26,349	\$13,054,300	319	147	6.3
1962	7,753.10	8,395,817,000	474	591	8,163	13,727	20,190	28,827	\$14,793,600	343	163	7.0
1963	7,605.65	8,463,857,000	467	593	7,810	13,186	18,868	27,145	\$14,767,400	321	156	7.0
1964	7,606.43	8,283,656,000	462	589	8,447	14,199	20,837	29,746	\$15,984,200	359	171	7.1
1965	7,622.43	8,410,173,000	434	539	8,078	13,234	20,905	29,417	\$16,223,900	350	157	6.4
1966	7,629.87	8,695,925,000	465	569	8,540	13,974	21,386	30,391	\$16,761,400	349	161	6.5
1967	7,643.09	8,983,525,000	492	618	8,797	14,191	20,165	29,454	\$18,204,700	328	158	6.9
1968	7,670.97	9,495,714,000	515	628	9,176	14,950	21,738	31,429	\$19,726,760	331	157	6.6
1969	7,682.12	9,968,172,000	529	638	9,625	15,483	24,463	34,617	\$23,101,690	347	155	6.4
PERCENT CHANGE 1969 OVER 1968	+0.15	+4.98	+2.72	+1.59	+4.89	+3.57	+12.54	+10.14	+17.11	+4.83	-1.27	-3.03

1410

## Exhibit 9

YEARS 1963 - 1969

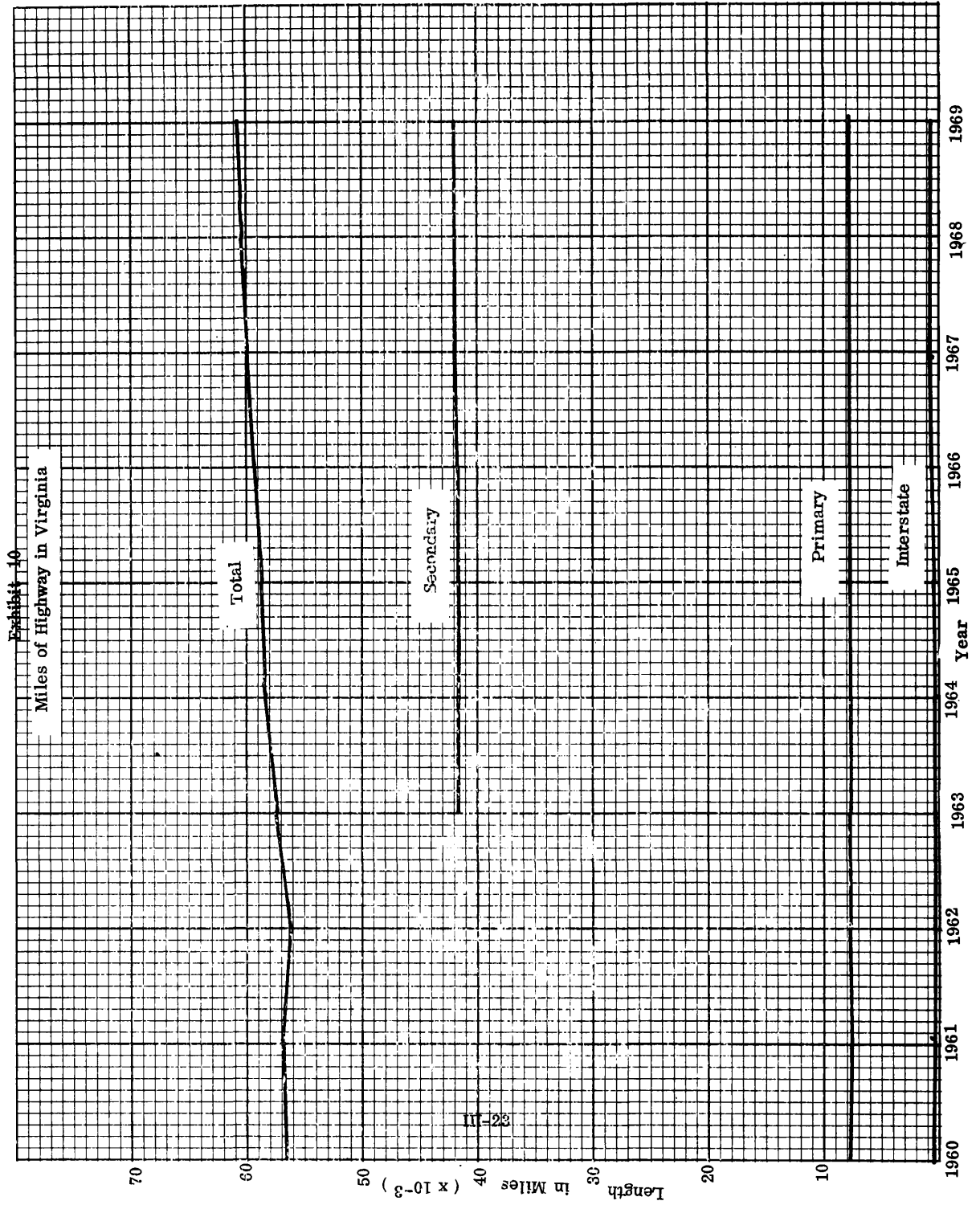
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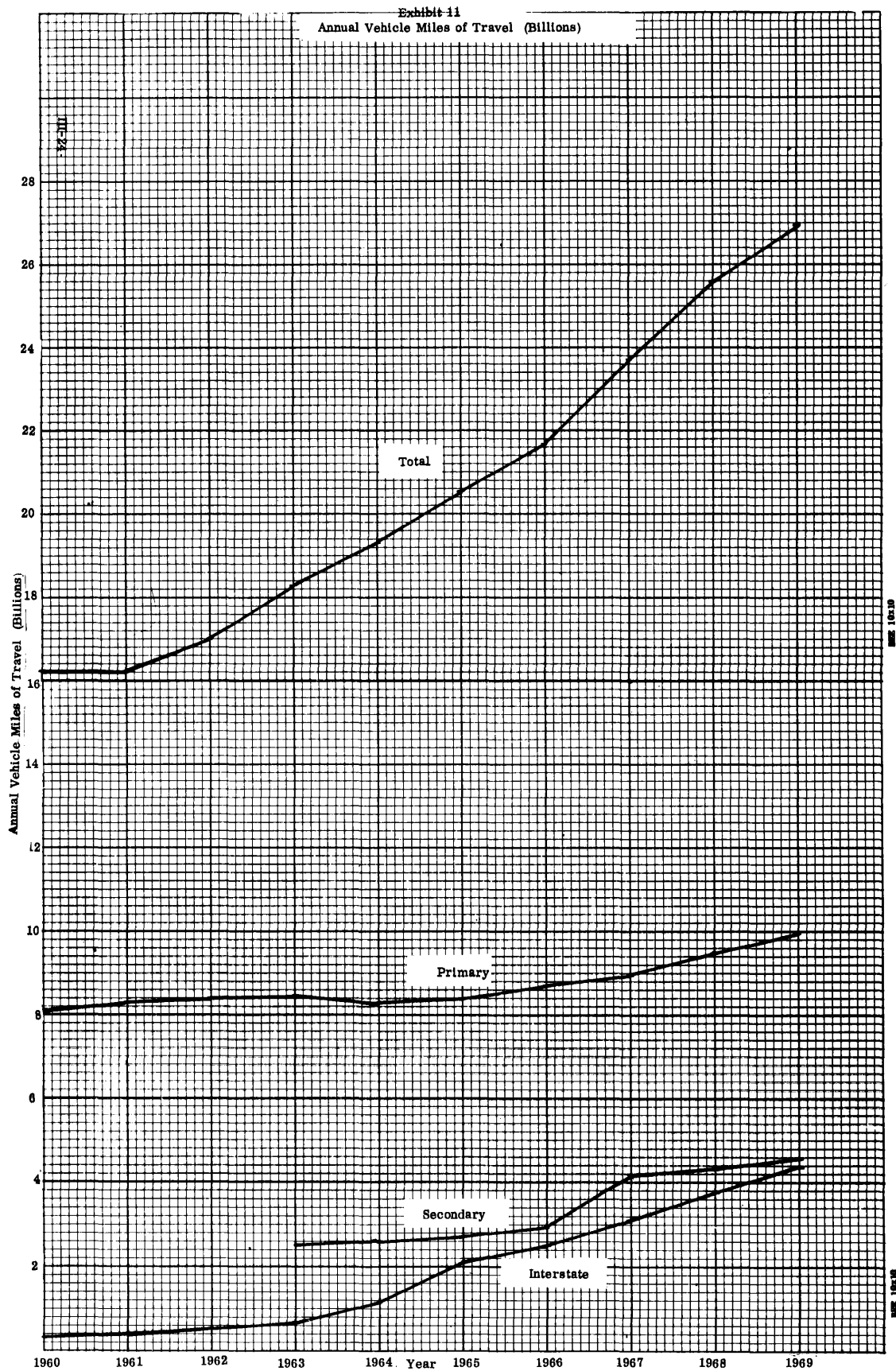
## ACCIDENT SUMMARY BY YEARS

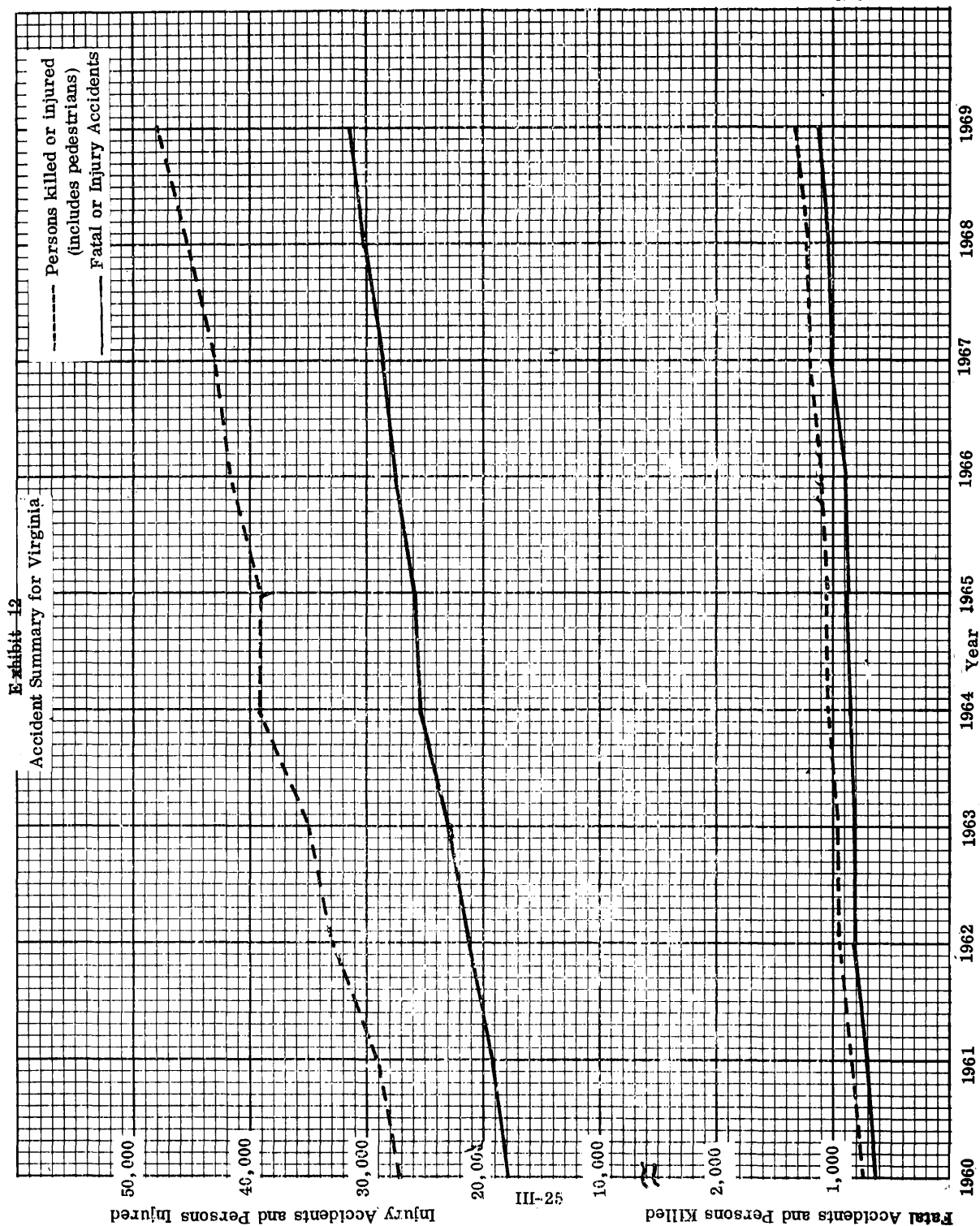
YEAR	LENGTH IN MILES	ANNUAL VEHICLE MILES OF TRAVEL	FATAL ACCIDENTS	PERSONS KILLED	INJURY ACCIDENTS	PERSONS INJURED	PROPERTY DAMAGE ACCIDENTS	TOTAL ACCIDENTS	AMOUNT OF PROPERTY DAMAGE	ACCIDENT RATE	INJURY RATE	DEATH RATE
1963	41,521.42	2,469,416,990	147	166	3,820	5,885	10,363	14,330	\$ 5,624,108	580	238	6.7
1964	41,515.73	2,583,455,765	155	182	4,125	6,183	11,000	15,280	6,087,404	591	239	7.0
1965	41,673.26	2,786,024,925	188	222	4,478	6,748	12,237	16,903	7,047,531	607	242	8.0
1966	41,865.87	2,978,196,330	163	199	4,933	7,390	13,276	18,372	8,011,614	617	248	6.7
1967	41,983.89	3,195,942,920	185	222	5,044	7,579	12,231	17,460	7,956,554	546	237	6.9
1968	41,838.89	3,320,096,109	182	201	5,474	8,110	14,063	19,719	9,915,392	594	244	6.1
1969	41,971.36	3,568,331,131	242	276	5,737	8,500	15,309	21,288	\$11,659,717	597	238	7.7
PERCENT CHANGE 1969 OVER 1968	+3.89	+7.5	+3.3	+3.7	+4.8	+4.8	+8.9	+8.0	+17.6	+5.1	-2.5	+26.2

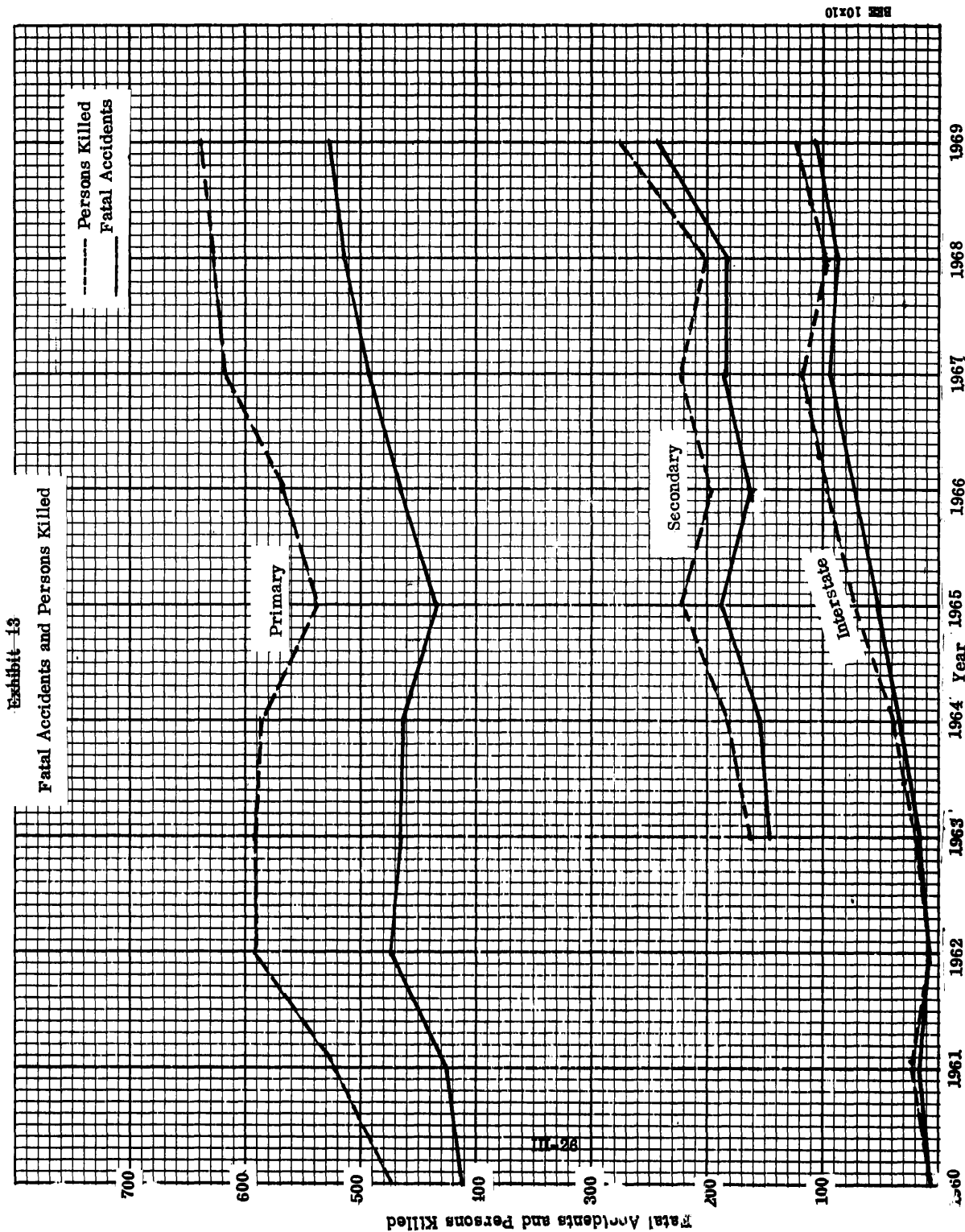


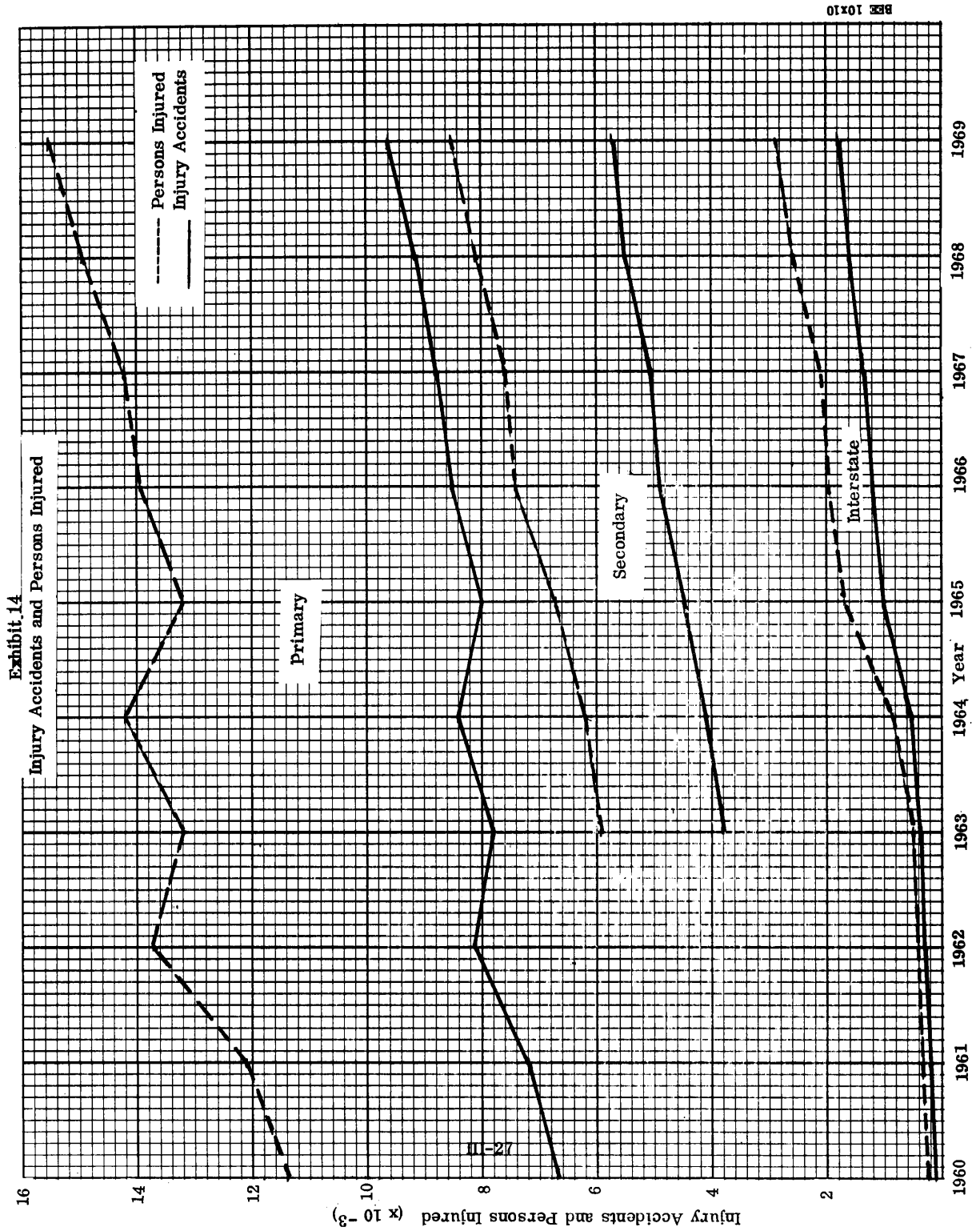
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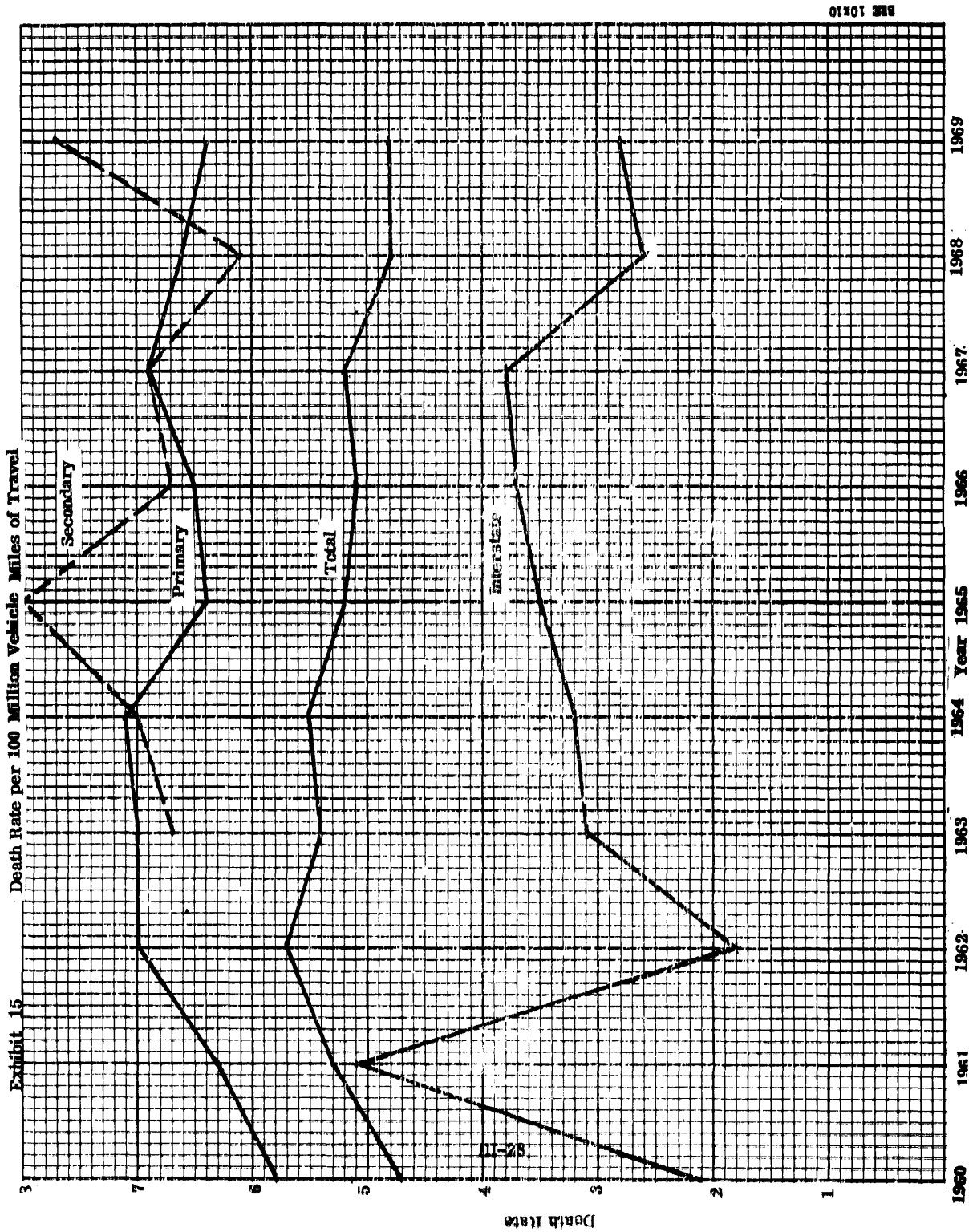


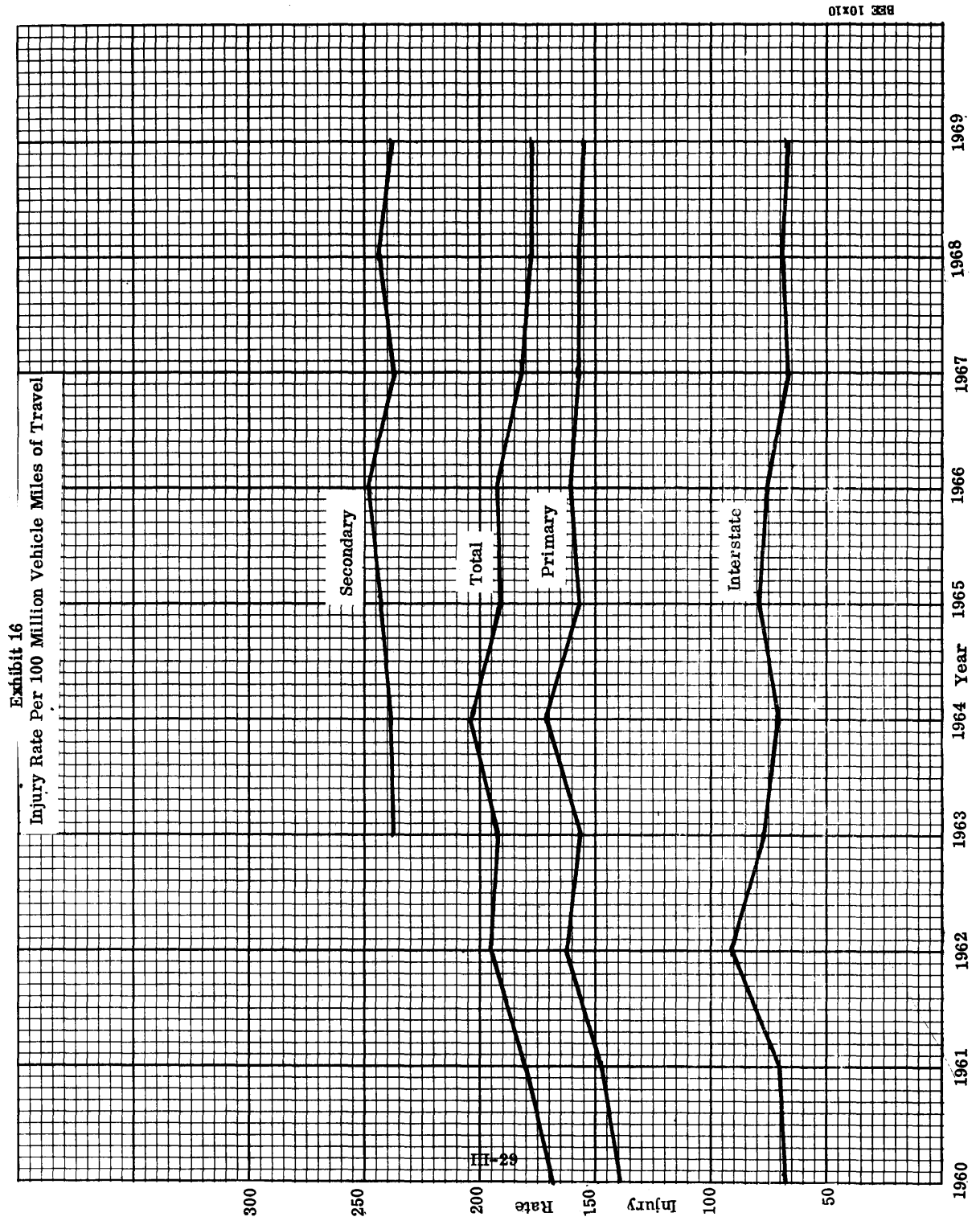












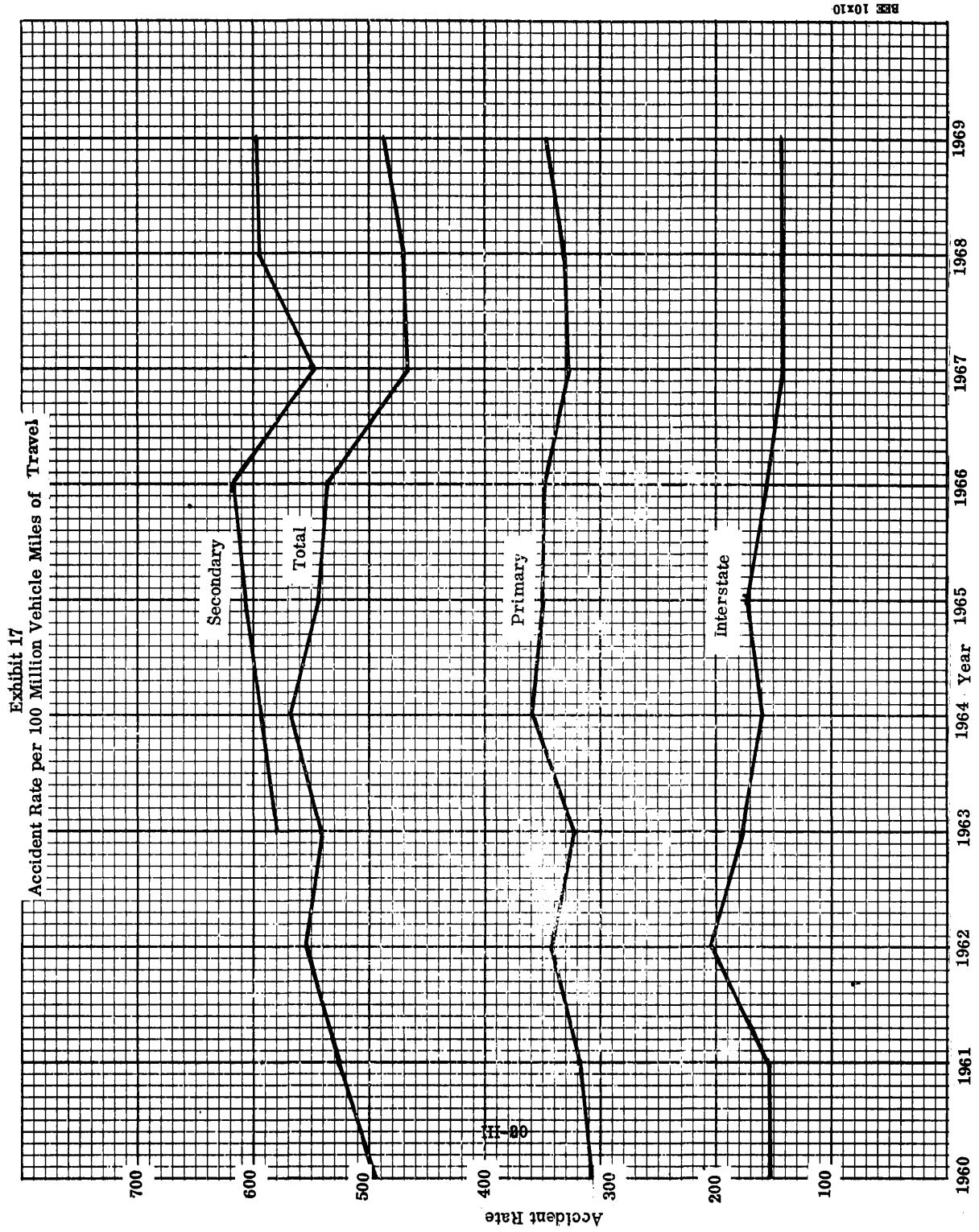




Exhibit 18

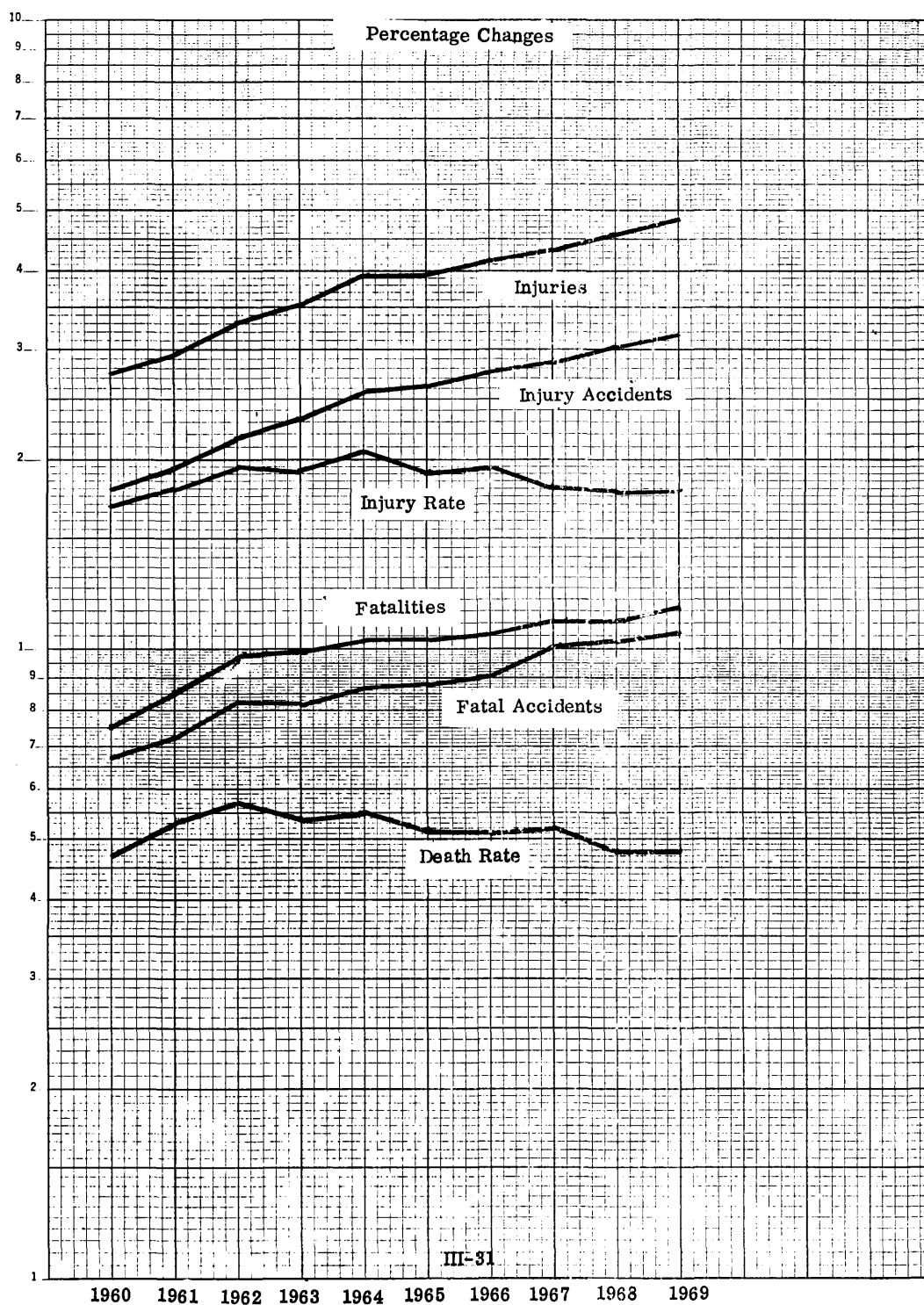
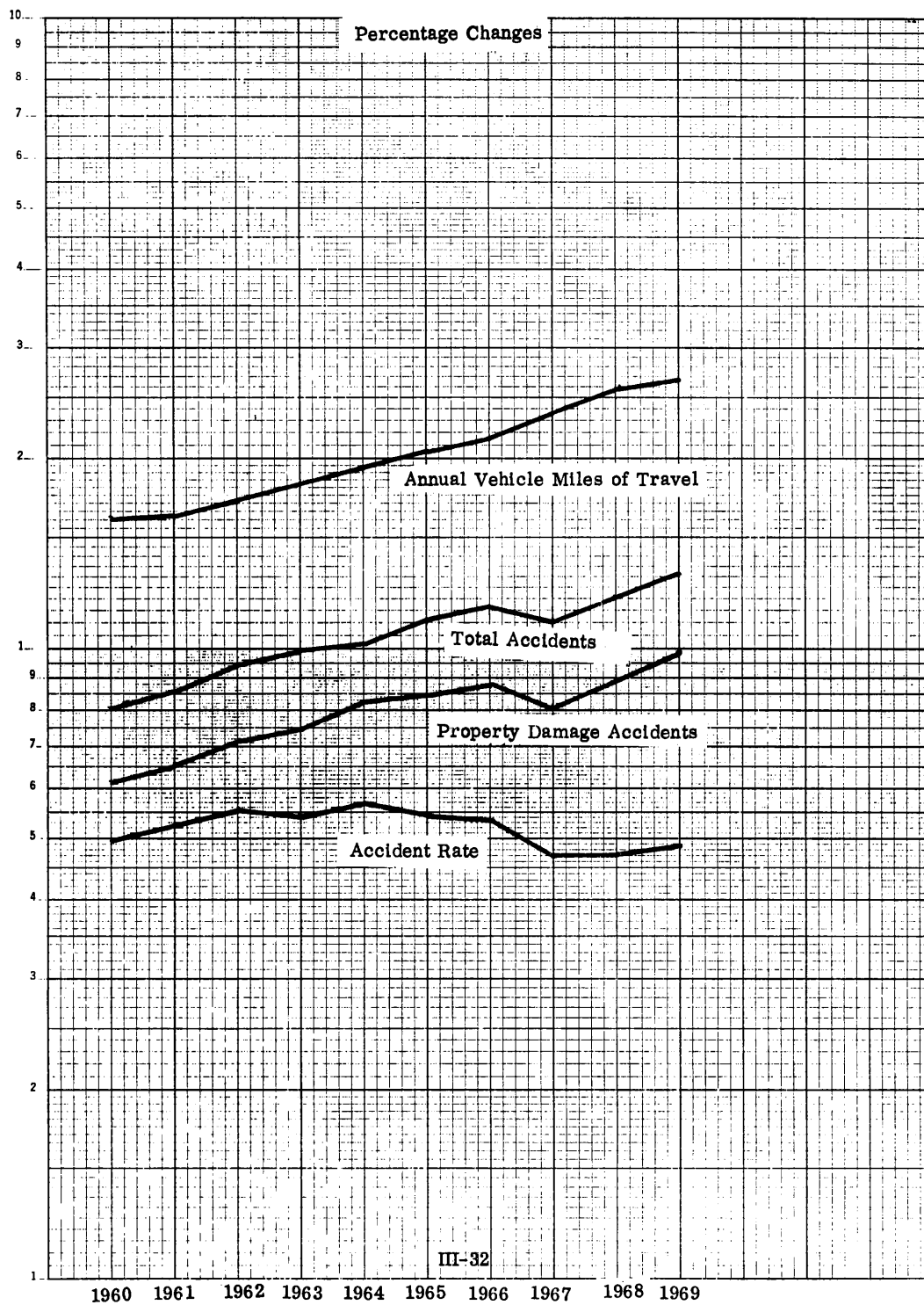
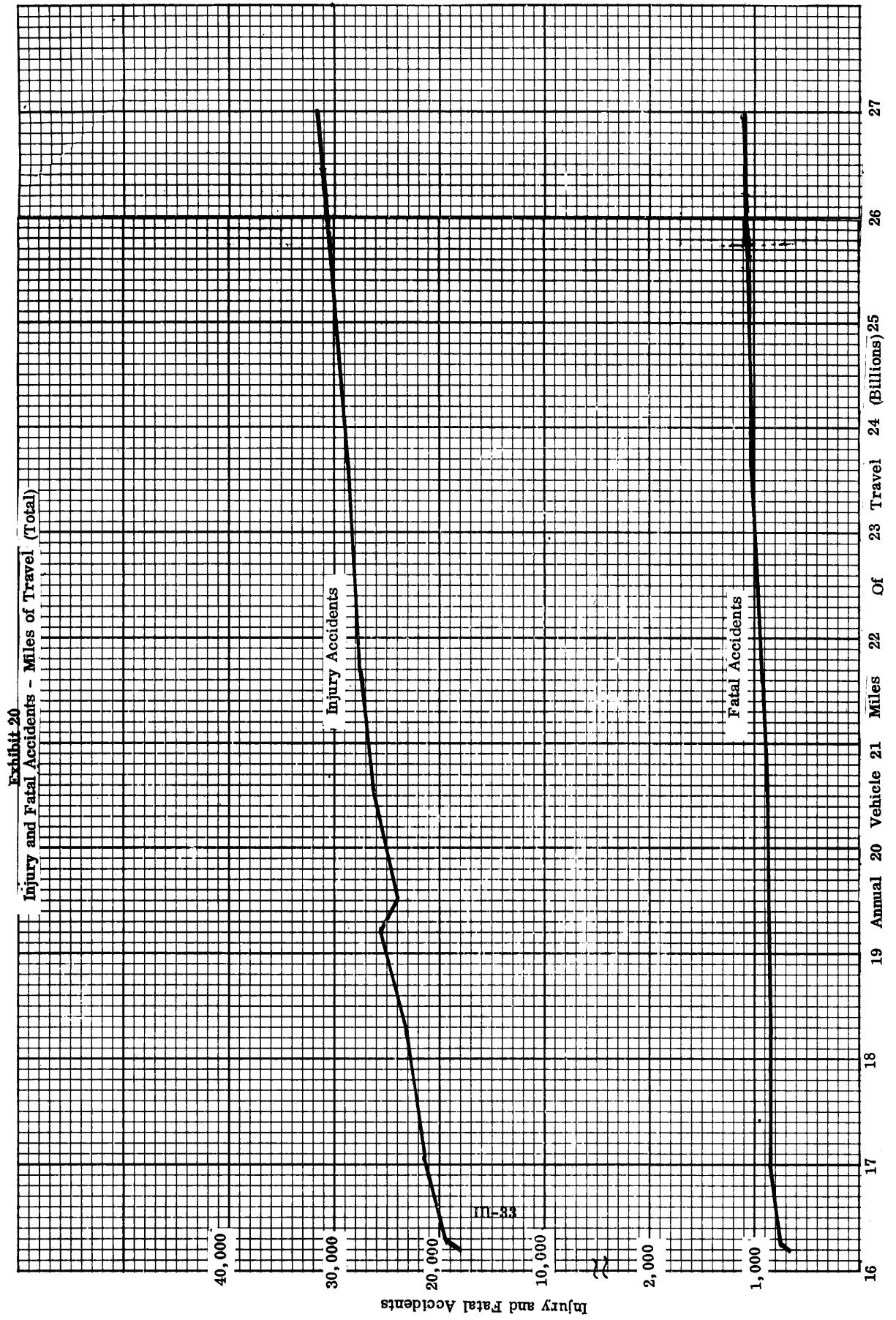
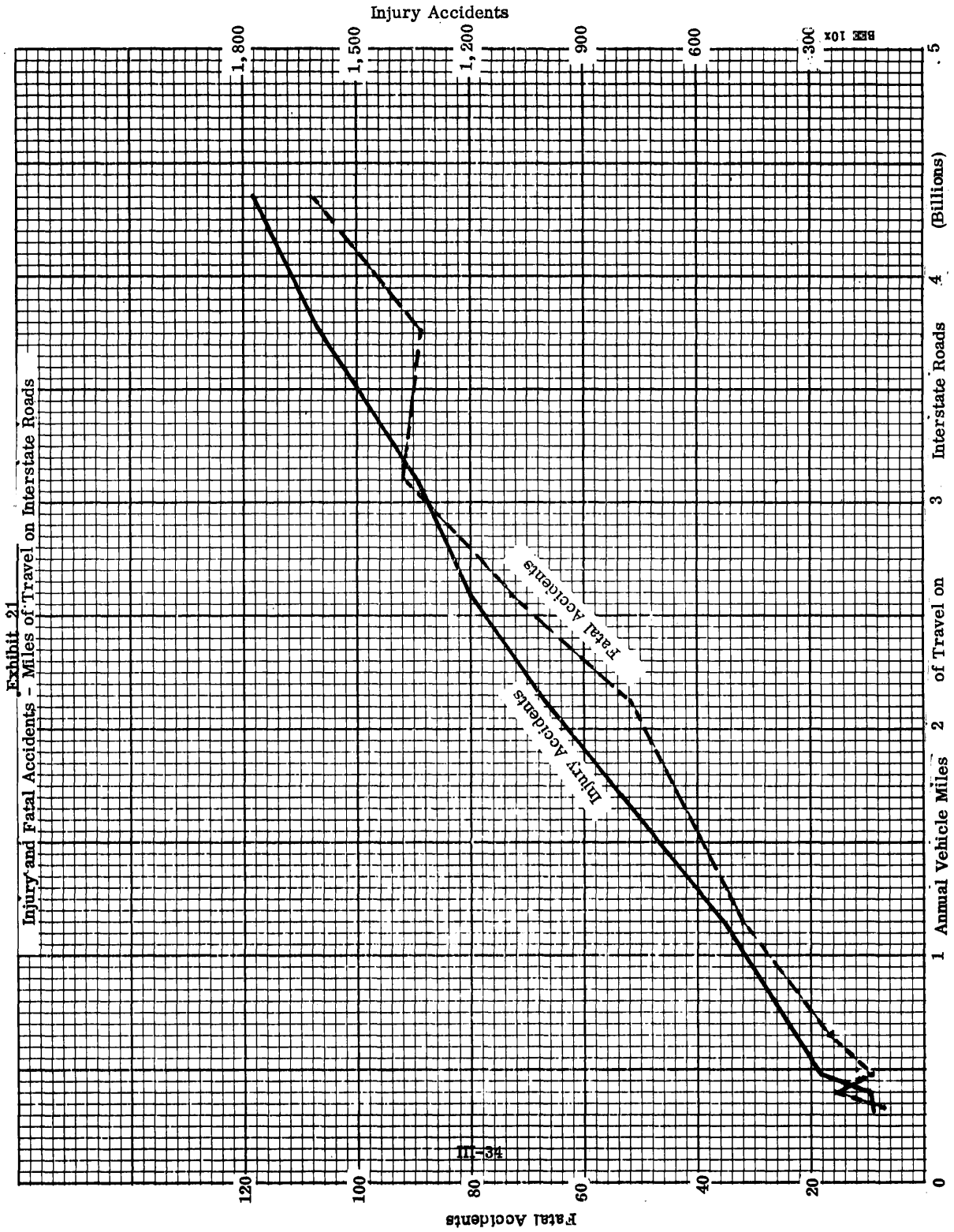
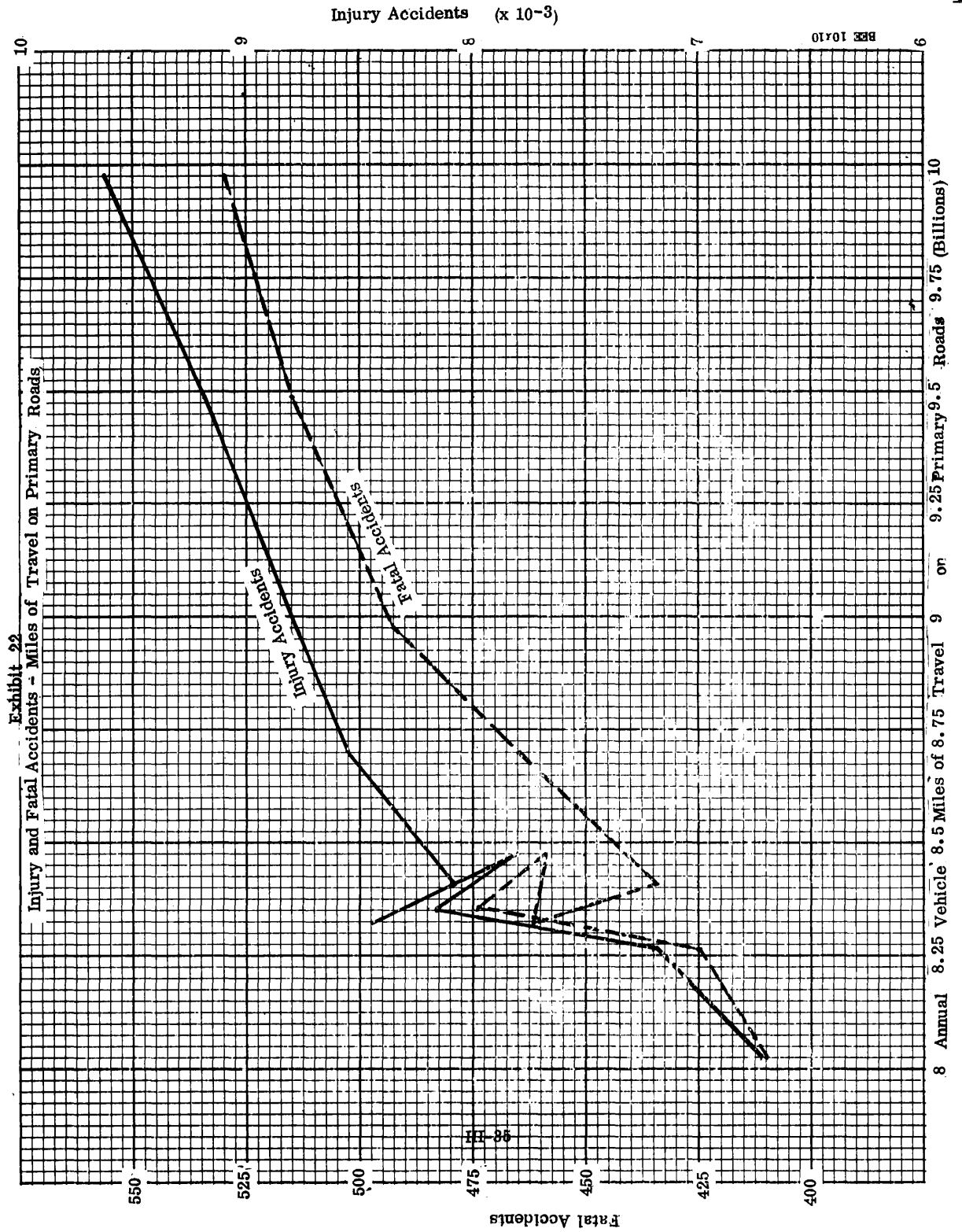


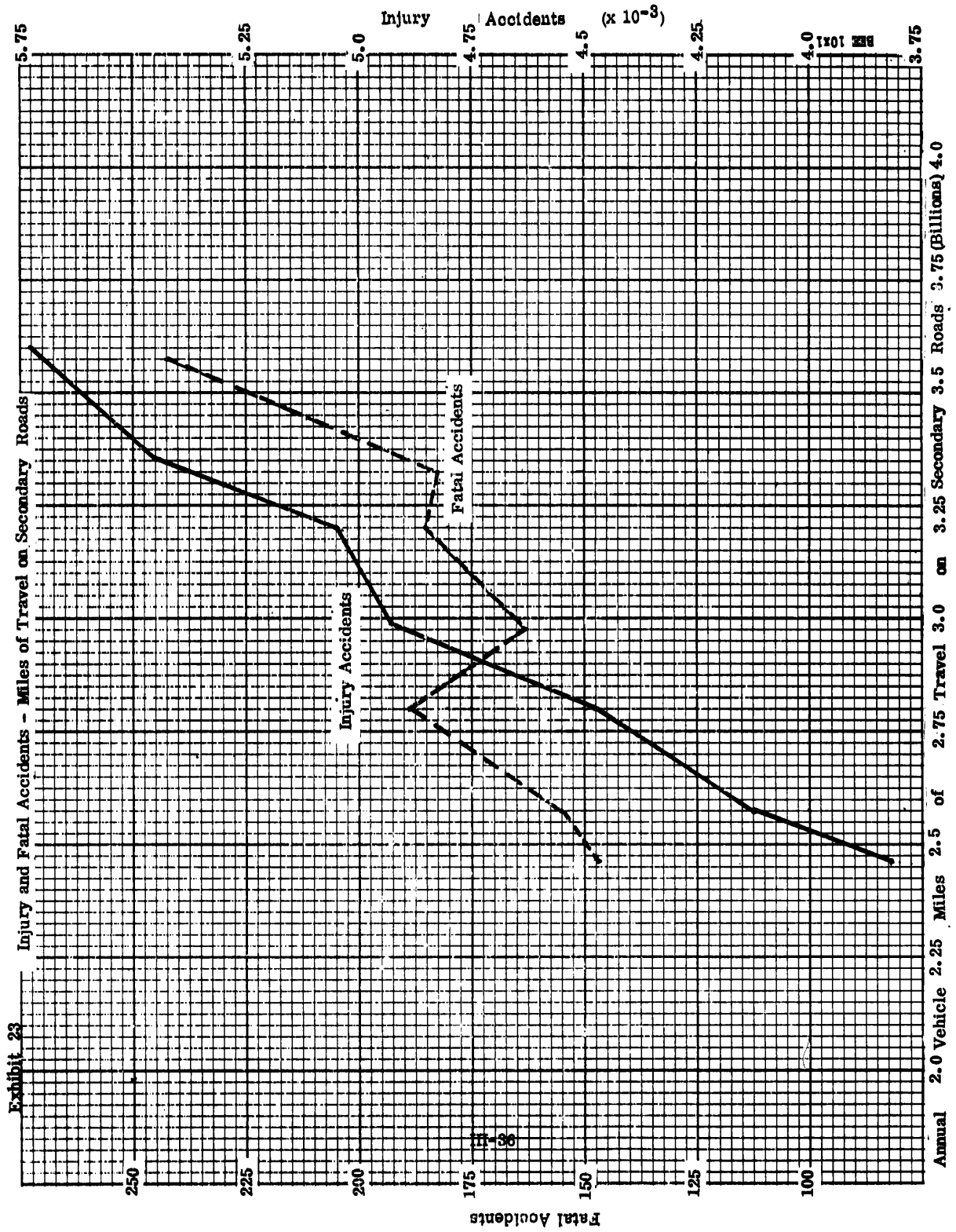
Exhibit 19

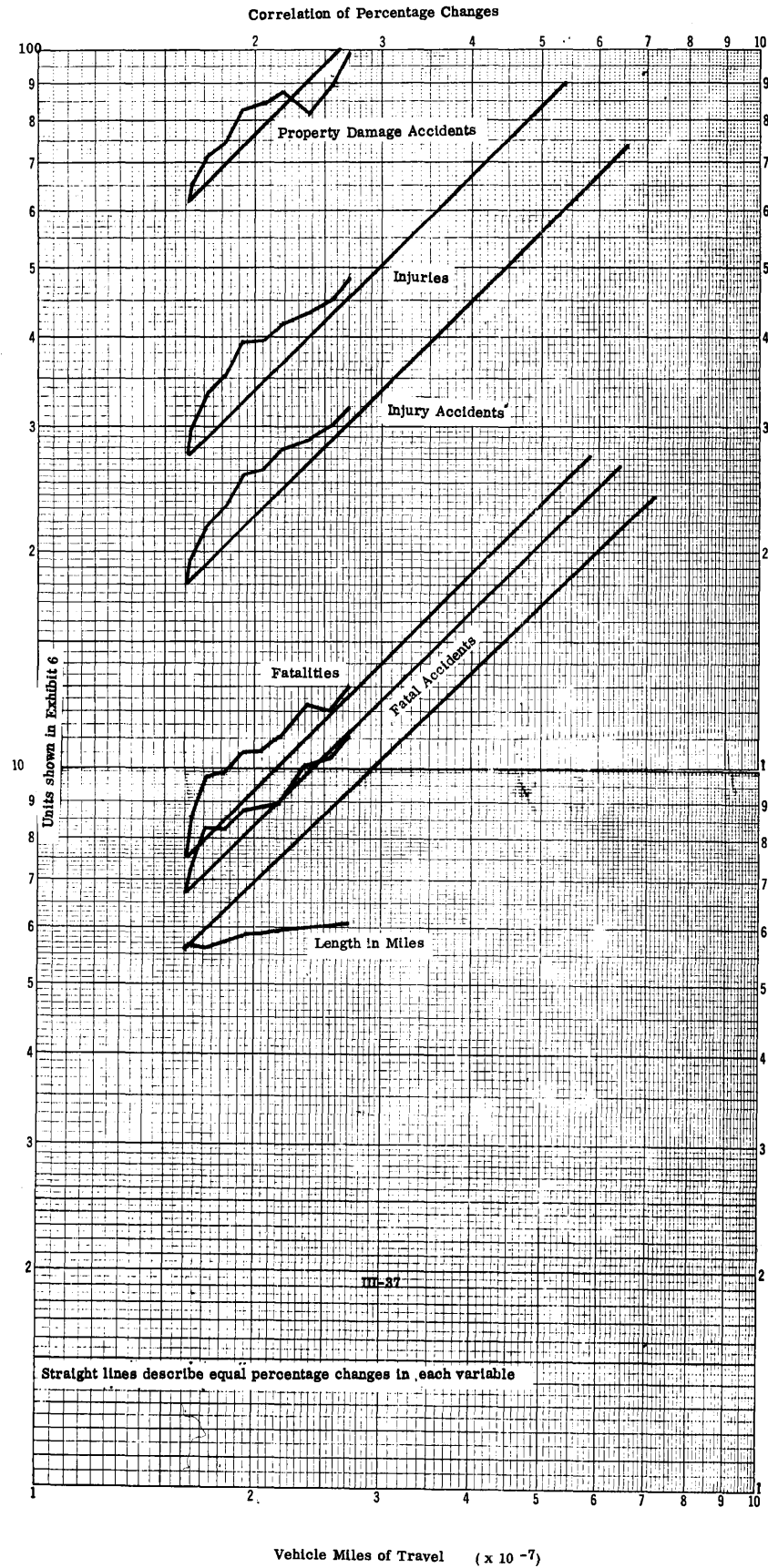












## EXHIBIT 25

PROJECTED VEHICLE MILES OF TRAVEL FOR 1970  
BY EXPONENTIAL SMOOTHING TECHNIQUE

## D O U B L E - S M O O T H E D O

THE SUM OF SQUARED DIFFERENCES FOR THE VALUES OF ALPHA  
FROM .1 TO .7 HAVE BEEN CALCULATED. THE ALPHA VALUE WITH  
THE LOWEST VARIATION FOR THIS SERIES OF DATA IS :

.7 WITH THE VARIATION = 1.66416 E 13

P R O J E C T I O N \*\*[BASED ON BEST ALPHA]

TIME PRD.	CURR DEMD	NEW AVERAGE	CURRENT TREND	NEW TREND	EXPECTED DEMAND
INIT	16220600			0	
1	16220600	1.62206 E 7		-.015625	-1.09375 E-2
	1.62206 E 7				
2	16234000	1.62300 E 7		9380	6566.
	1.62328 E 7				
3	17018400	1.67819 E 7		551894.	388296.
	1.69483 E 7				
4	18277700	1.78290 E 7		1.04708 E 6	849443.
	1.81930 E 7				
5	19210100	1.87958 E 7		966803.	931595.
	1.91950 E 7				
6	20550100	2.00238 E 7		1.22804 E 6	1.13911 E 6
	2.05120 E 7				
7	21640000	2.11551 E 7		1.13134 E 6	1.13367 E 6
	2.16410 E 7				
8	23659000	2.29078 E 7		1.75270 E 6	1.56699 E 6
	2.35794 E 7				
9	25614000	2.48022 E 7		1.89431 E 6	1.79612 E 6
	2.55719 E 7				
10	26951000	2.63063 E 7		1.50419 E 6	1.59177 E 6
	2.69885 E 7				

SUM OF SQUARED DIFFERENCES = 1.66416 E 13

FORECAST FOR PERIOD 11 IS: 2.69885 E 7



## EXHIBIT 26

LINEAR REGRESSION EQUATION OF VEHICLE MILES OF TRAVEL AND INJURY ACCIDENTS  
USING THE LEAST SQUARES TECHNIQUE AND  
THE PROJECTION OF INJURY ACCIDENTS FOR 1970

THE REGRESSION EQUATION IS:

$$Y = 9557.85 + 817.378 X$$

S T A T I S T I C S   O F   T H E   S A M P L E

COEFFICIENT OF CORRELATION = .980969

THERE IS A -

0.05 PROBABILITY THAN AN R OF .88 WILL OCCUR RANDOMLY

0.02 PROBABILITY THAT AN R OF .93 WILL OCCUR RANDOMLY

0.01 PROBABILITY THAT AN R OF .96 WILL OCCUR RANDOMLY

COEFFICIENT OF DETERMINATION = .9623

STANDARD ERROR OF ESTIMATE OF THE POPULATION = 428.814

INDEPENDENT VARIABLE [X] DATA:

MEAN = 23.682

STANDARD DEVIATION = 2.66349

DEPENDENT VARIABLE [Y] DATA:

MEAN = 28915

STANDARD DEVIATION = 2208.52

S.E.P. = STANDARD ERROR OF ANY POINT ON REGRESSION LINE

X-ACTUAL	Y-ACTUAL	Y-FOR	[A-F]/F	FOR/ACT	S.E.P.
20.55	26079	26355.	-.0105	1.01058	316.767
21.64	27761	27245.9	.0189	.981446	252.579
23.66	28743	28897.	-.0054	1.00536	191.779
25.61	30146	30490.9	-.0114	1.01144	246.706
26.95	31846	31586.2	.0082	.991842	325.548

P R O J E C T I O N S

95 PCT. CONFIDENCE INTERVAL = PROJECTION + OR - 2 STANDARD ERRORS

INDEPENDENT  
VARIABLE

PROJECTION

95 PCT. CONFIDENCE INTERVAL

26.99

31618.9

30538.9

--

32698.8

Independent Variable = Vehicle Miles of Travel

Dependent Variable = Injury Accidents

## EXHIBIT 27

LINEAR REGRESSION EQUATION OF VEHICLE MILES OF TRAVEL AND INJURIES  
 USING THE LEAST SQUARES  
 TECHNIQUE AND THE PROJECTION OF INJURIES FOR 1970

THE REGRESSION EQUATION IS:

$$Y = 13762.1 + 1259.75 X$$

S T A T I S T I C S   O F   T H E   S A M P L E

COEFFICIENT OF CORRELATION = .981768

THERE IS A -

0.05 PROBABILITY THAN AN R OF .88      WILL OCCUR RANDOMLY

0.02 PROBABILITY THAT AN R OF .93      WILL OCCUR RANDOMLY

0.01 PROBABILITY THAT AN R OF .96      WILL OCCUR RANDOMLY

COEFFICIENT OF DETERMINATION = .963868

STANDARD ERROR OF ESTIMATE OF THE POPULATION = 646.615

INDEPENDENT VARIABLE [X] DATA:

MEAN = 23.682

STANDARD DEVIATION = 2.66349

DEPENDENT VARIABLE [Y] DATA:

MEAN = 43595.4

STANDARD DEVIATION = 3401.73

S.E.P. = STANDARD ERROR OF ANY POINT ON REGRESSION LINE

X-ACTUAL	Y-ACTUAL	Y-FOR	[A-F]/F	FOR/ACT	S.E.P.
20.55	39263	39649.9	-.0098	1.00985	477.658
21.64	41849	41023.	.0201	.980262	380.868
23.66	43122	43567.7	-.0103	1.01034	289.187
25.61	45693	46024.2	-.0072	1.00725	372.011
26.95	48050	47712.3	.007	.992971	490.899

P R O J E C T I O N S

95 PCT. CONFIDENCE INTERVAL = PROJECTION + OR - 2 STANDARD ERRORS

INDEPENDENT

VARIABLE

PROJECTION

95 PCT. CONFIDENCE INTERVAL

26.99

47762.6

46134.2

-- 49391.1

Independent Variable = Vehicle Miles of Travel

Dependent Variable = Injuries

## EXHIBIT 28

LINEAR REGRESSION ANALYSIS OF VEHICLE MILES OF TRAVEL AND FATAL ACCIDENTS  
 USING THE LEAST SQUARES TECHNIQUE AND  
 THE PROJECTION OF FATAL ACCIDENTS IN 1970

THE REGRESSION EQUATION IS:

$$Y = 144.638 + 35.671 X$$

S T A T I S T I C S   O F   T H E   S A M P L E

COEFFICIENT OF CORRELATION = .982475

THERE IS A -

0.05 PROBABILITY THAN AN R OF .88 WILL OCCUR RANDOMLY

0.02 PROBABILITY THAT AN R OF .93 WILL OCCUR RANDOMLY

0.01 PROBABILITY THAT AN R OF .96 WILL OCCUR RANDOMLY

COEFFICIENT OF DETERMINATION = .965256

STANDARD ERROR OF ESTIMATE OF THE POPULATION = 17.9447

INDEPENDENT VARIABLE [X] DATA:

MEAN = 23.682

STANDARD DEVIATION = 2.66349

DEPENDENT VARIABLE [Y] DATA:

MEAN = 989.4

STANDARD DEVIATION = 96.272

S.E.P. = STANDARD ERROR OF ANY POINT ON REGRESSION LINE

X-ACTUAL	Y-ACTUAL	Y-FOR	[A-F]/F	FOR/ACT	S.E.P.
20.55	881	877.678	.0037	.99623	13.2559
21.64	908	916.56	-.0094	1.00943	10.5698
23.66	1005	988.615	.0165	.983697	8.02548
25.61	1036	1058.17	-.021	1.0214	10.324
26.95	1117	1105.97	.0099	.990128	13.6234

P R O J E C T I O N S

95 PCT. CONFIDENCE INTERVAL = PROJECTION + OR - 2 STANDARD ERRORS

INDEPENDENT

VARIABLE

PROJECTION

95 PCT. CONFIDENCE INTERVAL

26.99

1107.4

1062.21

-- 1152.59

Independent Variable = Vehicle Miles of Travel

Dependent Variable = Fatal Accidents

1434

EXHIBIT 29

LINEAR REGRESSION ANALYSIS OF VEHICLE MILES OF TRAVEL AND FATALITIES  
USING THE LEAST SQUARES TECHNIQUE AND  
THE PROJECTION OF FATAL ACCIDENTS IN 1970

THE REGRESSION EQUATION IS:

$$Y = 349.515 + 35.178 X$$

S T A T I S T I C S   O F   T H E   S A M P L E

COEFFICIENT OF CORRELATION = .94745

THERE IS A -

0.05 PROBABILITY THAN AN R OF .88      WILL OCCUR RANDOMLY

0.02 PROBABILITY THAT AN R OF .93      WILL OCCUR RANDOMLY

0.01 PROBABILITY THAT AN R OF .96      WILL OCCUR RANDOMLY

COEFFICIENT OF DETERMINATION = .897662

STANDARD ERROR OF ESTIMATE OF THE POPULATION = 31.1949

INDEPENDENT VARIABLE [X] DATA:

MEAN = 23.682

STANDARD DEVIATION = 2.66349

DEPENDENT VARIABLE [Y] DATA:

MEAN = 1182.6

STANDARD DEVIATION = 97.5131

S.E.P. = STANDARD ERROR OF ANY POINT ON REGRESSION LINE

X-ACTUAL	Y-ACTUAL	Y-FOR	[A-F]/F	FOR/ACT	S.E.P.
20.55	1062	1072.42	-.0098	1.00981	23.0438
21.64	1106	1110.77	-.0043	1.00431	18.3744
23.66	1223	1181.83	.0348	.966334	13.9514
25.61	1218	1250.42	-.026	1.02662	17.9471
26.95	1304	1297.56	.0049	.995063	23.6826

P R O J E C T I O N S

95 PCT. CONFIDENCE INTERVAL = PROJECTION + OR - 2 STANDARD ERRORS

INDEPENDENT

VARIABLE

PROJECTION

95 PCT. CONFIDENCE INTERVAL

26.99

1298.97

1220.41

--

1377.53

Independent Variable = Vehicle Miles of Travel

Dependent Variable = Fatalities

## PREDICTED HIGHWAY CRASH STATISTICS

Year	Activity	Projections <sup>1</sup>	95% Confidence Interval
1970	Injury Accidents	32,249.1	31,102.8 - 33,395.3
	Injuries	48,733.9	47,005.5 - 50,462.4
	Fatal Accidents	1,134.9	1,086.9 - 1,182.9
	Fatalities	1,326.1	1,242.7 - 1,409.5
1971	Injury Accidents	32,912.8	31,687 - 34,138.6
	Injuries	49,756.8	47,908.4 - 51,605.3
	Fatal Accidents	1,163.9	1,112.6 - 1,215.2
	Fatalities	1,354.7	1,265.5 - 1,443.8
1972	Injury Accidents	33,576.5	32,262.9 - 34,890.2
	Injuries	50,779.7	48,798.9 - 52,760.5
	Fatal Accidents	1,192.8	1,137.9 - 1,247.8
	Fatalities	1,383.2	1,287.7 - 1,478.8
1973	Injury Accidents	34,240.2	32,832.1 - 35,468.3
	Injuries	51,802.7	49,679.3 - 53,296
	Fatal Accidents	1,221.8	1,162.9 - 1,280.7
	Fatalities	1,411.8	1,309.4 - 1,514.2
1974	Injury Accidents	34,903.9	33,395.9 - 36,412
	Injuries	52,825.6	50,551.6 - 55,099.5
	Fatal Accidents	1,250.76	1,187.7 - 1,313.9
	Fatalities	1,440.4	1,330.6 - 1,550.1

- 1 The equations used were obtained from the results shown in Exhibit 26-29 and the seed values were obtained from the Virginia Highway Department and are as follows: 1970 - 27,761 million vehicle miles of travel; 1971-28,573; 1972 - 29,385; 1973 - 30,197; and 1974 - 31,009 million.

## EXHIBIT 31

## DISTRIBUTION OF FEDERAL FUNDS FOR FY 1968

1436

Standard 300 - Planning and Administration

<u>Subdivision or Agency</u>	<u>Amount</u>
Virginia Traffic Safety Study Commission	\$ 7,019.60
Virginia Highway Research Council	11,375.38
Virginia State Police	3,117.35
Total Federal Funding - 300	\$ 21,512.33

Standard 304 - Driver Education

Portsmouth	\$ 55,994.75
Virginia Beach	62,382.79
Total Federal Funds to localities - 304	118,377.54
Department of Education	3,500.00
Total Federal Funding - 304	\$121,877.54

Standard 307 - Traffic Courts

Virginia Highway Research Council	\$ 3,150.00
Total Federal Funding - 307	\$ 3,150.00

Standard 310 - Traffic Records

Division of Motor Vehicles	\$344,454.48
Total Federal Funding - 310	\$344,454.48

Standard 311 - EMS

Department of Health	\$ 56,400.00
Total Federal Funding - 311	\$ 56,400.00

Total Federal Funding to localities	\$118,377.54
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Total Federal Funds for FY 1968	\$547,394.35
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## DISTRIBUTION OF FEDERAL FUNDS FOR FY 1969

Standard 300 - Planning and Administration

<u>Subdivision or Agency</u>	<u>Amount</u>
Virginia Highway Safety Division	\$115,847.00
Total Federal Funds -300	\$115,847.00

Standard 304 - Driver Education

Albemarle County	\$ 19,295.81
Alleghany County	350.00
Arlington County	90,842.00
Bristol City	565.00
Chesapeake City	135,735.00
Clifton Forge City	17,293.00
Danville City	16,152.85
Fairfax City	9,250.00
Fairfax County	97,203.17
Fauquier County	2,000.00
Fluvanna County	1,370.00
Franklin County	696.09
Hampton City	7,156.75
Henrico County	198,743.87
Martinsville City	21,062.50
Patrick County	100.00
Portsmouth City	88,184.25
Prince Edward County	1,000.00
Prince William County	15,750.00
Richmond City	113,857.00
Roanoke City	22,739.00
Stafford County	3,000.00
Virginia Beach City	12,600.00
Total Federal Funds to localities - 304	\$874,946.29
State Department of Education	19,408.80
Total Federal Funding - 304	\$894,355.09

Exhibit 32 - continued

1438

Standard 308 - Alcohol in Relation to Highway Safety

<u>Subdivision or Agency</u>	<u>Amount</u>
State Department of Health	\$ 14,600.00
Total Federal Funding - 308	\$ 14,600.00

Standard 309 - Identification and Surveillance of Accident Locations

City of Richmond	\$ 1,522.57
City of Richmond	2,809.99
Albemarle County	250.00
Gloucester County	850.00
Prince Edward County	200.00
Total Federal Funding to localities - 309	\$ 5,632.56

Standard 310 - Traffic Records

City of Richmond	\$ 18,728.50
Arlington County	8,857.00
Total Federal Funding to localities - 310	27,585.50
Highway Safety Division	87,000.00
Division of Motor Vehicles	15,959.72
Total Federal Funding - 310	\$130,545.22

Standard 311 - EMS

Brunswick County	\$ 4,709.00
Bristol City	16,300.00
Danville City	6,649.97
Dickenson County	2,509.64
Dinwiddie County	5,350.00
Emporia City	1,125.00
Franklin County (Boones Mill)	1,508.51
Franklin County	2,718.30
Giles County	2,750.00



**Exhibit 32 - continued**

**Standard 311 - EMS (continued)**

<u>Subdivision or Agency</u>	<u>Amount</u>
Hanover County	\$ 4,000.00
King George County	128.00
Lexington City	625.00
Lunenburg County	6,000.00
Middlesex County	4,901.26
Page County	11,427.58
Petersburg City	4,951.00
Prince Edward County	400.00
Prince William County	7,600.00
Southampton County	11,455.77
<b>Total Federal Funds to localities - 311</b>	<b>95,109.03</b>
<b>State Department of Health</b>	<b>62,028.00</b>
<b>Total Federal Funding - 311</b>	<b>\$157,137.03</b>

**Standard 315 - Police Traffic Services**

Albemarle County	\$ 2,500.00
Charlottesville City	4,371.00
Henrico County	21,895.95
Portsmouth City	65,093.00
Richmond City	5,800.00
<b>Total Federal Funding to localities - 315</b>	<b>\$ 99,659.95</b>
<b>Total Federal Funding to localities</b>	<b>\$1,102,933.33</b>
<b>Total Federal Funding for FY 1969</b>	<b>\$1,417,776.85</b>

## DISTRIBUTION OF FEDERAL FUNDS FOR FY 1970

Standard 300 - Planning and Administration

<u>Subdivision or Agency</u>	<u>Amount</u>
Virginia Highway Safety Division	\$179,000.00
Total Federal Funds - 300	\$179,000.00

Standard 304 - Driver Education

Bath County	\$ 7,250.00
Bedford County	7,116.64
Bristol City	1,130.00
Charlottesville City	27,000.00
Clarke	21,757.42
Dinwiddie County	5,896.97
Franklin City	610.00
Franklin County	250.00
Galax City	48,034.00
Giles County	1,501.50
Gloucester County	11,180.47
Grayson County	6,265.56
Grayson County	6,777.06
Hampton City	42,000.00
Louisa County	15,767.50
Lynchburg City	27,436.50
Mathews County	4,914.32
New Kent County	3,476.00
Newport News City	38,250.00
Page County	4,117.11
Pulaski County	3,516.00
Richmond County	4,650.00
Southampton County	7,000.00
Staunton City	33,461.00
Virginia Beach	100,000.00
Waynesboro City	6,369.48
Westmoreland County	6,425.00
Wise County	16,000.00
Wythe County	500.00
York County	49,262.50

Total Federal Funds to localities - 304	\$507,915.03
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Standard 304 - (continued)

<u>Subdivision or Agency</u>	<u>Amount</u>
Department of Professional and Occupational Registration	\$ 500.00
Virginia State College	22,200.00
State of Virginia	23,135.42
 Total Federal Funding - 304	 \$553,750.45

Standard 306 - Codes and Laws

Virginia Highway Safety Division	\$ 3,000.00
 Total Federal Funding - 306	 \$ 3,000.00

Standard 307 - Traffic Courts

Virginia Highway Safety Division	\$ 48,150.00
 Total Federal Funding - 307	 \$ 48,150.00

Standard 309 - Identification and Surveillance of Accident Locations

Staunton City	\$ 1,650.00
 Total Federal Funds to localities - 309	 \$ 1,650.00

Standard 310 - Traffic Records

Newport News	\$ 14,400.00
 Total Federal Funds to localities - 310	 14,400.00
 Virginia Highway Safety Division	 10,000.00
 Total Federal Funds - 310	 \$ 24,400.00

Standard 311 - EMS

<u>Subdivision or Agency</u>	<u>Amount</u>
Augusta County	\$ 3,600.00
Bedford County	1,943.75
Botetourt County	5,100.00
Buckingham County	5,624.17
Brunswick County	4,624.08
Craig County	2,000.00
Franklin City	8,350.00
Franklin County	4,050.00
Franklin County	3,997.05
Fraquier County	5,150.00
Galax City	5,000.00
Giles County	750.00
Greene County	6,400.00
Greenville County	450.00
Isle of Wight County	7,500.00
King George County	6,450.00
King William County	5,050.00
Loudoun County	16,668.16
Martinsville City	8,200.00
Montgomery County	600.00
Montgomery County	400.00
Mechlenburg County	8,500.00
Nelson County	2,000.00
Northampton County	1,000.00
Pulaski County	2,600.00
Russell County	2,800.00
Rappahannock County	5,354.37
Shenandoah County	4,485.75
Scott County	5,000.00
Sussex County	5,000.86
Tazewell County	5,091.75
Winchester City	8,000.00
Wythe County	4,750.00
York County	5,603.00
 Total Federal Funds to localities - 311	 162,092.94
 Department of Health	 51,492.08
Department of Health	62,028.00
 Total Federal Funds - 311	 \$275,613.02

Standard 315 - Police Traffic Services

1443-

<u>Subdivision or Agency</u>	<u>Amount</u>
Buena Vista City	\$ 650.00
Campbell County	43,300.00
Hanover County	1,000.00
Petersburg City	4,538.00
Roanoke County	350.00
Virginia Beach	18,314.00
 Total Federal Funds to localities - 315	 68,152.00
 State Police	 252,636.00
 Total Federal Funds - 315	 \$353,788.00

Standard 316 - Debris Hazard Control and Cleanup

Virginia Highway Safety Division	\$ 40,000.00
Virginia Department of Highways	48,241.00
 Total Federal Funds - 316	 \$ 88,241.00
  Total Federal Funding to localities	  \$754,209.97
 Total Federal Funding for 1970	 \$1,527,592.97

1444

## EXHIBIT 34

## DISTRIBUTION OF FEDERAL FUNDS FOR FY 1971

Standard 300 - Planning and Administration

<u>Subdivision or Agency</u>	<u>Amount</u>
Virginia Highway Safety Division	\$213,150.00
Total Federal Funding - 300	\$213,150.00

Standard 304 - Driver Education

Buchanan County	\$ 43,997.50
Carroll County	48,770.00
Falls Church City	7,105.00
Grayson County	1,895.00
King George County	8,800.00
King William County	2,900.00
Lancaster County	7,850.00
Lexington City	15,359.05
Madison County	14,265.00
New Kent County	4,551.00
Newport News	100,000.00
Northampton County	10,400.00
Northumberland County	4,500.00
Norton City	31,777.50
Prince William County	12,775.00
Russell County	9,169.00
Virginia Beach City	130,521.50
Waynesboro City	4,542.50
Total Federal Funds to localities - 304	459,177.60
Virginia Highway Safety Division	6,000.00
Total Federal Funding - 304	\$465,177.60

Standard 306 - Codes and Laws

Virginia Highway Safety Division	\$ 4,375.00
Total Federal Funding - 306	\$ 4,375.00

Standard 308 - Alcohol in Relation to Highway Safety

<u>Subdivision or Agency</u>	<u>Amount</u>
Staunton City	\$ 2,875.00
Total Federal Funds to localities - 308	2,875.00
Virginia Highway Safety Division	65,000.00
Total Federal Funding - 308	\$ 67,875.00

Standard 311 - E M S

Augusta County	\$ 6,750.00
Botetourt County	5,300.00
Buckingham County	4,523.50
Charlotte County	7,911.00
Craig County	700.00
Culpeper County	4,500.00
Dickenson County	2,033.70
Fries	5,090.00
Gloucester County	3,548.00
Goochland County	7,227.50
Greene County	200.00
Harrisonburg City	5,450.00
Lee County	4,325.50
Mathews County	3,618.05
Montgomery County	3,250.00
Prince William County	1,746.80
Pulaski County	3,319.70
Sheandoah County	5,945.77
Smyth County	2,034.50
Vinton Town	3,378.00
Total Federal Funds to localities - 311	80,852.02
Department of Health	9,404.92
Total Federal Funds - 311	\$ 90,256.94

Exhibit 34 - continued

1446

Standard 315 - Police Traffic Services

<u>Subdivision or Agency</u>	<u>Amount</u>
Amelia County	\$ 10,672.00
Arlington County	8,884.00
Big Stone Gap Town	750.00
Emporia City	2,100.00
Henrico County	7,500.00
Henrico County	1,590.00
Loudoun County	1,000.00
Lynchburg City	1,981.86
Norfolk City	17,661.00
Pennington Gap Town	1,650.00
Prince William County	4,118.00
Roanoke County	550.00
Vinton Town	6,500.00
Washington County	1,400.00
Waynesboro	1,150.00
 Total Federal Funds to localities - 315	 67,506.86
 State Police	 167,000.00
 Total Federal Funds - 315	 \$234,506.86
  Total Federal Funds to localities	  \$610,411.48
 Total Federal Funds	 \$1,075,341.40



## Exhibit 34 - continued

## PROJECTS AWAITING FEDERAL APPROVAL FOR FY 1971 FEDERAL FUNDS

Standard 304 - Driver Education

<u>Subdivision or Agency</u>	<u>Amount</u>
Arlington County	\$ 40,295.00
Dinwiddie County	7,967.50
Fairfax County	6,723.10
Richmond County	48,800.00
Roanoke County	12,800.00
Wise County	5,000.00
 Total Federal Funds to localities - 304	 121,585.60
 Department of Education	 12,742.00
Division of Motor Vehicles	8,616.00
 Total Federal Funds - 304	 \$142,943.60

Standard 305 - Driver Licensing

Division of Motor Vehicles	\$ 95,730.00
 Total Federal Funds - 305	 \$ 95,730.00

Standard 310 - Traffic Records

Arlington County	\$ 8,629.50
 Total Federal Funds to localities - 310	 \$ 8,629.50

Standard 311 - E M S

Fairfax County	\$ 9,800.00
Frederick County	5,750.00
Giles County	4,750.00
Middlesex County	3,750.00
Page County	13,149.00
Radford City	5,000.00
Rappahonnack County	967.50
Roanoke City	12,500.00
Roanoke County	2,097.50

1443

## Exhibit 34 - continued

Standard 311 - E M S - continued

<u>Subdivision or Agency</u>	<u>Amount</u>
Roanoke County	\$ 2,067.00
Tazewell County	12,567.23
Westmoreland County	10,500.00
Wise County	13,525.00
Total Federal Funds to localities - 311	\$ 96,423.23

Standard 315 - Police Traffic Services

Accomac County	\$ 447.60
Hanover County	1,250.00
Norton City	1,250.00
Total Federal Funds to localities - 315	2,947.60
Virginia Highway Safety Division	7,800.00
Total Federal Funds - 315	\$ 10,747.60
Total Federal Funds to localities awaiting approval	\$229,585.93
Total Federal Funds awaiting approval	\$354,473.93

## STATE PRIORITIES

Element	10%			20%			30%			40%			50%			Element
	Amount Requested	Date Funded	Amount Funded	Amount Requested	Date Funded	Amount Funded	Amount Requested	Date Funded	Amount Funded	Amount Requested	Date Funded	Amount Funded	Amount Requested	Date Funded	Amount Funded	
300	245.2			245.2			245.2			245.2			245.2			300
301																301
302																302
303	5.1			51.2			20.3			30.9			61			303
304	50.0			120.0			219.8			290.0			348.4			304
305							60.0			100.0			200			305
306	2.5			42.0			42.0			42.0			42			306
307	3.5			11.0			50.0			50.5			110			307
308	12.8			40.6			82.4			91.2			96.5			308
309	4.1			4.1			4.1			15.4			20.5			309
310	77.5			135.8			220			335.5			363			310
311	30			85.0			125.0			200			230			311
312																312
313	3			6			9			12			15			313
314	4.3			20			25			29			59.5			314
315				125.2			144.8			258.9			323			315
316	3.5			10.0			17.0			17.0			17.9			316
<div>441.5</div> <div>860.0</div> <div>1265.6</div> <div>1702.2</div> <div>2132</div>																

## STATE PRIORITIES

Element	60%			70%			80%			90%			100%			Element				
	Amount Requested	Date Funded	Amount Funded	Amount Requested	Date Funded	Amount Funded	Amount Requested	Date Funded	Amount Funded	Amount Requested	Date Funded	Amount Funded	Amount Requested	Date Funded	Amount Funded					
300	245.2			245.2			245.2			245.2			245.2			300				
301																301				
302																302				
303	61.1			61.2			61.3			61.4			61.5			303				
304	428.4			578.4			817.9			1,227.9			1,708.3			304				
305	300.0			352.0			352.0			352.0			352.0			305				
306	42.0			42.0			42.0			42.0			42.0			306				
307	190.0			250.0			299.5			299.5			299.5			307				
308	101.8			107.1			112.4			117.7			122.6			308				
309	24.6			28.7			32.8			36.9			41.0			309				
310	390.5			418.0			445.5			473.0			500			310				
311	230			230			230			230			230			311				
312																312				
313	16			21			24			27			30			313				
314	59.5			59.5			59.5			59.5			59.5			314				
315	455.2			590.9			686			686			686			315				
316	17.9			17.9			17.9			17.9			17.9			316				
																2864.8	3001.9	3731.2	3886.0	4405.5

HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN		1. STATE	VIRGINIA	2. TITLE	Planning and Administration		3. NO. 46-72-00-01	4. DATE 2/5/71
5. DRAFTED BY APPROVED BY		Walter Douglas John T. Hanna		1970 FY-2		1971 FY-1	FISCAL YEAR 1972 1st Q 2nd Q 3rd Q 4th Q TOTAL	
6a. EFFECTIVENESS		Statewide death, injury and property damage.		SEE EFFECTIVENESS SUPPLEMENT TO THE SUBELEMENT		SEE EFFECTIVENESS SUPPLEMENT TO THE SUBELEMENT		
6b. OUTPUT		C% of the local commissions participating in 402 funding V No. of local Highway Safety Commissions eligible to participate in 402 funding.		.43 135		.46 135	60 135	
7. RESP.		8. STD.		300		300		300
HSD		9. TASKS & MILESTONES		1. Personal Services A. Director, Assistant Director, Programs Administrator, Fiscal Officer, Public Information Director, Public Information Officer, Auditor (2) Coordinator Supervisor, Coordinator (3) Confidential Secretary, Clerk Stenographers, Clerk Typists, and part-time secretaries. (Number employees) B. Pensions, Retirement and Insurance payments (Number employees) C. Auto expense and mileage (No. of autos) D. Expenses for Division Personnel (No. employees) E. Expenses for Highway Safety Commission Personnel (No. employees)		15 12 9 12 11		22 20 11 20 11
								28 26 13 26 11
								35 30 16 33 11

HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN		1. STATE	VIRGINIA	2. TITLE	Planning and Administration				3. NO. 46-72-00-02	4. DATE 2/5/71
5. DRAFTED BY Walter Douglas APPROVED BY John T. Hanna				19 70 FY-2	19 71 FY-1	FISCAL YEAR 19 72			19 73 FY+1	19 74 FY+2
						1st Q	2nd Q	3rd Q	4th Q	TOTAL
6a. EFFECTIVENESS										
6b. OUTPUT	C									
	V									
7. RESP.	8. STD.	9. TASKS & MILESTONES		135	135	135	135	135	135	135
HSD	300	1. Personal Services (continued)		150,000	200,000	75,000	75,000	75,000	300,000	350,000
		F. Advisory Committee		10	11	12	12	12	14	17
		G. Postage								
		H. Communications (telephone)								
		2. Contractual Services		4	5	7	7	7	9	12
		A. Safety Section of HSD								
10. DESCRIPTION (continued)		11. COST BY TASK (\$000)		4	4	4	4	4	4	5
time area coordinators whose job it is to help the local commissions in the development of local highway safety programs. A full time public information officer to completely disseminate public information utilizing all media pertinent to all highway safety standards was hired by the HSD.  One of the main functions of the HSD is to encourage implementation of the 16 highway safety standards including the allocation of federal funds.  The continuation of existing highway safety programs and the implementation of appropriate		F. Advisory Committee		12	15.6	4	4	4	17	18
		G. Postage		2	2.9	.75	.75	.75	3	4
		H. Telephone Service								
		2. Contractual Services		50	65	21.25	21.25	21.25	85	125
		A. Safety Section								
12. TOTAL COST										
		LOCAL SHARE								
		STATE SHARE								
		FEDERAL SHARE								
		TO LOCALITIES								

HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN		1. STATE VIRGINIA	2. TITLE Planning and Administration	3. NO46-72-00-03				4. DATE 2/5/71		
5. DRAFTED BY Walter Douglas APPROVED BY John T. Hanna		1970 FY-2	1971 FY-1	FISCAL YEAR 1972				1973 FY+1	1974 FY+2	
				1st Q	2nd Q	3rd Q	4th Q	TOTAL		
6a. EFFECTIVENESS										
6b. OUTPUT		C								
		V								
7. RESP. HSD	8. STD. 300	9. TASKS & MILESTONES 3. Commodities A. Office supplies, duplicate copies and related items B. Safety films, photographic equipment and supplies, radio and TV spots, movie strips and educational TV programming C. Materials cost for Defensive Driving Courses D. Clipping service, printing and binding costs, safety material handouts, special exhibition material and tourist information								
10. DESCRIPTION (continued) new ones will be the ultimate objectives of the HSD for the coming years. A data system to include all highway safety activities is also underway so that printouts of the programs can be made available on a monthly basis.		11. COST BY TASK (\$000)								
		3. Commodities								
		A. Office Supplies								
		B. Public Information supplies and equipment								
		C. Defensive driving								
		12	13	4	3	3	3	13	15	16
		11	52	19.775	20	20	20	79.775	100	125
		20	2	.5	.5	.5	.5	2	2	2
		14	16.75	5	5	5	5	20	25	30
		12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES								

HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN		1. STATE VIRGINIA	2. TITLE	Planning and Administration				3. NO. 46-72-00-04	4. DATE 2/5/71	
5. DRAFTED BY APPROVED BY		Walter Douglas John T. Hanna		FISCAL YEAR 1972				1973 FY+1	1974 FY+2	
				1970 FY-2	1971 FY-1	1st Q	2nd Q	3rd Q	4th Q	TOTAL
6a. EFFECTIVENESS										
6b. OUTPUT		C								
		V								
7. RESP. HSD	8. STD. 300	9. TASKS & MILESTONES								
		3. Commodities (continued)								
		E. Freight and express charges and repair costs for office and auto equipment								
	300	4. Other Direct Costs								
		A. Office furniture, equipment and supplies for coordinators and office personnel								
	300	4. Indirect Costs								
		A. 10% of Personnel salaries								
10. DESCRIPTION		11. COST BY TASK (\$000)								
		3. Commodities (continued)								
		E. Express, freight and repair costs								
		4. Other Direct Costs								
		A. Furniture, equipment and etc.								
		5. Indirect Costs								
		A. 10% of Personnel Salaries								
		12. TOTAL COST								
		LOCAL SHARE								
		STATE SHARE								
		FEDERAL SHARE								
		TO LOCALITIES								



HIGHWAY SAFETY PROGRAM SUBELEMENT SUPPLEMENT		1. STATE		VIRGINIA		2. TITLE		Planning and Administration		3. No.46-72-00-05		4. DATE:2/5/71	
		TOTAL		TASKS									
				1	2	3	4	5	6	7	8	9	10
13.	D Standard: 300												
I	Total (\$000)	490.3	267.3	85	115.7	3	19.3						
S	Federal												
T	To Localities	245.2	133.6	42.5	57.9	1.5	9.7						
R	Prev. Obligations	316.4											
	New Obligations	245.2	133.6	42.5	57.9	1.5	9.7						
I	Standard:												
B	Total												
U	Federal												
T	To Localities												
I	Prev. Obligations												
O	New Obligations												
N	Standard:												
	Total												
B	Federal												
Y	To Localities												
	Prev. Obligations												
	New Obligations												
S	Standard:												
T	Total												
A	Federal												
N	To Localities												
D	Prev. Obligations												
	New Obligations												
A	Total												
R	Federal												
D	To Localities												
	Prev. Obligations												
14.	Local Costs by Object												
	Salaries												
	Per Diem and Travel												
	Contracts												
	Equipment												
	Supplies												
	Maintenance and Operations												
	Total												

EFFECTIVENESS SUPPLEMENT  
TO THE SUBELEMENT

Title and No. 46-72-00-06 Planning and Administration	Date 2/5/71	19 70 FY-2	19 71 FY-1	Fiscal Year 72					19 73 FY+1	19 74 FY+2
				1st Qt.	2nd Qt.	3rd Qt.	4th Qt.	Total		
6a. EFFECTIVENESS										
1. Statewide deaths (total) (000)		1.326	1.354					1.383	1.41	1.44
2. Statewide accidents (total) (000)		48.7	49.8					50.8	51.8	52.8
3. Statewide economic loss (total) (\$000)		265,000	280,000					290,000	310,000	330,000
4. Amount of Personal Property Damage (total state) (\$000)		45,000	53,000					60,000	67,000	75,000
5.										
6.										

HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN		1. STATE	VIRGINIA	2. TITLE	Periodic Motor Vehicle Inspection				3. NO. 46-72-01-01	4. DATE 2/5/71
5. DRAFTED BY Captain R. M. Terry APPROVED BY John T. Hanna					1970 FY-2	1971 FY-1	FISCAL YEAR 19 72		TOTAL	
6a. EFFECTIVENESS Discovered and required the correction of defects on 27.08% of vehicles inspected.					1,203	1,286	338	338	1,422	1,489
6b. OUTPUT					4,500	4,750	100	100	100	100
7. RESP. State Police					1,250	1,250	1,250	1,250	5,000	5,500
8. STD. 301										
9. TASKS & MILESTONES										
1. Operate an effective and efficient vehicle inspection program to detect and correct vehicle defects										
A. Personnel										
1. The program is administered by full-time employees										
2. The stations are supervised by the more than 900 state policemen who spend as much time as is necessary to supervise the mechanics and conduct investigations.										
Administration -										
					1	1	1	1	1	1
					1	1	1	1	1	1
					2	2	2	2	2	2
					2	2	2	2	2	2
					1	1	1	1	1	1
10. DESCRIPTION The ultimate goal of the State Police is to reduce the number of deaths, injuries, and amount of property damage caused by motor vehicles with inspectable defects. In accomplishing this goal the State Police plan to inspect every motor vehicle before entry on the highway and every six months thereafter. We plan to correct vehicle defects prior to operation on the public highways and thereby reduce accidents.										
Section 46.1-315 of the Code of Virginia gives the Superintendent of State Police authority to compel inspections and Section 46.1-319 gives the Superintendent authority to promulgate regulations										
11. COST BY TASK (\$000)										
A. Personnel										
1. Administrative Personnel					56	62	17	17	68	95
2. Field Supervisory Personnel					141	155	43	43	172	206
12. TOTAL COST (\$000)										
LOCAL SHARE					312	338	92	92	386	440
STATE SHARE					312	338	91	91	364	440
FEDERAL SHARE *					NA	NA	NA	NA	NA	NA
TO LOCALITIES										

\* NA - Non- Applicable



HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN		1. STATE	VIRGINIA	2. TITLE	Periodic Motor Vehicle Inspection			3. NO. 46-72-01-03	4. DATE 2/8/71		
5. DRAFTED BY APPROVED BY		Captain R. M. Terry John T. Hanna		FISCAL YEAR 1972			TOTAL				
				1970 FY-2	1971 FY-1	1st Q	2nd Q	3rd Q	4th Q	1973 FY+1	1974 FY+2
6a. EFFECTIVENESS											
6b. OUTPUT		C									
		V									
7. RESP. State Police	8. STD. 301	9. TASKS & MILESTONES 1. (continued) C. Virginia's program (refer to attached information) D. Vehicle Inspections currently require most items set forth by the National Highway Safety Bureau and recommended by the American National Standards Institute D7.1-1968 Code. We are presently studying and considering adopting additional items.  (refer to attached chart)									
10. DESCRIPTION (continued) D. Legislation has been enacted and inspection regulations altered to require windshields in vehicles. E. Regulations have been recently revised to cause a more complete inspection of wheels. 2. Training of certified mechanics - A. mechanics must have at least one year practical experience, have a good reputation, pass an examination exhibiting their knowledge of the inspection program, and attend and instructional meeting annually. 3. Supervision of certified mechanics - Virginia troopers supervise the inspection pro-		11. COST BY TASK No substantial cost for implementing new standards - normal personnel and supplies are utilized.  12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES									

HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN		1. STATE	VIRGINIA	2. TITLE	Periodic Motor Vehicle Inspection				3. NO. 46-72-01-04	4. DATE 2/8/71		
5. DRAFTED BY APPROVED BY		Captain R. M. Terry John T. Hanna		19 70 FY-2	1971 FY-1	1st Q	2nd Q	3rd Q	4th Q	TOTAL	1973 FY+1	1974 FY+2
6a. EFFECTIVENESS												
6b. OUTPUT		<div>C</div> <div>V</div>										
7. RESP.	8. STD.	9. TASKS & MILESTONES										
10. DESCRIPTION (continued) gram and utilize more than 34,000 man-hours annually. Each trooper receives both classroom and field training as to the correct methods of supervision. The classroom training has recently been extended three hours. Additional training for the supervisors is conducted annually as it is needed.		11. COST BY TASK										
		12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES										

46-72-01-05

## ATTACHMENT 1

## C. VIRGINIA'S PROGRAM

The program almost completely complies with the minimum recommendations of the National Highway Safety Bureau.

1. Virginia registered vehicles must be inspected semi-annually prior to operation on the highway.
2. The inspections are performed by competent personnel specifically trained by the State Police. (This training of mechanics is expected to become extensive as we increase the administrative staff.)
3. The inspection covers systems and components having substantial relation to safe vehicle performance.
4. The procedures for the actual inspection equal or exceed 18 of the 26 recommendations of the NHTSB. (Refer to chart)
5. Each station keeps the records as recommended except the vehicle identification number.
6. The state publishes summaries of vehicle defects based on a sample tabulation.

## ATTACHMENT 2

## D. VEHICLE INSPECTION STANDARDS

The information listed below provides a comparison of those items required to be inspected in Virginia with those recommended by the National Highway Safety Bureau and the ANSI D7.1-1968 Code. It further shows items that are being considered for Virginia's Program.

VIRGINIA	N H S B	A N S I
*	Operator's License	
	Valid Registration	Valid Registration
License Plates	License Plates	License Plates
Brakes	Brakes	Brakes
Headlights	Headlights	Headlights
Signal Lights	Signal Lights	Signal Lights
Other Lights	Other Lights	Other Lights
Horn	Horn	Horn
Electrical Systems	Electrical Systems	Electrical Systems
Windshield	Windshield	Windshield
Other Windows	Other Windows	Other Windows
Rear View Mirrors	Rear View Mirrors	Rear View Mirrors
Tires	Tires	Tires
Wheels and Rims	Wheels and Rims	Wheels and Rims
Wipers	Wipers	Wipers
***	Windshield Washers	Windshield Washers
Steering Assembly	Steering Assembly	Steering Assembly
Alignment & Suspension	Alignment & Suspension	Alignment & Suspension
Exhaust System	Exhaust System	Exhaust System
***	Fuel System	Fuel System
***	Hazardous Body Items	Hazardous Body Items
***	Latches, Hood, Door, etc.	Latches, Hood, Doors, etc.
Seat Belts	Occupant Restraining Devices	Seat Belts
***	Defrosters & Foggers	Defrosters & Defoggers
	Vehicle Emission System	
**	Auxiliary Safety Equipment	**

\* Virginia does not use enforcement personnel for inspection; therefore, this item does not apply.

\*\* D7 states that items must comply with State Statutes and if a device is permissive it shall comply with the requirements for such a device as if it were covered by Statute.

\*\*\* These items are being considered for Virginia's program.



HIGHWAY SAFETY PROGRAM SUBELEMENT SUPPLEMENT		1. STATE	VIRGINIA	2. TITLE Periodic Motor Vehicle Inspection										3. No. 46-72-01-07	4. DATE 2/8/71		
		TOTAL		1	2	3	4	5	6	7	8	9	10				
		TASKS															
13.	D	Standard: 301															
	I	Total (\$000)	368	240	128												
	S	Federal	NA	NA	NA												
	T	To Localities															
	R	Prev. Obligations															
		New Obligations															
	I	Standard:															
	B	Total															
	U	Federal															
	T	To Localities															
	I	Prev. Obligations															
	O	New Obligations															
	N	Standard:															
	Total																
B	Federal																
Y	To Localities																
	Prev. Obligations																
	New Obligations																
S	Standard:																
T	Total																
A	Federal																
N	To Localities																
D	Prev. Obligations																
	New Obligations																
A	Total																
R	Federal																
D	To Localities																
	Prev. Obligations																
14.	Local Costs by Object																
	Salaries																
	Per Diem and Travel																
	Contracts																
	Equipment																
	Supplies																
	Maintenance and Operations																
	Total																





HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN			1. STATE	VIRGINIA	2. TITLE	Motor Vehicle Registration				3. NO. 46-72-02-02	4. DATE 2/9/71	
			5. DRAFTED BY APPROVED BY	K. E. Harman John T. Hanna		1970 FY-2	1971 FY-1	FISCAL YEAR 1972			1973 FY+1	1974 FY+2
								1st Q	2nd Q	3rd Q	4th Q	TOTAL
6a. EFFECTIVENESS												
6b. OUTPUT			C	V								
7. RESP.	8. STD.	9. TASKS & MILESTONES										
Motor Vehicle Registration	302	5. Mileage Permits	172	180	47.25	47.25	47.25	47.25	47.25	47.25	47.25	189
"	"	6. Information Requests	1.35	1.36	375	375	375	375	375	375	375	1.50
"	"	7. Uninsured Motorists	1.96	2.06	5,275	5,275	5,275	5,275	5,275	5,275	5,275	2.11
10. DESCRIPTION			11. COST BY TASK (\$000)									
1. Insure the proper titling of all vehicles and trailers to have record of all legal owners and lienholders.			5. Mileage Permits			32	35	9	9	9	9	36
2. Insure proper licensing of all vehicles and trailers in order that proper and instant identification is available.			6. Information Requests			80	87	225	225	225	225	900
3. Proper collection of all motor fuel tax to insure fees for highway construction and maintenance.			7. Uninsured Motorists			410	464	124	124	124	124	498
4. Proper licensing of all motor vehicle dealers for promoting the interest and protection of the general public.			12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES									



HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN		1. STATE	VIRGINIA	2. TITLE	Motor Vehicles Registration					3. NO. 46-72-02-04	4. DATE 2/9/71
5. DRAFTED BY APPROVED BY		K. E. Harman John T. Hanna		FISCAL YEAR 1972					1973 FY+1		1974 FY+2
6a. EFFECTIVENESS				1970 FY-2	1971 FY-1	1st Q	2nd Q	3rd Q	4th Q	TOTAL	
6b. OUTPUT											
7. RESP.	8. STD.	9. TASKS & MILESTONES									
10. DESCRIPTION		11. COST BY TASK									
9. Request legislation requiring the owner to notify this Division immediately upon changing address. Develop public information through TV announcements and newspaper releases. If necessary, employ additional personnel for correspondence and data entry.											
10. We plan to conduct a survey of the state's records retrieval program with the intention of reducing the response time for retrieval of records from terminal to terminal.											
12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES											

HIGHWAY SAFETY PROGRAM SUBELEMENT SUPPLEMENT		1. STATE		VIRGINIA		2. TITLE		Motor Vehicle Registration		3. No.46-72-02-05		4. DATE 1/6/71	
		TASKS											
		TOTAL		1	2	3	4	5	6	7	8	9	10
13.	D Standard: 302												
I	Total (\$000)	8,018	1,883	1,800	390	152	36	900	498	2,324	25	10	
S	Federal	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
T	To Localities												
R	Prev. Obligations												
	New Obligations												
I	Standard:												
B	Total												
U	Federal												
T	To Localities												
I	Prev. Obligations												
O	New Obligations												
N	Standard:												
	Total												
B	Federal												
Y	To Localities												
	Prev. Obligations												
	New Obligations												
S	Standard:												
T	Total												
A	Federal												
N	To Localities												
D	Prev. Obligations												
	New Obligations												
A	Total												
R	Federal												
D	To Localities												
	Prev. Obligations												
14.	Local Costs by Object												
	Salaries												
	Per Diem and Travel												
	Contracts												
	Equipment												
	Supplies												
	Maintenance and Operations												
	Total												

EFFECTIVENESS SUPPLEMENT  
TO THE SUBELEMENT

Title and No. 46-72-02-06 Motor Vehicle Registration	Date 2/9/71	Fiscal Year 72					19 73	19 74
		1st Qt.	2nd Qt.	3rd Qt.	4th Qt.	Total	FY+1	FY+2
6a. EFFECTIVENESS								
1. Accuracy of files *								
2. Average time for updating of files *								
IV-20								
3. Average time of record retrieval from * file								
4. Average entry time of registration records		1 wk.	1 wk.	4 das.	4 das.	4 das.	2 das.	1 day
5.								
6. * Information will be available upon completion of the new Traffic Records Data System								





HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN				1. STATE VIRGINIA		2. TITLE Motorcycle Safety		3. NO. 46-72-03-02		4. DATE Feb. 8, 71					
5. DRAFTED BY William L. Howard APPROVED BY John T. Hanna				1970 FY-2		1971 FY-1		FISCAL YEAR 1972 1st Q 2nd Q 3rd Q 4th Q		TOTAL		1973 FY+1		1974 FY+2	
6a. EFFECTIVENESS															
6b. OUTPUT				C											
				V											
7. RESP. HSD				8. STD. 303		9. TASKS & MILESTONES									
				303		5. Develop a public information program to include all aspects of motorcycle operations (films, radio, etc.)									
				303		6. Motorcycle training courses (no. built) \$25,000 ea.									
				303		7. Design data system to enable us to change the effectiveness measure to death, accidents, and injury rate plus economic loss among motorcyclists with and without helmets.									
				303		8. Develop an educational TV program for motorcycle safety									
				304		9. High school motorcycle safety program (Cost shown in SEP 304)									
10. DESCRIPTION (continued)															
Recognizing that accidents will occur regardless of precautions, the state has enacted legislation requiring that all motorcycle drivers and riders wear a state-approved helmet.															
The state expects this twofold approach to result in (1) an appreciable reduction in the motorcycle accident rate, and (2) a diminution in the consequences of motorcycle mishaps.															
A data system is being developed by the Traffic Records Committee for evaluation purposes.															
11. COST BY TASK \$(000)															
5. Public Information Program															
6. Training Courses															
8. Education TV Program															
9. High school motorcycle safety program															
12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES															

HIGHWAY SAFETY PROGRAM SUBELEMENT SUPPLEMENT		1. STATE	VIRGINIA	2. TITLE Motorcycle Safety										3. No. 46-72-03-03	4. DATE 1/8/71
		TOTAL	1	2	3	4	5	6	7	8	9	10			
13.	D Standard: 303														
I	Total (\$000)	123		6	3		12	100		2					
S	Federal	61.5		3	1.5		6	50		1					
T	To Localities														
R	Prev. Obligations														
	New Obligations	61.5		3	1.5		6	50		1					
I	Standard:														
B	Total														
U	Federal														
T	To Localities														
I	Prev. Obligations														
O	New Obligations														
N	Standard:														
	Total														
B	Federal														
Y	To Localities														
	Prev. Obligations														
	New Obligations														
S	Standard:														
T	Total														
A	Federal														
N	To Localities														
D	Prev. Obligations														
	New Obligations														
A	Total														
R	Federal														
D	To Localities														
	Prev. Obligations														
14.	Local Costs by Object														
	Salaries														
	Per Diem and Travel														
	Contracts														
	Equipment														
	Supplies														
	Maintenance and Operations														
	Total														



HIGHWAY SAFETY PROGRAM ANNUAL SUBLEMENT PLAN		1. STATE	VIRGINIA	2. TITLE	High School Driver Education			3. NO. 46-72-04-01	4. DATE 2/9/71
5. DRAFTED BY Billy G. Johnson (WLH) APPROVED BY John T. Hanna		1970 FY-2	1971 FY-1	1972 FISCAL YEAR 1972	1st Q	2nd Q	3rd Q	4th Q	TOTAL
6a. EFFECTIVENESS No. of persons with traffic violations and/or involved in an acc. that have completed an approved H.S. Driver Ed. Course.		SEE EFFECTIVENESS SUPPLEMENT TO THE SUBLEMENT			TOTAL				
6b. OUTPUT		42	45	60,000	48	50	73,000	80,000	52
7. RESP. 8. STD. 304		42	45	60,000	48	50	73,000	80,000	52
9. TASKS & MILESTONES		FISCAL YEAR 1972							
1. Requirement of driver education certificate Legislation		Passed	Devel.	Imple.	180	180	180	180	180
2. Statewide Educational television No. educational presentations		Devel.	Devel.	Imple.	1	2	2	4	10
3. Program for semester Dr. Education program No. Implemented		Devel.	Devel.	Imple.	1	2	2	4	10
4. Alcohol Countermeasures Program		Devel.	Devel.	Imple.	1	2	2	4	10
5. Driver Education Car Control Program		Devel.	Devel.	Imple.	1	2	2	4	10
6. Membership in professional organization (VADETS) No. of members		Devel.	Devel.	Imple.	1	2	2	4	10
7. Develop a program for the preparation of Dr. Ed. teachers. (Colleges with approved curriculums)		Devel.	Devel.	Imple.	13	14	14	14	Review
10. DESCRIPTION The long term goal of the High School Driver Education program in Virginia is to help reduce the number of accidents including fatalities, personal injuries and property damage caused by drivers with poor driving habits and/or attitudes. To accomplish this we intend to make available a driver education course to all eligible high school students. In meeting the above goal we intend to accept the responsibility, at the state level, for leadership in regard to direction, coordination, supervision, and promotion of quality driver education programs. See Attachment A. Projects and programs being utilized at present to implement the total Driver Education program as		.8	1	6	.5	.5	.5	.5	3
11. COST BY TASK		10,628	11,194	2,952	2,952	2,952	2,952	2,952	13,600
12. TOTAL COST \$(000)		7,894	5,803	1,575	1,575	1,575	1,575	1,575	7,900
LOCAL SHARE		2,042	2,400	750	750	750	750	750	2,920
STATE SHARE		554	3,000	275	275	275	275	275	3,000
FEDERAL SHARE		508	2,950	987.5	987.5	987.5	987.5	987.5	4,950
TO LOCALITIES									5,950

HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN		1. STATE VIRGINIA	2. TITLE	High School Driver Education		3. NO. 46-72-04-02	4. DATE 2/9/71
5. DRAFTED BY Billy G. Johnson (WLH) APPROVED BY John T. Hanna		1970 FY-2		1971 FY-1	FISCAL YEAR 1972		
					1st Q	2nd Q	3rd Q
					4th Q	TOTAL	
6a. EFFECTIVENESS							
6b. OUTPUT							
7. RESP. Dr. Ed. Serv.	8. STD. 304	9. TASKS & MILESTONES					
		8. Personnel					
		A. State level					
		1. Supervisor		1	1	1	1
		2. Assistant Supervisor		1	1	2	3
		3. Secretaries		2	2	3	3
		B. School Personnel					
		1. Coordinators and/or Supervisors		17	17	17	22
		2. Classroom Instructors		694	746	796	805
		3. In-Car Instructors		610	640	690	740
							25
							840
							710
10. DESCRIPTION (continued)		11. COST BY TASK \$(000)					
presented in Attachment A are shown below:		8. Personnel					
1. Passing of 1968 Legislation requiring that all persons shall successfully complete a state approved Driver Education program consisting of both classroom instruction and in-car instruction before being eligible to apply for a Va. operators licence at 16 or prior to 18 years of age		A. 1. Supervisor		15	4	4	16
		2. Assistant Supervisor		14.5	6.375	6.375	25.5
		3. Secretaries		12	4.150	4.150	17.5
		B. Schools		10	72.2	72.2	280
		1. Coordinators		255	72.2	72.2	352
		2. Classroom Instructors		4,858	1,493	1,493	6,440
		3. In-Car Instructors		4,270	1,294	1,294	6,720
							5,772
		12. TOTAL COST					
		LOCAL SHARE					
		STATE SHARE					
		FEDERAL SHARE					
		TO LOCALITIES					
2. Statewide education television utilizing "Sportsmanlike Driving" series							
3. Semester course scheduling -- pilot program.							
4. Driver Education Certificate							
5. Alcohol Countermeasures Program							

HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN			1. STATE	VIRGINIA	2. TITLE	High School Driver Education				3. NO. 46-72-04-03	4. DATE 2/9/71
5. DRAFTED BY Billy G. Johnson (WLH) APPROVED BY John T. Hanna						1970 FY-2	1971 FY-1	FISCAL YEAR 1972		1973 FY+1	1974 FY+2
6a. EFFECTIVENESS											
6b. OUTPUT			C								
7. RESP.			8. STD.								
Dr. Ed. Serv			304								
9. TASKS & MILESTONES											
9. Program Administration											
A. Supplies (months)											
B. Travel											
C. Rent											
10. Contractual Services											
A. Vehicles				872	890					950	960
B. Vehicle Maintenance (gas, oil) \$200/vch. (avg.)				872	890					950	960
C. Maintenance agreements simulators				144	264					488	568
D. Insurance \$150/car				872	890					950	960
11. COST BY TASK											
9. Supplies				1.4	1.5	.4	.4	.4	1.6	1.8	2
Travel				3.1	3.6	1	1	1	4	5	6
10. Contractual Services				348	391			437		478	506
12. TOTAL COST											
LOCAL SHARE											
STATE SHARE											
FEDERAL SHARE											
TO LOCALITIES											
10. DESCRIPTION (continued)											
6. Driver Education Car Control Program											
7. Membership in (VADETS) Virginia Association for Driver and Traffic Safety Education and the Virginia Education Association.											
The Driver Education Service of the Department of Education is responsible for the entire program in Virginia.											
The Division of Motor Vehicles is in the process of designing a system to analyze the driving history of persons completing a driver education training course and receiving a driver education											

[illegible]



HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN		1. STATE VIRGINIA	2. TITLE High School driver education	3. NO. 46-72-04-05				4. DATE 2/9/71
5. DRAFTED BY Billy G. Johnson (WLH) APPROVED BY John T. Hanna		1970 FY-2	1971 FY-1	1st Q	2nd Q	3rd Q	4th Q	TOTAL
6a. EFFECTIVENESS								
6b. OUTPUT								
7. RESP.	8. STD.	9. TASKS & MILESTONES						
DMV	304	12. Design a system for extracting the necessary data from the Driver History File, analyze, and correlate the data, and produce a final report A. 4 man-month at \$954/mo. B. Computer Rentals 50 hours program testing at \$60/hr. 30 hours production run time at \$60/hr.						
Traffic Records Committee	310	13. In conjunction with the traffic records committee develop a data system for measuring more effectively the high school driver education program. The system will also include the evaluation of accidents as well as summons for all persons completing a Dr. Education course						
10. DESCRIPTION		11. COST BY TASK						
		12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES						

1480

HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN		1. STATE	VIRGINIA	2. TITLE	High School Driver Education	3. NO. 46-72-04-06				4. DATE 2/9/71
5. DRAFTED BY APPROVED BY		Billy Johnson John T. Hanna		FISCAL YEAR 1972				1973 FY+1	1974 FY+2	
		1970 FY-2	1971 FY-1	1st Q	2nd Q	3rd Q	4th Q	TOTAL		
6a. EFFECTIVENESS										
6b. OUTPUT		C V								
7. RESP.	8. STD.	9. TASKS & MILESTONES								
HSD	304	14. The state will consider a law requiring that all drivers have a driver education course.								
Dr. Ed. Services	304	15. Motorcycle Driver Education Program								
10. DESCRIPTION		11. COST BY TASK								
		12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES								

## ATTACHMENT A

WORK PROCEDURES IN DEVELOPING THE  
STATE APPROVED DRIVER EDUCATION PROGRAM

Active assistance by staff members includes:

1. provide advisory and consultive services to help local school systems improve and expand their programs,
2. aid local school systems in developing effective patterns of administration and supervision,
3. establish and promulgate standards for high school courses,
4. encourage teacher preparation institutions to establish and offer high-quality teacher preparation programs,
5. develop and distribute resource materials, i.e., curriculum guides, administrative handbooks, and other pertinent information,
6. develop guides to aid school divisions in the purchasing or otherwise obtaining automobiles and other equipment for laboratory instruction, including plans for the preventive maintenance of such equipment and its periodic replacement,
7. advise local school systems on matters of insurance and legal responsibilities related to administration and operation of programs,
8. stimulate local school systems to undertake in-service programs for teachers and to encourage these teachers to acquire additional professional preparation,
9. serve as liaison staff in order to develop and maintain close working relationships with interested agencies (both official and nonofficial),
10. counsel on types of and specifications for facilities and equipment to take advantage of new developments (use of television, multiple-car driving ranges and simulators).

HIGHWAY SAFETY PROGRAM SUBELEMENT SUPPLEMENT		1. STATE	VIRGINIA	2. TITLE		High School Driver Education		3. No. 46-72-04-08		4. DATE 2/9/71				
		TOTAL		1	2	3	4	5	6	7	8	9	10	11
		TASKS												
13.	D	Standard: 304												
	I	Total (\$000)	12,799	2	8						11,483	5.6	437	863.7
	S	Federal	1,674	1	4						1,019	2.8	216	431
	T	To Localities	1,580	0	0						931	2.8	216	431
	R	Prev. Obligations	1,623	0	0						0	0	0	0
		New Obligations	1,674	1	4						1,019	2.8	216	431
	I	Standard:												
	B	Total												
	U	Federal												
	T	To Localities												
	I	Prev. Obligations												
	O	New Obligations												
	N	Standard:												
		Total												
	B	Federal												
	Y	To Localities												
		Prev. Obligations												
		New Obligations												
	S	Standard:												
	T	Total												
	A	Federal												
	N	To Localities												
	D	Prev. Obligations												
		New Obligations												
	A	Total												
	R	Federal												
	D	To Localities												
		Prev. Obligations												
	14.	Local Costs by Object												
		Salaries												
	Per Diem and Travel													
	Contracts													
	Equipment													
	Supplies													
	Maintenance and Operations													
	Total													

EFFECTIVENESS SUPPLEMENT  
TO THE SUBELEMENT

Title and No. 46-72-04-09	Date 2/9/71	1970 FY-2	1971 FY-1	Fiscal Year 72					1973 FY+1	1974 FY+2
				1st Qt.	2nd Qt.	3rd Qt.	4th Qt.	Total		
6a. EFFECTIVENESS										
* Number of accidents among those 16-18 years of age who have had Driver Education.										
1.										
** Number of accidents among those 16-18 years of age who haven't had Driver Education.										
2.										
* Number of accidents among those who have had high school Driver Education.										
3.										
4.										
5.										
* Data will be available in June 1971.										
** Data will be available after development of new traffic records system.										
6.										

HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN			1. STATE VIRGINIA		2. TITLE		3. NO. 46-72-04-10			4. DATE 2/9/71						
5. DRAFTED BY Billy G. Johnson (WLH) APPROVED BY John T. Hanna			1970 FY-2		1971 FY-1		FISCAL YEAR 1972 1st Q 2nd Q 3rd Q 4th Q			1973 FY+1		1974 FY+2				
6a. EFFECTIVENESS Number of people convicted of a hazardous moving violation completing driving improvement schools.			SEE EFFECTIVENESS		SEE EFFECTIVENESS			SUPPLEMENT TO THE			SUBELEMENT					
6b. OUTPUT			C V		Percent of persons attending driver improvement schools Number of persons attending driver improvement schools		*NA *NA									
7. RESP. 8. STD.			9. TASKS & MILESTONES													
Local Political Subdivision 304			1. Establish Driver Improvement Schools in localities around the state. (no.)		15			10			10			10		
Community College 304			2. Establishment of regional training centers for traffic improvement					1			1			1		
Traffic Records Committee 310			3. Develop Data System for evaluation of program					Survey & Analysis			Survey			Devel. Imple. Imple.		
10. DESCRIPTION In order to reduce the num- ber of accidents including fatalities, personal injuries, and property damage caused by poor driving habits and/or attitudes of drivers, Virginia is establishing a driver improvement program for repeat traffic law violators and all others that the judges feel need additional training in Driver Education. Personnel from the state's Driver Education Service are designing the pro- gram and also working with the courts for it im- plementation. The facilities and personnel at the local high schools will be utilized for this program.			11. COST BY TASK (\$000)					15			20			25		
			1. Driver Improvement Schools											25		
			2. Regional training centers					5			5			20		
			12. TOTAL COST \$(000)					15			40			45		
			LOCAL SHARE					7.5			2.5			22.5		
			STATE SHARE		7.5			2.5			20			22.5		
			FEDERAL SHARE		7.5			2.5			20			22.5		
			TO LOCALITIES											22.5		

\*Data Not Yet Available

HIGHWAY SAFETY PROGRAM SUBELEMENT SUPPLEMENT		1. STATE		VIRGINIA		2. TITLE Driver Improvement Schools										3. No. 46-72-04-11		4. DATE 2/9/71			
		TOTAL		TASKS																	
		1		2		3		4		5		6		7		8		9		10	
13.	D Standard: 304																				
I	Total (\$000)	40	20	20																	
S	Federal	20	10	10																	
T	To Localities	10	0	10																	
R	Prev. Obligations	0	0	0																	
	New Obligations	20	10	10																	
I	Standard:																				
B	Total																				
U	Federal																				
T	To Localities																				
I	Prev. Obligations																				
O	New Obligations																				
N	Standard:																				
	Total																				
B	Federal																				
Y	To Localities																				
	Prev. Obligations																				
	New Obligations																				
S	Standard:																				
T	Total																				
A	Federal																				
N	To Localities																				
D	Prev. Obligations																				
	New Obligations																				
A	Total																				
R	Federal																				
D	To Localities																				
	Prev. Obligations																				
14.	Local Costs by Object																				
	Salaries																				
	Per Diem and Travel																				
	Contracts																				
	Equipment																				
	Supplies																				
	Maintenance and Operations																				
	Total																				

EFFECTIVENESS SUPPLEMENT  
TO THE SUBELEMENT

Title and No. 46-72-04-12	Date 2/9/71	1970 FY-2	1971 FY-1	Fiscal Year 72					1973 FY+1	1974 FY+2
				1st Qt.	2nd Qt.	3rd Qt.	4th Qt.	Total		
6a. EFFECTIVENESS										
1.										
*Number of persons involved in an accident after completing Driver Improvement Course.										
2.										
*Traffic violations among those who have previously attended a Driver Improvement Course.										
3.										
4.										
5.										
6.										
*Data will be available upon completion of new traffic records system.										



HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN			1. STATE	VIRGINIA	2. TITLE	Adult Driver Education		3. NO. 46-72-04-13	4. DATE 2/9/71		
5. DRAFTED BY Billy G. Johnson(WLH) APPROVED BY John T. Hanna					19 70 FY-2	19 71 FY-1	FISCAL YEAR 1972 1st Q 2nd Q 3rd Q 4th Q TOTAL			1973 FY+1	19 74 FY+2
6a. EFFECTIVENESS					SEE EFFECTIVENESS SUPPLEMENT TO THE SUBELEMENT						
6b. OUTPUT			C % of the adult drivers completing an adult driver education V No. of adults completing adult dr. educ. course		course 602	700	400	400	800	1200	1400
7. RESP. Dr. Educ. Service			8. STD. 304		9. TASKS & MILESTONES 1. Develop a curriculum for an adult driver education program. 2. Develop a curriculum for an adult motorcycle safety driver education program. 3. Develop a curriculum for a driver education program for all EMS personnel.		Survey	Analysis	Devel.	Imple.	
Dr. Educ. Service			304				Survey	Analysis	Devel.	Imple.	
Dr. Educ. Service			304				Survey	Analysis	Devel.	Imple.	
10. DESCRIPTION The State of Virginia, in order to reduce the number of deaths personal injuries, and property damage caused by drivers who have poor driving habits and/or attitudes is in the process of establishing an adult driver education program to be offered to all adults as well as out-of-school youth in the State. The program will also deal with Dr. Education for Emergency Medical Service personnel as well as motorcycle drivers. The Driver Education Services of the Department of Education will develop the curriculum and set up the courses.			11. COST BY TASK (\$000)								
			12. TOTAL COST (\$000) LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES		25.5 12.75 12.75				26.5 13.25 13.25		28 14 14 28.4 14.4 14.4

HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN		1. STATE	VIRGINIA	2. TITLE	Adult Driver Education		3. NO.46-72-04-14	4. DATE 2/9/71					
5. DRAFTED BY Billy G. Johnson (WLH) APPROVED BY John T. Hanna				FISCAL YEAR 1972									
				1970 FY-2	1971 FY-1	1st Q	2nd Q	3rd Q	4th Q	TOTAL	1973 FY+1	1974 FY+2	
6a. EFFECTIVENESS													
6b. OUTPUT													
7. RESP.	8. STD.	9. TASKS & MILESTONES											
Driver Ed. Services	304	4. Personnel 1. Assistant Supervisor 2. Secretary		1 1		1 1		1 1		1 1	1 1	1 1	
Dr. Educ. Services	304	5. Equipment 1. Supplies (office) 2. Furniture (office)											
Dr. Educ. Services	304	6. Travel (Assistant Supervisor)											
7. Develop Data System for evaluation of adult Dr. Educ. Program.						Survey & Survey Analysis		Report		Devel.			
10. DESCRIPTION An additional assistant supervisor will be hired to travel throughout the state to work with local school divisions in implementing and expanding Driver Education programs for adults and out-of-school youths. Driver Education Service personnel will work with the Traffic Records Committee to develop a data system for more effective evaluation of the adult driver education program. The courses will be taught by local school personnel utilizing the high school Dr. Education equipment.		11. COST BY TASK (\$000)											
		4. Personnel		16.1							17.5	18.5	19
		1. Assistant Supervisor		5.5							6	6.5	6.8
		2. Secretary		2.1							1	1	1
		5. Equipment		1.8							2	2	2
		6. Travel											
		12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES											

HIGHWAY SAFETY PROGRAM SUBELEMENT SUPPLEMENT		1. STATE	VIRGINIA										2. TITLE Adult Driver Education	3. No. 46-72-04-15	4. DATE 2/9/71
		TOTAL	1	2	3	4	5	6	7	8	9	10			
		TASKS													
13.	D Standard: 304														
	I Total (\$000)	26.5				23.5	1	2							
	S Federal	13.25				11.75	.5	1							
	T To Localities	0													
	R Prev. Obligations	0													
	New Obligations	13.25				11.75	.5	1							
	I Standard:														
	B Total														
	U Federal														
	T To Localities														
	I Prev. Obligations														
	O New Obligations														
	N Standard:														
	Total														
	Federal														
	To Localities														
	Prev. Obligations														
	New Obligations														
	S Standard:														
	Total														
	A Federal														
	N To Localities														
	D Prev. Obligations														
	New Obligations														
	A Total														
	R Federal														
	D To Localities														
	Prev. Obligations														
14.	Local Costs by Object														
	Salaries														
	Per Diem and Travel														
	Contracts														
	Equipment														
	Supplies														
	Maintenance and Operations														
	Total														

**EFFECTIVENESS SUPPLEMENT  
TO THE SUBELEMENT**

Title and No. 46-72-04-16 Adult Driver Education	Date 2/9/71	19 70 FY-2	19 71 FY-1	Fiscal Year 72				19 73 FY+1	19 74 FY+2
				1st Qt.	2nd Qt.	3rd Qt.	4th Qt.		
6a. EFFECTIVENESS									
*Number of adults with traffic violations that have attended an adult driver education course.									
1.									
*Percent of the total state accidents caused by those adults having attended an adult driver education course.									
2.									
*Amount of economic loss from accidents among those having attended an adult driver education course.									
3.									
*Number of deaths among those completing an adult driver education course.									
4.									
*Amount of property damage among those completing an adult driver education course.									
5.									
*Information will be available upon completion of the states new traffic records system.									
6.									

HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN		1. STATE	VIRGINIA	2. TITLE	Driver Education for the Handicapped				3. NO. 46-72-04-17	4. DATE	2/9/71
5. DRAFTED BY Billy G. Johnson (WLH) APPROVED BY John T. Hanna		1970 FY-2		1971 FY-1	1st Q	2nd Q	3rd Q	4th Q	TOTAL	1973 FY+1	1974 FY+2
6a. EFFECTIVENESS		Number of crashes and violations involving the handicapped driver who have had driver education.		SEE	EFFECTIVENESS SUPPLEMENT TO THE SUBELEMENT						
6b. OUTPUT		C Percent of handicapped drivers having taken Dr. Ed. V Number of handicapped drivers having taken Dr. Ed.									
7. RESP. Dr. Educ. Services	8. STD. 304	9. TASKS & MILESTONES									
Voc. Rehab.	304	1. Schools offering vocational driving beyond Dr. Ed.		30		33				60	
Dr. Ed. Serv.	304	2. Special driver education programs for the handicapped No. of cities with programs.		2		3				4	
Dr. Ed. Serv.	304	3. Driver Education Program with wayward boys-\$135 ea. (No. of students)		40				100		200	
Dr. Ed. Serv.	304	4. Driver Education Programs at Vocational Rehabilitation Centers. No. taught		150		150				150	
Dr. Ed. Serv.	304	5. Driver Education Certificate (see SEP for High School Driver Education).								150	
10. DESCRIPTION To reduce the number of accidents including fatalities, personal injuries, and property damage among those drivers with some sort of handicap is the ultimate goal of Va. At the present time, driver education is taught at vocational schools around the state and also several large communities have special D. E. programs for the handicapped. The course is taught at the local high schools by qualified personnel. A Driver Education Program is also being established at one of our homes for wayward boys. AAA presented a course in 1969 to approximately 40 boys. The school has decided to apply for certification from the state to make available a Driver Education course to all those eligible.		11. COST BY TASK (\$000)		5.4 13.5		13.5		13.5		27 14	
		3. Boys Home								27	
		4. Vocational Rehabilitation Center (includes instructors' salary)								15	
		12. TOTAL COST (\$000)		18.9		13.5				42	
		LOCAL SHARE								21	
		STATE SHARE		18.9		13.5				21	
		FEDERAL SHARE								21	
		TO LOCALITIES								21.5	

\*This figure represents those persons in our vocational schools, boys home and rehabilitation center.

HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN		1. STATE	VIRGINIA	2. TITLE for the Handicapped		3. NO. 46-72-04-18				4. DATE 2/9/71	
5. DRAFTED BY Billy G. Johnson (WLH) APPROVED BY John T. Hanna		1970 FY-2	1971 FY-1	1st Q	2nd Q	3rd Q	4th Q	TOTAL	1973 FY+1	1974 FY+2	
6a. EFFECTIVENESS											
6b. OUTPUT											
7. RESP.	8. STD.	9. TASKS & MILESTONES									
Traffic Records Committee and Driver Education Services	310	6. Develop Data System for evaluation of program.									
10. DESCRIPTION The Driver Education Services of the Department of Education is in the process of improving the Driver Education Program for the handicapped and will work with local political subdivisions in its implementation. They will also work with the traffic records committee to develop a data system for more effective evaluation of the program.		11. COST BY TASK									
		12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES									

HIGHWAY SAFETY PROGRAM SUBELEMENT SUPPLEMENT	1. STATE	VIRGINIA	2. TITLE the handicapped										3. No. 46-72-04-19 4. DATE 2/9/71																					
			TASKS										TOTAL	1	2	3	4	5	6	7	8	9	10											
13. D Standard: 304																																		
I Total (\$000)													41																					
S Federal																																		
T To Localities																																		
R Prev. Obligations																																		
New Obligations																																		
I Standard:																																		
B Total																																		
U Federal																																		
T To Localities																																		
I Prev. Obligations																																		
O New Obligations																																		
N Standard:																																		
Total																																		
Federal																																		
To Localities																																		
Prev. Obligations																																		
New Obligations																																		
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A Total																																		
R Federal																																		
D To Localities																																		
Prev. Obligations																																		
Local Costs by Object																																		
Salaries																																		
Per Diem and Travel																																		
Contracts																																		
Equipment																																		
Supplies																																		
Maintenance and Operations																																		
Total																																		

EFFECTIVENESS SUPPLEMENT  
TO THE SUBELEMENT

Title and No. 46-72-04-20 Driver Education for the Handi- capped	Date 2/9/71	19 <u>70</u> FY-2	19 <u>71</u> FY-1	Fiscal Year 72					19 <u>73</u> FY+1	19 <u>74</u> FY+2	
				1st Qt.	2nd Qt.	3rd Qt.	4th Qt.	Total			
6a. EFFECTIVENESS											
*Number of accidents caused by handicapped drivers.											
1.											
*Number of accidents involving handicapped drivers who have completed driver education.											
2.											
*Number of deaths among the handicapped drivers who have completed driver education.											
3.											
*Amount of economic loss attributed to the handicapped driver who have completed a driver education course.											
4.											
*Amount of personal property damage among those handicapped drivers who have completed a driver education course.											
5.											
*Data will be available upon completion of the states new traffic records system.											
6.											



HIGHWAY SAFETY PROGRAM ANNUAL SUBLEMENT PLAN		1. STATE VIRGINIA	2. TITLE Driver Education	Commercial			3. NO. 46-72-04-21	4. DATE 2/9/71
5. DRAFTED BY Billy G. Johnson (WLH) APPROVED BY John T. Hanna		19 70 FY-2	19 71 FY-1	FISCAL YEAR 19 72			19 73 FY+1	19 74 FY+2
6a. EFFECTIVENESS		SEE EFFECTIVENESS SUPPLEMENT TO THE SUBLEMENT			1st Q	2nd Q	3rd Q	4th Q
6b. OUTPUT		C % of the drivers completing Commercial Dr. Educ. V No. of drivers completing Commercial Dr. Education			1250	1250	1250	2500
7. RESP. Driver Ed. Service	8. STD. 304	9. TASKS & MILESTONES			1250	1250	1250	2500
Dept. of Prof. and Occupa- tional Regis- tration.	304	1. Commercial driver education schools licensed and certified by the Driver Ed. Service. No. Licensed			32	35	40	60
		2. Commercial Driver Training Schools licensed by the Department of Professional and Occupational Regis- tration. (contracted)			38	40	55	60
Governor's Office	304	3. State Board for Commercial Driver Training Schools Expenses for five members			Established			Expenses
10. DESCRIPTION The long term goal of the Commercial Driver Education Program in Va. is to reduce the number of accidents, including fatalities, personal injuries and property damage among those individuals not fortunate enough to receive driver education in high school. At the present time commercial schools are required to meet the same criteria as the public schools if they are going to instruct anyone under the age of 18. The remaining commercial schools are licensed by the Department of Professional and Occupational Registration. (continued)		11. COST BY TASK (\$000)			1	1.5	.5	.5
		3. Expenses and per diem			1	1.5	.5	.5
		12. TOTAL COST (\$000)			1	1.5	.5	.5
		LOCAL SHARE			.5	1	.25	.25
		STATE SHARE			.5	.5	.25	.25
		FEDERAL SHARE			.5	.5	.25	.25
		TO LOCALITIES						

HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN		1. STATE VIRGINIA	2. TITLE Commercial Driver Education		3. NO. 46-72-04-22				4. DATE 2/9/71
5. DRAFTED BY Billy G. Johnson (WLH) APPROVED BY John T. Hanna		FISCAL YEAR 1972		19 73		19 74			
		19 70 FY-2	19 71 FY-1	1st Q	2nd Q	3rd Q	4th Q	TOTAL	
6a. EFFECTIVENESS									
6b. OUTPUT									
7. RESP. Traffic Records Committee									
8. STD. 310									
9. TASKS & MILESTONES 4. Develop Data System for more effective evaluation of the program									
10. DESCRIPTION The 1968 session of the General Assembly of Virginia passed Chapter 113, Acts of the Assembly, 1968, thereby creating a Board entitled State Board for Commercial Driver Training Schools. In creating such a Board, the Legislature gave the Board the authority to license all commer- cial driver training schools and, further, gave the Board the authority to establish rules and regulations relating to location, equipment, courses of instruction, instructors, previous records of the school and instructors, financial statements, schedule of fees and charges,									
11. COST BY TASK									
12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES									

HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN		1. STATE	VIRGINIA	2. TITLE	Commercial Driver Education				3. NO. 46-72-04-23	4. DATE 2/9/71
5. DRAFTED BY Billy G. Johnson (WLH) APPROVED BY John T. Hanna		1970 FY-2	1971 FY-1	1st Q	2nd Q	3rd Q	4th Q	TOTAL	1973 FY+1	1974 FY+2
6a. EFFECTIVENESS										
6b. OUTPUT										
7. RESP.										
8. STD.										
9. TASKS & MILESTONES										
10. DESCRIPTION (continued) character and reputation of the operators, insurance in such sum and with such provisions as deemed necessary to protect adequately the interests of the public. In addition, the Board may promulgate rules and regulations in such other matters as the Board deems necessary for the protection of the public. The development of a data system will be handled by the Traffic Records Committee of the Driver Education Service to more effectively evaluate the Commercial Driver Education Program.										
11. COST BY TASK										
12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES										

HIGHWAY SAFETY PROGRAM SUBELEMENT SUPPLEMENT		1.. STATE	VIRGINIA	2. TITLE Driver Education										3. No. 46-72-04-24	4. DATE 2/9/71
		TOTAL	1	2	3	4	5	6	7	8	9	10			
13.	D Standard: 304														
I	Total (\$000)	2			2										
S	Federal	1			1										
T	To Localities	0			0										
R	Prev. Obligations	.5			.5										
	New Obligations	1			1										
I	Standard:														
B	Total														
U	Federal														
T	To Localities														
I	Prev. Obligations														
O	New Obligations														
N	Standard:														
	Total														
B	Federal														
Y	To Localities														
	Prev. Obligations														
	New Obligations														
S	Standard:														
T	Total														
A	Federal														
N	To Localities														
D	Prev. Obligations														
	New Obligations														
A	Total														
R	Federal														
D	To Localities														
	Prev. Obligations														
14.	Local Costs by Object														
	Salaries														
	Per Diem and Travel														
	Contracts				1										
	Equipment														
	Supplies														
	Maintenance and Operations														
	Total				1										

EFFECTIVENESS SUPPLEMENT  
TO THE SUBELEMENT

Title and No. 46-72-04-25 Commercial Driver Education	Date 2/9/71	19 70	19 71	Fiscal Year 72				19 73	19 74
		FY-2	FY-1	1st Qt.	2nd Qt.	3rd Qt.	4th Qt.	Total	FY+1 FY+2
6a. EFFECTIVENESS									
*Death rate among those completing a driver education course at a commercial driving school. 1.									
*Accident rate among those completing a driver education course from a commercial driving school. 2.									
*Economic loss among those completing a driver education course from a commercial driving school. 3.									
*Personal property damage among those completing a commercial driving school. 4.									
5.									
6.*Data will be available upon completion of Virginia's new traffic records system.									

HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN		1. STATE	VIRGINIA	2. TITLE	Driver Testing and Licensing				3. NO.46-72-05-01	4. DATE 2/9/71
5. DRAFTED BY R. E. Spring APPROVED BY John T. Hanna		1970 FY-2	1971 FY-1	FISCAL YEAR 1972				1973 FY+1	1974 FY+2	
6a. EFFECTIVENESS SEE EFFECTIVENESS SUPPLEMENT TO THE SUBELEMENT										
6b. OUTPUT		C Percent of total drivers tested								
		V Total number of drivers licensed								
7. RESP. DMV	8. STD. 305	9. TASKS & MILESTONES								
		1. Instruction Permit Testing and Licensing Program								
		A. Instruction Permits Issued								
		B. Personnel								
		1. Supervisors								
		2. License Examiners								
		3. Clerks								
10. DESCRIPTION The long-term objectives of the Driver Testing and Licensing Program is to reduce the number of nonqualified drivers on the highways thus reducing the number of crashes, including fatalities, personal injuries and property damage by testing and licensing drivers both initially and every four years thereafter. The testing and licensing will be conducted by personnel of the Virginia Division of Motor Vehicles. Our immediate plans and programs in accomplishing this goal are shown on the following pages of this SEP.		11. COST BY TASK (\$000)								
		1. Instruction Permit Testing and Licensing Program								
		12. TOTAL COST (\$000)								
		LOCAL SHARE								
		STATE SHARE								
		FEDERAL SHARE								
		TO LOCALITIES								

HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN			1. STATE VIRGINIA		2. TITLE  5. DRAFTED BY R. E. Spring APPROVED BY John T. Hanna		3. NO. 46-72-05-02 DRIVER TESTING AND LICENSING				4. DATE 2/9/71	
6a. EFFECTIVENESS			C Percent of total drivers tested		FISCAL YEAR 1972		1971		1973		1974	
6b. OUTPUT			V Total number of drivers tested and licensed		1st Q 2nd Q 3rd Q 4th Q		FY-1		FY+1		FY+2	
7. RESP.	8. STD.	9. TASKS & MILESTONES										
DMV	305	2. ORIGINAL LICENSE TESTING AND LICENSE ISSUE PROGRAM										
		A. Original Licenses Issued	200		53		53		53		212	
		B. Personnel - State Level										
		1. Supervisors	5		5		5		5		5	
		2. License Examiners	27		27		27		27		27	
		3. Clerks	29		29		29		29		29	
10. DESCRIPTION			11. COST BY TASK \$(000)		255		269		073		293	
1. The program designed to initially test and license citizens temporarily in order to allow the citizen to improve his driving habits under the supervision of a licensed driver.												
2. The program designed to test and license those citizens who have never been licensed in Virginia before or have let their valid license expire.												
12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES												

HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN		1. STATE VIRGINIA	2. TITLE DRIVER TESTING AND LICENSING		3. NO. 46-72-05-03	4. DATE 2/9/71
5. DRAFTED BY R. E. Spring APPROVED BY John T. Hanna			1970 FY-2	1971 FY-1	FISCAL YEAR 1972 1st Q 2nd Q 3rd Q 4th Q TOTAL	1973 FY+1 1974 FY+2
6a. EFFECTIVENESS						
6b. OUTPUT		C Percent of total drivers tested V Total number of drivers licensed				
7. RESP. 8. STD. DMV 305		9. TASKS & MILESTONES 3. RENEWAL LICENSE TESTING AND LICENSING PROGRAM (000) A. Renewal Licenses Issued B. Personnel - State Level 1. Supervisor 2. License Examiners 3. Clerks	736 11 103 70	759 11 103 70	200 11 103 70	800 11 103 70
10. DESCRIPTION		11. COST BY TASK \$(000)	766	808	220	880
3. The program designed to test and license those citizens who are renewing a valid license. This program will enable us to screen all of those renewing their drivers license and remove those drivers who no longer possess the physical and mental requirement for driving.		12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES			220	955
						1 038



HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN			1. STATE VIRGINIA		2. TITLE		DRIVER TESTING AND LICENSING				3. NO. 46-72-05-04		4. DATE 2/9/71									
5. DRAFTED BY R. E. Spring APPROVED BY John T. Hanna					19 70 FY-2		1971 FY-1		FISCAL YEAR 19 72 1st Q 2nd Q 3rd Q 4th Q				TOTAL		19 73 FY+1		1974 FY+2					
6a. EFFECTIVENESS																						
6b. OUTPUT			C Percent of total drivers tested																			
			V Total number of drivers licensed																			
7. RESP.			8. STD.		9. TASKS & MILESTONES																	
DMV			305		4. RESTRICTED LICENSE TESTING AND LICENSING PROGRAM (000) A. Restricted Licenses Issued B. Personnel - State Level 1. Supervisors 2. License Examiners 3. Clerks																	
					7		7.5		2		2		2		2		8		9		10	
					1		1		1		1		1		1		1		1		1	
					2		2		2		2		2		2		2		2		2	
					6		6		6		6		6		6		6		6		6	
10. DESCRIPTION			11. COST BY TASK (000)																			
4. The program designed to test and license those citizens who are qualified to drive but only after special restrictions are complied with.			32 34 9 9 9 9 9 9 9 9 9 9 36 40 43																			
			12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES																			

HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN		1. STATE VIRGINIA	2. TITLE	DRIVER TESTING AND LICENSING				3. NO. 46-72-05-05	4. DATE 2/9/71	
5. DRAFTED BY R. E. Spring APPROVED BY John T. Hanna		FISCAL YEAR 19 72		1st Q 2nd Q 3rd Q 4th Q TOTAL				1973 FY+1	1974 FY+2	
6a. EFFECTIVENESS		19 70 FY-2	19 71 FY-1							
6b. OUTPUT		C	V							
7. RESP.	8. STD.	9. TASKS & MILESTONES								
DMV	305	5. DRIVERS' RETESTING AND LICENSING PROGRAM								
		A. Licenses Re-issued (000)								
		B. Personnel - State Level								
		1. Supervisor								
		2. License Examiners								
		3. Clerks								
10. DESCRIPTION		159	168	046	046	046	046	183	199	216
5. The program designed to reexamine and license citizens after their operating privilege has been restored from a revocation or suspension.										
11. COST BY TASK \$(000)										
12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES										



HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN		1. STATE VIRGINIA	2. TITLE DRIVER TESTING AND LICENSING	3. NO. 46-72-05-07	4. DATE 2/9/71
5. DRAFTED BY R. E. Spring APPROVED BY John T. Hanna		1970 FY-2	1971 FY-1	FISCAL YEAR 1972 1st Q 2nd Q 3rd Q 4th Q	1973 FY-1
6a. EFFECTIVENESS		TOTAL			
6b. OUTPUT					
7. RESP. DMV					
8. STD. 305					
9. TASKS & MILESTONES					
7. CRASH REPORTING PROGRAM					
A. Number of Crash Cases Handled (000)		158	174	48	232
B. Number of Crash Reports Processed (000)		366	403	111	536
C. Number of Citizens Suspended due to Failure to File Insurance (000)		49	54	15	71
D. Personnel - State Level					
1. Supervisors		12	12	12	12
2. Field Inspectors		12	12	12	12
3. Evaluators		15	15	15	15
4. Clerks		95	95	95	95
10. DESCRIPTION					
7. This program processes all crash reports, identifies those citizens who have not complied with insurance requirements, suspends operating privileges, issues notices for re-examination and recommends hearing action based on review of citizens driving record.		681	726	197	933
11. COST BY TASK \$(000)					
12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES					

HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN		1. STATE	VIRGINIA	2. TITLE DRIVER TESTING AND LICENSING	3. NO. 46-72-05-08	4. DATE 2/9/71
5. DRAFTED BY R. E. Spring APPROVED BY John T. Hanna		1970 FY-2	1971 FY-1	FISCAL YEAR 1972 1st Q 2nd Q 3rd Q 4th Q TOTAL	1973 FY+1	1974 FY+2
6a. EFFECTIVENESS						
6b. OUTPUT						
		C Percent of total drivers tested				
		V Total number of drivers licensed				
7. RESP.	8. STD.	9. TASKS & MILESTONES				
DMV	305	8. CONVICTION PROCESSING PROGRAM				
		A. Number of Convictions Processed (000)				
		B. Number of Revocation Orders Issued (000)				
		C. Personnel - State Level				
		1. Supervisors				
		2. Field Inspectors				
		3. Evaluators				
		4. Clerks				
10. DESCRIPTION		11. COST BY TASK \$(000)				
8. This program identifies citizens with repeated traffic violations and revokes operating privileges, issues notices for reexamination or recommends hearing action based on review of citizen's driving record.		12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES				

HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN		1. STATE VIRGINIA	2. TITLE DRIVER TESTING AND LICENSING	3. NO. 46-72-05-09	4. DATE 2/9/71			
5. DRAFTED BY R. E. Spring APPROVED BY John T. Hanna		1970 FY-2	1971 FY-1	FISCAL YEAR 1972 1st Q 2nd Q 3rd Q 4th Q TOTAL				
6a. EFFECTIVENESS								
C Percent of total drivers tested								
V Total number of drivers licensed								
7. RESP. DMV	8. STD. 305	9. TASKS & MILESTONES						
		9. HEARING PROGRAM						
		A. Number of Formal Hearings Held (000)						
		B. Number of Hearing Suspensions (000)						
		C. Personnel - State level						
		1. Hearing Examiner						
		2. Field Inspector						
		3. Secretary						
		4. Clerks						
		.4	.5	.14	.14	.66	.7	.8
		.3	.4	.12	.12	.48	.6	.7
		1	1	1	1	1	1	1
		1	1	1	1	1	1	1
		1	1	1	1	1	1	1
		3	3	3	3	3	3	3
10. DESCRIPTION		11. COST BY TASK \$(000)						
9. This program conducts formal hearings with citizens who are repeatedly involved in accidents or traffic violations of a minor nature.		32	34	9	9	37	40	43
		12. TOTAL COST						
		LOCAL SHARE						
		STATE SHARE						
		FEDERAL SHARE						
		TO LOCALITIES						

HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN			1. STATE	VIRGINIA	2. TITLE	Driver Testing and Licensing		3. NO. 46-72-05-10	4. DATE 2/9/71	
5. DRAFTED BY R. E. Spring APPROVED BY John T. Hanna			1970 FY-2	1971 FY-1	FISCAL YEAR 1972				1973 FY+1	1974 FY+2
6a. EFFECTIVENESS			1st Q 2nd Q 3rd Q 4th Q TOTAL							
6b. OUTPUT			C Percent of total drivers tested V Total number of drivers licensed							
7. RESP.	8. STD.	9. TASKS & MILESTONES								
DMV	305	10. Medical Evaluation and Control Program A. Number of medical statements required (000) B. Number of citizens suspended (000) C. Personnel - State Level! 1. Supervisor 2. Field Inspector 3. Clerks	1.0 .3 1 1 3	1.1 .3 1 1 3	.4 .1 1 1 3	.4 .1 1 1 3	.4 .1 1 1 3	1.2 .4 1 1 3	1.3 .5 1 1 3	1.4 .6 1 1 3
10. DESCRIPTION This program is responsible for investigating and monitoring those persons who must periodically file statements from doctors attesting to their health or have their operating privileges suspended.			32	34	9	9	9	37	40	43
11. COST BY TASK \$(000)										
12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES										

HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN		1. STATE VIRGINIA	2. TITLE DRIVER TESTING AND LICENSING	3. NO. 46-72-05-11	4. DATE 2/9/71					
5. DRAFTED BY R. E. Spring APPROVED BY John T. Hanna		FISCAL YEAR 1972								
		1970 FY-2	1971 FY-1	1st Q	2nd Q	3rd Q	4th Q	TOTAL	1973 FY+1	1974 FY+2
6a. EFFECTIVENESS										
6b. OUTPUT										
	C Percent of total drivers tested									
	V Total number of drivers licensed									
7. RESP.	8. STD.	9. TASKS & MILESTONES								
DMV	305	11. PARTICIPATIVE DRIVER TRAINING PROGRAM								
		A. Number of Warning Letters Sent (Estimate) (000)								
		B. Personnel - State Level								
		1. Supervisor								
		2. Clerks								
		Devel.	3	4	4	4	4	12	15	17.5
		1	1	1	1	1	1	1	1	1
		4	4	4	4	4	4	4	4	4
10. DESCRIPTION	11. COST BY TASK									
11. This program is responsible for identifying and notifying those citizens who will have their operating privileges revoked or suspended if additional traffic violations are committed.	32 34 9 9 9 9 37 40 43									
	12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES									



HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN		1. STATE VIRGINIA	2. TITLE DRIVER TESTING AND LICENSING	3. NO. 46-72-05-12	4. DATE 2/9/71
5. DRAFTED BY R. E. Spring APPROVED BY John T. Hanna					
6a. EFFECTIVENESS					
6b. OUTPUT	C Percent of total drivers tested	V Total number of drivers licensed	1970 FY-2	1971 FY-1	
			1st Q	2nd Q	3rd Q
7. RESP.	8. STD.	9. TASKS & MILESTONES	FISCAL YEAR 1972		
DMV	305	12. DRIVER HISTORY INFORMATION PROGRAM	4th Q	TOTAL	1973 FY-1
		A. Number of Driving Record Transcripts Furnished to State and Local Law Enforcement Agencies			1974 FY-2
		B. Number of Driving Record Transcripts Furnished to Insurance Companies and other Commercial Accounts			
		C. Personnel - State Level			
		1. Supervisors			
		2. Clerks			
10. DESCRIPTION					
12. This program provides copies of driving records to law enforcement officials and certain commercial users.		11. COST BY TASK \$(000)			
		12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES			
			159	168	
			46	46	
			46	46	
			35	35	
			6	6	
			35	35	
			189	189	
			96	96	
			349	366	
			686	720	
			6	6	
			35	35	
			6	6	
			35	35	
			189	189	
			96	96	
			384	404	
			756	794	
			6	6	
			35	35	
			183	199	
			216		

HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN				1. STATE	VIRGINIA	2. TITLE	DRIVER TESTING AND LICENSING				3. NO. 46-72-05-13	4. DATE	2/9/71										
5. DRAFTED BY APPROVED BY				R. E. Spring John T. Hanna				FISCAL YEAR 1972				1973 FY-1		1974 FY-2									
												TOTAL											
6a. EFFECTIVENESS																							
6b. OUTPUT				C Percent of total drivers tested																			
				V Total number of drivers licensed																			
7. RESP.	8. STD.	9. TASKS & MILESTONES																					
DMV	305	13. HABITUAL OFFENDER PROGRAM																					
		A. Number of citizens certified to courts as possible Habitual Offenders (000)																					
		B. Number of citizens adjudged to be Habitual Offenders by courts (000)																					
		C. Personnel - State Level																					
		1. Supervisor																					
		2. Clerks																					
10. DESCRIPTION		11. COST BY TASK \$(000)				32				34				9		9		37		40		43	
13. This program identifies those citizens whose driving records contain repeated violations and furnishes certified copies of their records to appropriate officials for prosecution as habitual offenders.		12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES																					

HIGHWAY SAFETY PROGRAM ANNUAL SUBPLEMENT PLAN		1. STATE VIRGINIA	2. TITLE	DRIVER TESTING AND LICENSING		3. NO. 46-72-05-14	4. DATE 2/9/71
5. DRAFTED BY R. E. Spring APPROVED BY John T. Hanna		FISCAL YEAR 1972		1971 FY-1	1972 FY-2	1973 FY-3	1974 FY-4
		1st Q	2nd Q	3rd Q	4th Q	TOTAL	
6a. EFFECTIVENESS							
6b. OUTPUT							
7. RESP.	8. STD.	9. TASKS & MILESTONES					
DMV	305	10. OVERALL PROGRAM ADMINISTRATION AND MANAGEMENT					
		A. Personnel - State Level					
		1. Administrators					
		2. Department Managers					
		3. Regional Managers					
		4. Assistant Department Managers					
		5. Assistant Regional Managers					
		6. Staff Assistants					
		7. Secretaries					
10. DESCRIPTION		11. COST BY TASK \$(000)					
14. The personnel outlined in this subelement are responsible for the overall administration and management of all programs and projects.		96	101	28	28	28	130
		12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES					

HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN		1. STATE	2. TITLE		Driver Testing and Licensing		3. NO. 46-72-05-15				4. DATE 2/9/71											
5. DRAFTED BY R. E. Spring APPROVED BY John T. Hanna			1970 FY-2		1971 FY-1		FISCAL YEAR 19 72		1st Q		2nd Q		3rd Q		4th Q		TOTAL		19 73 FY+1		19 74 FY+2	
6a. EFFECTIVENESS																						
6b. OUTPUT			C Percent of total drivers tested																			
			V Total number of drivers licensed																			
7. RESP.			8. STD.		9. TASKS & MILESTONES																	
DMV			305		15. Electronic Data Processing																	
10. DESCRIPTION			11. COST BY TASK \$(000)		2254		3000		847		847		847		847		3386		3892		4574	
This subelement concerns electronic data processing of driver testing and licensing transactions.																						
12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES																						

HIGHWAY SAFETY PROGRAM ANNUAL SUBLEMENT PLAN		1. STATE VIRGINIA	2. TITLE DRIVER TESTING AND LICENSING		3. NO. 46-72-05-16	4. DATE 2/9/71
5. DRAFTED BY R. E. Spring APPROVED BY John T. Hanna		1970 FY-2	1971 FY-1	FISCAL YEAR 1972	1973 FY-1	1974 FY-2
6a. EFFECTIVENESS		1st Q	2nd Q	3rd Q	4th Q	TOTAL
6b. OUTPUT	C Percent of total drivers tested V Total number of drivers licensed					
7. RESP. DMV	8. STD. 305	9. TASKS & MILESTONES 16. MOBILE EXAMINING STATIONS PROJECT (Pilot Project)				
10. DESCRIPTION 16. This project will determine the feasibility of using mobile examining stations in areas of the state serviced by traveling examiners; and if feasibility is established, to acquire two mobile examining stations, and conduct a pilot operation to verify practicality and public acceptance.		11. COST BY TASK \$(000)				
		12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES				
		16	16	16	16	62
						10

HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN		1. STATE VIRGINIA	2. TITLE DRIVER TESTING AND LICENSING		3. NO. 46-72-05-17	4. DATE 2/9/71
		5. DRAFTED BY R. E. Spring APPROVED BY John T. Hanna	FISCAL YEAR 1972		TOTAL	
			1st Q	2nd Q	3rd Q	4th Q
		1970 FY-2	1971 FY-1	1972 FY-1		
6a. EFFECTIVENESS						
6b. OUTPUT						
	C					
	V					
7. RESP.	8. STD.	9. TASKS & MILESTONES				
DMV	305	17. VISUAL DISPLAY DRIVER TESTING PROJECT (Pilot Project)				
		DEVEL				
10. DESCRIPTION	11. COST BY TASK \$(000)		16	16	16	10
17. This project will study the feasibility of using visual display driver testing devices in place of written examinations in all or selected examining stations; and if feasibility is established, to acquire visual display driver testing devices, and conduct a pilot operation.						
	12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES					



HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN		1. STATE	VIRGINIA	2. TITLE	DRIVER TESTING AND LICENSING				3. NO. 46-72-05-19				4. DATE	
5. DRAFTED BY APPROVED BY		R. E. Spring John T. Hanna		1970 FY-2	1971 FY-1	1st Q	2nd Q	3rd Q	4th Q	TOTAL	1973 FY+1	1974 FY+2		
6a. EFFECTIVENESS														
6b. OUTPUT		C Percent of total drivers tested												
		V Total number of drivers licensed												
7. RESP.	8. STD.	305		9. TASKS & MILESTONES		19. Driver Improvement Project		Devel						
10. DESCRIPTION		This project will design and implement a Driver Improvement Program in three phases for the Commonwealth of Virginia to be administered by the Division of Motor Vehicles.		11. COST BY TASK \$(000)		24		24		24		24		
				12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES										



HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN		1. STATE	VIRGINIA	2. TITLE	DRIVER TESTING AND LICENSING				3. NO. 46-72-05-20	4. DATE 2/9/71
5. DRAFTED BY R. E. Spring APPROVED BY J. T. Hanna		1970 FY-2	1971 FY-1	FISCAL YEAR 1972		1973 FY+1	1974 FY+2			
				1st Q	2nd Q	3rd Q	4th Q	TOTAL		
6a. EFFECTIVENESS										
6b. OUTPUT										
	C Percent of total drivers tested V Total number of drivers licensed									
7. RESP.	8. STD.	9. TASKS & MILESTONES								
DMV	304	20. Driver Education Statistics Project								
10. DESCRIPTION		11. COST BY TASK \$(000)								
This project is to provide certain statistical data on driver education for the Driver Education Service of the Department of Education.		8								
		12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES								

HIGHWAY SAFETY PROGRAM ANNUAL SUPPLEMENT PLAN		1. STATE VIRGINIA	2. TITLE DRIVER TESTING AND LICENSING		3. NO. 46-72-05-21			4. DATE 2/9/71		
5. DRAFTED BY R. E. Spring APPROVED BY		1970 FY-2	1971 FY-1	1st Q	2nd Q	3rd Q	4th Q	TOTAL	1973 FY-1	1974 FY-2
6a. EFFECTIVENESS										
6b. OUTPUT		C Percent of total drivers tested								
		V Total number of drivers licensed								
7. RESP.	8. STD.	9. TASKS & MILESTONES								
DMV	305	21. SINGLE DRIVER LICENSE PROJECT								
10. DESCRIPTION		11. COST BY TASK								
21. This project will develop plans, including required legislative proposals, and implement a single type driver's license with various classes of operating privileges to replace the present two types (operators and chauffeurs) license presently in use.										
		12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES								

HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN		1. STATE	VIRGINIA	2. TITLE	DRIVER TESTING AND LICENSING				3. NO. 46-72-05-22	4. DATE 2/9/71
5. DRAFTED BY R. E. Spring APPROVED BY John T. Hanna		1970 FY-2	1971 FY-1	FISCAL YEAR 1972		1973 FY+1	1974 FY+2			
		1st Q	2nd Q	3rd Q	4th Q	TOTAL				
6a. EFFECTIVENESS										
6b. OUTPUT										
7. RESP.	8. STD.	9. TASKS & MILESTONES								
DMV	305	22. Proof of Birthdate and Birthplace Project								
10. DESCRIPTION		11. COST BY TASK								
This project will develop plans, including required legislative proposals, and implement a program to require positive proof of place and date of birth whenever a citizen applies for an original license or an instruction permit. This program will enable us to comply with part of standard 305 promulgated by the NHB.										
		12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES								

HIGHWAY SAFETY PROGRAM SUBELEMENT SUPPLEMENT			1. STATE		VIRGINIA		2. TITLE		Driver Licensing		3. No. 46-72-05-23 4. DATE: 2/9/71			
			TOTAL		1	2	3	4	5	6	7	8	9	10
			TASKS											
13.	D	Standard: 305												
I	I	Total (\$000)	7,615	183	293	880	36	183	525	787	549	37	37	
S	F	Federal	352											
T	T	To Localities												
R	R	Prev. Obligations												
		New Obligations	352											
I	I	Standard:												
B	B	Total												
U	U	Federal												
T	T	To Localities												
I	I	Prev. Obligations												
O	O	New Obligations												
N	N	Standard:												
		Total												
B	B	Federal												
Y	Y	To Localities												
		Prev. Obligations												
		New Obligations												
S	S	Standard:												
T	T	Total												
A	A	Federal												
N	N	To Localities												
D	D	Prev. Obligations												
		New Obligations												
A	A	Total												
R	R	Federal												
D	D	To Localities												
		Prev. Obligations												
14.		Local Costs by Object												
		Salaries												
		Per Diem and Travel												
		Contracts												
		Equipment												
		Supplies												
		Maintenance and Operations												
		Total												

HIGHWAY SAFETY PROGRAM SUBELEMENT SUPPLEMENT	1. STATE		VIRGINIA		2. TITLE Driver Licensing										3. No. 46-72-05-244. DATE 2/9/71	
	TOTAL		1 1	12	13	14	15	16	17	18	19	20				
	TASKS															
13. D Standard: 305																
I Total (\$000)		37	183	37	110	3,386	62	65	129	96						
S Federal																
T To Localities																
R Prev. Obligations																
New Obligations																
I Standard:																
B Total																
U Federal																
T To Localities																
I Prev. Obligations																
O New Obligations																
N Standard:																
Total																
Federal																
To Localities																
Prev. Obligations																
New Obligations																
S Standard:																
Total																
A Federal																
N To Localities																
D Prev. Obligations																
New Obligations																
A Total																
R Federal																
D To Localities																
Prev. Obligations																
14. Local Costs by Object																
Salaries																
Per Diem and Travel																
Contracts																
Equipment																
Supplies																
Maintenance and Operations																
Total																

EFFECTIVENESS SUPPLEMENT  
TO THE SUBELEMENT

Title and No. 46-72-05-25	Date 2/9/71	1970 FY-2	1971 FY-1	Fiscal Year 72				1973 FY+1	1974 FY+2
				1st Qt.	2nd Qt.	3rd Qt.	4th Qt.	Total	
6a. EFFECTIVENESS									
The number of drivers required to take a reexamination before renewing their license.		469.4	492.9					517.5	579.5
1.									
2.									
3.									
4.									
5.									
6.									

HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN			1. STATE	VIRGINIA	2. TITLE	Codes and Laws		3. NO. 46-72-06-01	4. DATE 2/9/71				
5. DRAFTED BY APPROVED BY			Walter E. Douglas John T. Hanna		FISCAL YEAR 19 72								
					1970 FY-2	19 71 FY-1	1st Q	2nd Q	3rd Q	4th Q	TOTAL	1973 FY+1	1974 FY+2
6a. EFFECTIVENESS			SEE EFFECTIVENESS SUPPLEMENT TO THE SUBELEMENT										
6b. OUTPUT			C % of local jurisdictions using Va.'s model traffic ordinances*										
			V No. of local jurisdictions using Va.'s model traffic ordinances*										
7.	RESP.	8. STD.	9. TASKS & MILESTONES										
	HSD	306	1. Introduce legislation to bring Virginia's codes and laws into compliance with the Uniform Vehicle Code										
	HSD	306	2. Contract with the Michie Co. to publish model traffic ordinances for Va. counties and municipalities		Intro.								
	HSD	306	3. Contract to compare traffic law provisions of Virginia with the Uniform Vehicle Code.		Intro.  Update  Update								
10. DESCRIPTION The long term goal in Va. is to reduce the number of accidents, including fatalities, personal injuries and property damage due to a vast array of changing and conflicting traffic codes and laws throughout our state and other states. In Virginia we are presently attempting to bring all our codes and laws into compliance with the Uniform Vehicle Code. In order to accomplish this endeavor we have contracted with the Michie Co. to publish a Va. UVC. Legislation is also being introduced in the special session of the General Assembly to meet the standards set up in the UVC.			11. COST BY TASK (\$000)										
			2. Publish and distribute to all political subdivisions copies of Va.'s model traffic ordinances for counties and municipalities		6.960								
			3. Contract to compare Va.'s traffic ordinances with UVC		8.750								
			12. TOTAL COST (\$000)		6.960								
			LOCAL SHARE		63.75								
			STATE SHARE		31.88								
			FEDERAL SHARE		31.88								
			TO LOCALITIES		31.88								
					17								
					27								
					13.5								
					8.5								
					10.5								
					10.5								
					10.5								
					19								
					84								
					59								
					29.5								
					29.5								
					29.5								
					29.5								
					5								
					6								
					8								
					68								
					34								
					34								
					34								

\* This information will be available at a later date.

HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN		1. STATE	VIRGINIA	2. TITLE Codes and Laws				3. NO. 46-72-06-02	4. DATE 2/10/71		
5. DRAFTED BY Walter E. Douglas (WLH) APPROVED BY John T. Hanna		1970 FY-2		1971 FY-1	1st Q	2nd Q	3rd Q	4th Q	TOTAL	1973 FY+1	1974 FY+2
6a. EFFECTIVENESS											
6b. OUTPUT											
		C									
		V									
7. RESP.	8. STD.	9. TASKS & MILESTONES									
HSD	306	4. Develop Public Information Program (Ed. TV, etc.)									
HSD	306	5. Continual updating of state traffic codes									
HSD	306	6. Publication and distribution of state code (no. of copies)									
HSD	306	7. Training policemen on state code provisions									
HSD	306	8. Issuance of inserts for updated state code provisions (no issued)									
HSD	306	9. Establish a program to upgrade and keep in current form - loose leaf fashion - the model traffic ordin- ances for cities and counties									
HSD	306	10. Develop and implement a program to establish new codes and laws for the state									
Traffic Records Committee	310	11. Develop Data System for evaluation of program									
10. DESCRIPTION We plan to publish and dis- tribute copies of the state code to all policemen in the state. A training program is also being established in order to familiarize all policemen with the provisions of the code. New provisions passed by the General Assembly will be sent to all manual holders. A program to upgrade and keep in loose leaf form all model traffic ordinance changes for cities and counties is being developed A complete data system will be developed by the traffic records committee for a more effective evaluation of the code and laws of Virginia. A program is also being developed to encourage adoption of the model traffic ordinances by the cities and counties. The HSD has taken the respon- sibility in bringing Virginia into compliance with standard 306 promulgated by the NHTSB.		11. COST BY TASK									
		4. Develop Public Information Prog.									
		5. Updating of State Traffic Code									
		6. Publish and Distri. State Code									
		7. Police training									
		8. Inserts									
		9. Upgrading model traffic ordinances									
		10. Program for new code provisions									
		11. Develop Data System									
		12. TOTAL COST									
		LOCAL SHARE									
		STATE SHARE									
		FEDERAL SHARE									
		TO LOCALITIES									



HIGHWAY SAFETY PROGRAM SUBELEMENT SUPPLEMENT		1. STATE	VIRGINIA		2. TITLE Codes and Laws		3. No. 46-72-06-034. DATE 2/10/71					
		TOTAL	1	2	3	4	TASKS					
							5	6	7	8	9	10
13.	D Standard: 306											
	I Total (\$000)	84				6	3	25	20	10	5	15
	S Federal	42				3	1.5	12.5	10	5	2.5	7.5
	T To Localities	42										
	R Prev. Obligations	7.9			4.375			12.5	15			
	New Obligations	42				3	1.5	12.5	10	5	2.5	7.5
	I Standard:											
	B Total											
	U Federal											
	T To Localities											
	I Prev. Obligations											
	O New Obligations											
	N Standard:											
T Total												
B Federal												
Y To Localities												
I Prev. Obligations												
New Obligations												
S Standard:												
T Total												
A Federal												
N To Localities												
D Prev. Obligations												
New Obligations												
A Total												
R Federal												
D To Localities												
Prev. Obligations												
14.	Local Costs by Object											
	Salaries											
	Per Diem and Travel											
	Contracts											
	Equipment											
	Supplies											
	Maintenance and Operations											
	Total											



HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN			1. STATE	VIRGINIA	2. TITLE	Traffic Courts			3. NO. 46-72-07-01	4. DATE 2/10/71	
5. DRAFTED BY Walter E. Douglas APPROVED BY John T. Hanna					1970 FY-2	1971 FY-1	FISCAL YEAR 1972 1st Q 2nd Q 3rd Q 4th Q TOTAL			1973 FY+1	1974 FY+2
6a. EFFECTIVENESS SEE EFFECTIVENESS SUPPLEMENT TO THE SUBELEMENT											
6b. OUTPUT			C Per cent of traffic violators convicted								
			V Number of convictions for traffic violations								
7. RESP.	8. STD.	9. TASKS & MILESTONES									
HSD	307	1. Contract for a study of the traffic court operations in Virginia in relation to their impact on highway safety and determine compliance with the National Highway Safety Standards									
HSD		2. Contract for a court procedure manual									
Local Political Subdivisions		3. Court operations - personnel									
Local Political Subdivisions		4. Supplies and Material Equipment Literature Racks Projectors Film									
			contract completed								
			study completed								
			contract								
			25								
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HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN		1. STATE VIRGINIA	2. TITLE Traffic Courts				3. NO. 46-72-07-02	4. DATE 2/10/71			
5. DRAFTED BY APPROVED BY		Walter E. Douglas John T. Hanna	FISCAL YEAR 1972								
6a. EFFECTIVENESS			1970 FY-2	1971 FY-1	1st Q	2nd Q	3rd Q	4th Q	TOTAL	1973 FY+1	1974 FY+2
6b. OUTPUT		C V									
7. RESP.	8. STD.	9. TASKS & MILESTONES									
		4. Con't Indirect Costs Other Contractual Services									
HSD	307	5. Training session workshop for traffic court judges (1 day) No. of judges									
Am. Bar. Assn.	307	6. Train new traffic court judges									
HSD	307	7. Establishment of regional traffic court systems (legislation)									
HSD	307	8. Regional highway safety judicial seminars									
10. DESCRIPTION We intend to conduct studies in areas of traffic court needs and make recommendations to local jurisdictions. These studies will include a court procedures manual, review of the justice of the peace system, etc. We also plan to equip as many courtrooms as possible and to purchase flags and literature racks and related needs. Training session and regional workshops for sitting judges as well as new judges is being developed so as to reach conformity in traffic court decisions throughout the state. A highway safety movie to be shown before traffic court sessions and issuance of driver license is being developed.		11. COST BY TASK (\$000)									
		100.2	100.8	25.75	25.75	25.75	25.75	25.75	103	104	106
		18.8	19.0	5.25	5.25	5.25	5.25	5.25	21	23	24
				25					25	25	25
						5			5	5	5
				2.5	2.5	2.5	2.5	2.5	10	10	10

HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN		1. STATE	VIRGINIA	2. TITLE Traffic Courts		3. NO. 46-72-07-03				4. DATE 2/10/71
5. DRAFTED BY APPROVED BY		1970 FY-2		1971 FY-1	FISCAL YEAR 1972 1st Q 2nd Q 3rd Q 4th Q TOTAL				1973 FY+1	1974 FY+2
6a. EFFECTIVENESS										
6b. OUTPUT		C V								
7. RESP.	8. STD.	9. TASKS & MILESTONES								
HSD	307	9. Hiring of a traffic court administrator							1	1
HSD	307	10. Additional traffic court studies							1	1
Traffic Records Committee	307	11. Develop Data System for evaluation purposes of Traffic Court Program.							Survey Analysis Report Devel.	Imple. Imple.
10. DESCRIPTION We anticipate the hiring of a traffic courts administrator whose job will be to coordinate the traffic court program around the state. His job will be to seek uniform court procedures and courtrooms by working with the judges toward this end. The traffic records committee is in the process of developing a data system program that will enable us to evaluate our program more effectively.		11. COST BY TASK (\$000)								
		9. Traffic Court Administrator							5	28
		10. Additional studies							5	10
		12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES								

HIGHWAY SAFETY PROGRAM SUBELEMENT SUPPLEMENT		1. STATE	VIRGINIA	2. TITLE Traffic Courts										3. No. 46-72-07-04 +. DATE: 2/10/71
		TOTAL	1	2	3	4	5	6	7	8	9	10		
		TASKS												
13.	D Standard: 307													
I	Total (\$000)	1,777		40	1,100	577	25	5		10	20			
S	Federal	299.5		20		249.5	12.5	2.5		5	10			
T	To Localities	279.5	0	0	0	0	0	0	0	0	0			
R	Prev. Obligations	51.3	51.3	0	0	0	0	0	0	0	0			
	New Obligations	299.5		20	0	249.5	12.5	2.5	0	5	10			
I	Standard:													
B	Total													
U	Federal													
T	To Localities													
I	Prev. Obligations													
O	New Obligations													
N	Standard:													
	Total													
B	Federal													
Y	To Localities													
	Prev. Obligations													
	New Obligations													
S	Standard:													
T	Total													
A	Federal													
N	To Localities													
D	Prev. Obligations													
	New Obligations													
A	Total													
R	Federal													
D	To Localities													
	Prev. Obligations													
14.	Local Costs by Object													
	Salaries													
	Per Diem and Travel													
	Contracts													
	Equipment													
	Supplies													
	Maintenance and Operations													
	Total													







HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN		1. STATE	VIRGINIA	2. TITLE Alcohol and Drugs		3. NO.46-72-08-02	4. DATE 2/10/71
5. DRAFTED BY APPROVED BY		Walter Douglas (WLH) John T. Hanna		FISCAL YEAR 19 72		1973 FY+1	1974 FY+2
6a. EFFECTIVENESS				1st Q	2nd Q	3rd Q	4th Q
6b. OUTPUT						TOTAL	
7. RESP.		8. STD.		9. TASKS & MILESTONES			
HSD		308		5. Equipment			
				A. Breath test devices			
				B. Preliminary breath test devices .35/unit			
				C. Postcards for preliminary breath test program			
				D. Mobile trailer			
HSD		308		6. Training (no. of policemen) preliminary devices			
10. DESCRIPTION				11. COST BY TASK (\$000)			
bill was passed allowing the use of preliminary breath tests as a screening device for all drivers stopped because of a suspicion of driving under the influence.  The necessary equipment for this preliminary breath test program and the training of policemen will be handled by the Highway Safety Division.  We also plan to develop and implement an alcohol countermeasures indoctrination program for all policemen. The purpose of this program will be to familiarize all law enforcement personnel with the problems presented by the drinking drivers and pedestrians.				5. Equipment			
				A. Breath test devices			
				B. Preliminary testing devices			
				C. Postcards			
				D. Mobile trailer			
				6. Training			
12. TOTAL COST							
				LOCAL SHARE			
				STATE SHARE			
				FEDERAL SHARE			
				TO LOCALITIES			



HIGHWAY SAFETY PROGRAM SUBPLEMENT SUPPLEMENT		1. STATE		VIRGINIA		2. TITLE Alcohol and Drugs		3. No. 46-72-08-04		4. DATE 2/10/71			
		TOTAL		1	2	3	4	5	6	7	8	9	10
		TASKS											
13.	D Standard: 308												
I	Total (\$000)	245.2					2	168.2	15	30	30		
S	Federal	122.6											
T	To Localities	100.3						84.1	7.5	15	15		
R	Prev. Obligations	10						77.8	7.5	15			
	New Obligations	100.3						10					
I	Standard:												
B	Total												
U	Federal												
T	To Localities												
I	Prev. Obligations												
O	New Obligations												
N	Standard:												
	Total												
B	Federal												
	To Localities												
Y	Prev. Obligations												
	New Obligations												
S	Standard:												
T	Total												
A	Federal												
N	To Localities												
D	Prev. Obligations												
	New Obligations												
A	Total												
R	Federal												
D	To Localities												
	Prev. Obligations												
14.	Local Costs by Object												
	Salaries												
	Per Diem and Travel												
	Contracts												
	Equipment												
	Supplies												
	Maintenance and Operations												
	Total												

EFFECTIVENESS SUPPLEMENT  
TO THE SUBELEMENT

Title and No. 46-72-08-05 Alcohol and Drugs	Date 2/10/71	19 70 FY-2	19 71 FY-1	Fiscal Year 72				19 73 FY+1	19 74 FY+2
				1st Qt.	2nd Qt.	3rd Qt.	4th Qt.		
6a. EFFECTIVENESS									
Number of deaths attributed to alcohol *									
1.									
Injury accidents attributed to alcohol *									
2.									
Amount of economic loss attributed to alcohol *									
3.									
Number of drivers convicted of DWI *									
4.									
Number of accidents attributed to drug abuse *									
5.									
* Information will be available upon completion of our new Traffic Records System									
6.									

HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN		1. STATE	VIRGINIA	2. TITLE	Identification and Surv. of Accident locations		3. NO. 46-72-09-01	4. DATE 2/10/71			
5. DRAFTED BY Walter E. Douglas (WLH) APPROVED BY John T. Hanna		1970 FY-2		1971 FY-1	1st Q	FISCAL YEAR 1972 2nd Q	3rd Q	4th Q	TOTAL	1973 FY+1	1974 FY+2
6a. EFFECTIVENESS		Number of accidents at improved high accident locations		SEE EFFECTIVENESS SUPPLEMENT TO THE SUBELEMENT							
6b. OUTPUT		C	Percent of high accident locations improved *								
		V	Number of high accident locations improved *								
7. RESP.	8. STD.	9. TASKS & MILESTONES									
Traffic Eng.	309	1. Development of systems and programs to identify and inventory high accident locations		Survey	Analyze						
HSD	309	2. Establishment of a multi-discipline surveillance team for review and evaluation of crashes No. of teams			1	1	1	1	1	1	1
Traffic Eng.	309	3. Development of effective countermeasures for reducing accidents identified by inventories or surveillance teams			Design		Report			Imple.	Imple.
Traffic Eng.	309	4. Develop techniques for conducting before and after studies to determine effectiveness of improvements.			Design		Report			Imple.	
10. DESCRIPTION		The identification and surveillance of all accident locations is only one major task in reducing the number of accidents on our city streets in Virginia. It is our immediate goal to establish programs in this area thus assuring that hazardous locations with at least five accidents are identified and improved, if necessary. We are also forming a multi-disciplinary team for state, city and counties to review accident locations immediately after the accident and make recommendations accordingly. An engineering consultant will be hired to work with cities and counties not under the jurisdiction of the VDH, to help them with their program.		11. COST BY TASK (\$000)							
		1. Identify and inventory high accident locations				5	5		10	10	10
		2. Multi-discipline surveillance		30	7.5	7.5	7.5	7.5	30	30	30
		3. Development of effective countermeasures			1	1	2	1	5	1	1
		4. Before and after studies		2	1		1		2	1	1
12. TOTAL COST (\$000)		45		127	36.25	40.25	42.25	35.25	154	152	161
LOCAL SHARE		45		93.5	27.12	29.12	30.12	26.63	113	121	131
STATE SHARE											
FEDERAL SHARE				33.5	9.13	11.13	12.13	8.62	41	31	31
TO LOCALITIES				33.5	9.13	11.13	12.13	8.62	41	31	31

\* This information not yet available.

HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN		1. STATE	VIRGINIA	2. TITLE of Accident Locations	3. NO. 46-72-09-02				4. DATE 2/10/71
5. DRAFTED BY APPROVED BY		Walter E. Douglas, (WLH) John T. Hanna		FISCAL YEAR 1972				19 73 FY+1	1974 FY+2
6a. EFFECTIVENESS		19 70 FY-2	1971 FY-1	1st Q	2nd Q	3rd Q	4th Q	TOTAL	
6b. OUTPUT		C	V						
7. RESP.	8. STD.	9. TASKS & MILESTONES							
HSD	309								
Local Govern. Body	309	15	1	1	1	1	1	1	1
	309	20						24	33
Traffic Record Committee	309	1				1		2	2
10. DESCRIPTION A data system is proposed by the Traffic Records Committee to enable us to evaluate the effectiveness of the state's program in identification and surveillance of accident locations.									
11. COST BY TASK (\$000)									
5. Special Engineering Consultant		35	8.75	8.75	8.75	8.75	8.75	35	20
6. Traffic Engineers (¼ salary)		45	60	18	18	18	18	72	99
12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES									

HIGHWAY SAFETY PROGRAM SUBELEMENT SUPPLEMENT		1. STATE		VIRGINIA		2. TITLE of Accident Locations		Identification and Surv.		3. No. 46-72-09-03 4. DATE: 2/10/71			
		TOTAL		1	2	3	4	5	6	7	8	9	10
		TASKS											
13.	D Standard: 309												
I	Total (\$000)	154	10	30	5	2	35	72					
S	Federal	41	5	15	2.5	1	17.5						
T	To Localities	41	5	15	2.5	1	17.5						
R	Prev. Obligations	7.283											
	New Obligations	41	5	15	2.5	1	17.5						
I	Standard:												
B	Total												
U	Federal												
T	To Localities												
I	Prev. Obligations												
O	New Obligations												
N	Standard:												
	Total												
F	Federal												
T	To Localities												
Y	Prev. Obligations												
	New Obligations												
S	Standard:												
T	Total												
A	Federal												
N	To Localities												
D	Prev. Obligations												
	New Obligations												
A	Total												
R	Federal												
D	To Localities												
	Prev. Obligations												
14.	Local Costs by Object												
	Salaries												
	Per Diem and Travel												
	Contracts												
	Equipment												
	Supplies												
	Maintenance and Operations												
	Total												





HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN			1. XXXXX State of Virginia 2. TITLE Surveillance of Accident Locations		3. NO. 46-72-09-05		4. DATE 2/10/70				
5. DRAFTED BY Fred F. Small APPROVED BY John T. Hanna			FISCAL YEAR 1972								
6a. EFFECTIVENESS Reduction in the number of accidents per volume of traffic at identified and improved hazardous locations. * C % of identified hazardous locations studied and improved.			1970 FY-2	1971 FY-1	1st Q	2nd Q	3rd Q	4th Q	TOTAL	1973 FY-1	1974 FY-2
6b. OUTPUT			17.3%	20%	25%	25%	25%	25%	25%	28%	30%
7. RESP. Traffic and Safety Engineer			28%	30%	8.5%	8.5%	8.5%	8.5%	8.5%	40%	45%
8. STD. 309			225	250	60	60	70	75	275	250	225
9. TASKS & MILESTONES			Continue program-ming								
1. Develop comprehensive automatic data processing identification system.			Systems Program- plan establi- shed	Develop base plan	Initiate program- ming work	Continue program-ming	Continue program-ming	Continue program-ming	Continue program-ming	Continue program-ming	Continue program-ming
2. Establish data base for the above			C o n t i n u a l P r o g r a m								
3. Continued implementation of analysis system with necessary revisions			C o n t i n u a l P r o g r a m								
4. Operations (A) Personnel (1) State Traffic & Safety Engineer 10% (2) Asst. Traffic & Safety Engineer 20%			1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2
10. DESCRIPTION - The long term goal is to reduce the number of accidents including severity of injuries and property damage by identification, surveillance, location correction and follow-up evaluations and analysis.  The immediate objective of this program is to establish an accident identification and surveillance system consistent with increasing volumes in traffic and accident demands utilizing to a greater degree automatic data processing to afford maximum and definite coverage.  Phase 1 - consists of a series of programs which correlate accidents, traffic and geometrics. This, in turn, allows for (Cont.)			11. COST BY TASK (\$000)								
			4A-1 State Traffic and Safety Engr.	2.0	2.0	0.6	0.6	0.6	0.6	2.4	3.4
			A-2 Asst. Traffic and Safety Engr.	7.0	7.6	2.1	2.1	2.1	2.1	8.4	8.9
			A-3 Highway Traffic Engineer C	13.6	14.8	3.7	3.9	3.9	3.9	15.4	16.9
			A-4 Highway Traffic Engineer B	35.2	38.6	9.8	9.9	9.9	9.9	39.5	43.0
			A-5 Highway Traffic Engineer A	42.4	53.8	13.6	13.6	13.7	13.8	54.7	57.8
			A-6 Highway Traffic Technician C	110.5	115.1	29.2	29.2	29.2	29.2	116.8	120.7
			A-7 Highway Traffic Technician B	65.1	67.2	16.9	16.9	17.0	17.0	67.8	69.6
12. TOTAL COST (\$000)			332.2	399.6	89.8	107.9	107.0	107.7	412.4	427.5	440.9
LOCAL SHARE			332.2	399.6	89.8	107.9	107.0	107.7	412.4	427.5	440.9
STATE SHARE											
FEDERAL SHARE											
TO LOCALITIES											

\* See effectiveness supplement to the subelement.



HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN		CITY 1. COUNTY	State of Virginia	Identification and 2. TITLE Surveillance of Accident Locations		3. NO. 46-72-09-07		4. DATE 2/10/71	
5. DRAFTED BY Fred F. Small APPROVED BY John T. Hanna		1970 FY-2	1971 FY-1	FISCAL YEAR 1972		TOTAL		1973 FY-1	1974 FY-2
6a. EFFECTIVENESS				1st Q	2nd Q	3rd Q	4th Q		
6b. OUTPUT		C V							
7. RESP.	8. STD.	9. TASKS & MILESTONES 6. Traffic Conflict Study (A) Location Studied  * Represents a total of 146. locations studied, which includes 300 conflict points on one (1) year contract with F.H.W.A. Additional studies, while not under contract, will be integrated into Phase 3 of this program in analyzing and determining improvement needs at identified locations.  Task cost incorporated into paragraph #4 - Operations (Personnel and Supplies)		*122	*24	(See note this page)			
10. DESCRIPTION		11. COST BY TASK \$(000) 5A Physical Installation		45.0	16.5	16.5	17.0	50.0	57.0
		12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES							

HIGHWAY SAFETY PROGRAM SUBELEMENT SUPPLEMENT		1. STATE	VIRGINIA	2. TITLE of Accident Locations Cities and Counties		3. No. 46-72-09-08 4. DATE 2/10/71									
		TASKS													
		TOTAL	1	2	3	4	5	6	7	8	9	10			
13.	D Standard: 309														
I	Total (\$000)	412.4				362.4	50								
S	Federal														
T	To Localities														
R	Prev. Obligations														
	New Obligations														
I	Standard:														
B	Total														
U	Federal														
T	To Localities														
I	Prev. Obligations														
O	New Obligations														
N	Standard:														
	Total														
B	Federal														
	To Localities														
Y	Prev. Obligations														
	New Obligations														
S	Standard:														
T	Total														
A	Federal														
N	To Localities														
D	Prev. Obligations														
	New Obligations														
A	Total														
R	Federal														
D	To Localities														
	Prev. Obligations														
14.	Local Costs by Object														
	Salaries														
	Per Diem and Travel														
	Contracts														
	Equipment														
	Supplies														
	Maintenance and Operations														
	Total														

EFFECTIVENESS SUPPLEMENT  
TO THE SUBELEMENT

Title and No. 46-72-09-09 Identification and Surveillance of Accident Locations	Date 2/10/71	19 70	1971	Fiscal Year 72				1973	19 74
		FY-2	FY-1	1st Qt.	2nd Qt.	3rd Qt.	4th Qt.	FY-1	FY-2
6a. EFFECTIVENESS									
*Reduction in the number of accidents per volume of traffic at identified and improved hazardous locations.									
1.									
* Deaths before and after improvement									
2.									
* Injuries before and after improvements									
IV-97									
3.									
* Economic loss before and after improvements									
4.									
* Information will be available upon completion of new traffic records committee.									
5.									
6.									

HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN		1. STATE VIRGINIA	2. TITLE Traffic Records		3. NO. 46-72-10-01	4. DATE 2/10/71
5. DRAFTED BY Bob DuVal (WLH) APPROVED BY John T. Hanna			1970 FY-2	1971 FY-1	FISCAL YEAR 1972 1st Q 2nd Q 3rd Q 4th Q TOTAL	1973 FY+1 1974 FY+2
6a. EFFECTIVENESS				SEE EFFECTIVENESS SUPPLEMENT TO THE SUBELEMENT		
6b. OUTPUT		Percent of accident reports incorporated in uniform state-wide system. V Number of accident reports incorporated in uniform state-wide system.				
7. RESP.	8. STD.	9. TASKS & MILESTONES				
HSD	310	1. Development of a traffic records committee		Estab.		
Traffic Records Committee	310	2. Study of Virginia's Traffic Records System		Bids	Survey Analysis	
"	310	3. Systems Design			Design	Design Program Imple.
	310	4. Traffic Records Workshop				
10. DESCRIPTION The long-term goal of our traffic records program in Virginia is to reduce the number of accidents including fatalities, personal injuries, and property damage due to the lack of sufficient traffic records for police enforcement. The state of Virginia, in complying with the standard promulgated by the N. H. S. B. has established a Traffic Records Committee composed of personnel from the H. S. D., V. D. H., and D. M. V., State Police, and the Division of Automated Data Processing. In a recent publication entitled "Governor's Management Study", the authors recommended that the state "transfer		11. COST BY TASK (\$000) 2. Study of Virginia's Traffic Record System 3. System Design 4. Traffic Records Workshop	75	100	50	175
12. TOTAL COST (\$000) LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES		55 30.6 24.4 24.4	75	37.5 37.5	50 25 25	280 140 140

HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN			1. STATE	VIRGINIA	2. TITLE	Traffic Records				3. NO.	46-72-10-02	4.	DATE	2/10/71
5. DRAFTED BY Bob DuVal (WLH) APPROVED BY John T. Hanna														
6a. EFFECTIVENESS														
6b. OUTPUT														
7. RESP. Traffic Records Committee														
8. STD. 310  310														
9. TASKS & MILESTONES  5. Traffic Record Systems Analysis  6. Hire consultants to help cities and towns with their traffic records program  7. Traffic Records Inventory (NHSO)														
10. DESCRIPTION (continued) responsibility for processing and compilation of highway accident statistics to the Highway Safety Division. The present procedure for handling highway accident statistics requires separate keypunch and data processing runs for the Division of Motor Vehicles, the Department of State Police, and the Department of Highways. Each agency must obtain selective data which involves unne- cessary duplication and severe delay. Early avail- ability of these data are required to promote improved highway safety. The proposed procedures will require a detailed systems analysis to develop a revised														
11. COST BY TASK (\$000) 5. Traffic Records Systems Analysis  6. Consultant														
12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES														

HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN		1. STATE	VIRGINIA	2. TITLE	Traffic Records				3. NO. 46-72-10-03	4. DATE 2/10/71			
5. DRAFTED BY		Bob DuVal (WLH)			FISCAL YEAR 1972				1973	1974			
APPROVED BY		John T. Hanna			1970	1971	1st Q	2nd Q	3rd Q	4th Q	TOTAL	FY+1	FY+2
6a. EFFECTIVENESS													
6b. OUTPUT		<div>C</div> <div>V</div>											
7. RESP.	8. STD.	9. TASKS & MILESTONES											
10. DESCRIPTION (continued) form, preferably filled out by the investigating officer for mark-sensing equipment, and a new program to produce printouts from the common data base. This will satisfy each of the several agencies' requirements. The development, testing and implementation of the streamlined system will be carried out by consultant's hired by the traffic records committee. The hiring of special Engineering Consultants is also anticipated, for the purpose of working with the local political subdivisions for the implementation of a complete traffic records system. We intend to hire four or five consultants		11. COST BY TASK											
12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES													



HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN		1. STATE, VIRGINIA	2. TITLE Traffic Records	3. NO. 46-72-10-04				4. DATE 2/10/71	
5. DRAFTED BY Bob DuVal (WLH) APPROVED BY John T. Hanna		FISCAL YEAR 19 72		19 73		19 74			
		1st Q	2nd Q	3rd Q	4th Q	TOTAL	FY+1	FY+2	
6a. EFFECTIVENESS									
6b. OUTPUT		C							
V									
7. RESP.	8. STD.	9. TASKS & MILESTONES							
10. DESCRIPTION (Continued) on a part time basis for this purpose. We hope to extend this service to as many cities and towns as possible within the next year. Several cities have hired a special traffic records engineer to work with them in the development of their traffic records systems and also to help them interpret the records they collect. Upon completion of this program the state of Va. will be able to evaluate the 16 highway safety standards promulgated by the N. H. S. B. more effectively.		11. COST BY TASK							
		12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES							

HIGHWAY SAFETY PROGRAM SUBELEMENT SUPPLEMENT		1. STATE VIRGINIA		2. TITLE Traffic Records						3. No. 46-72-10-05 4. DATE 2/10/71			
		TOTAL		1	2	3	4	5	6	7	8	9	10
		TASKS											
13.	D Standard: 310												
	I Total (\$000)	300			175	100			25				
	S Federal	150			87.5	50			12.5				
	T To Localities												
	R Prev. Obligations	500											
	New Obligations	150			87.5	50			12.5				
	I Standard:												
	B Total												
	U Federal												
	T To Localities												
	I Prev. Obligations												
	O New Obligations												
	N Standard:												
Total													
Federal													
To Localities													
Prev. Obligations													
New Obligations													
S Standard:													
Total													
Federal													
To Localities													
Prev. Obligations													
New Obligations													
A Total													
Federal													
To Localities													
Prev. Obligations													
Local Costs by Object													
Salaries													
Per Diem and Travel													
Contracts													
Equipment													
Supplies													
Maintenance and Operations													
Total													



HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN		1. STATE VIRGINIA	2. TITLE Traffic Records DMV	3. NO. 46-72-10-07	4. DATE 2/10/71
5. DRAFTED BY R. E. Spring APPROVED BY John T. Hanna					
6a. EFFECTIVENESS					
6b. OUTPUT					
7. RESP.					
8. STD.					
9. TASKS & MILESTONES					
1. Traffic Records Electronic Data Processing Program					
a. Number of Transactions Processed (000,000)					
b. Number of Motorist Records (000,000)					
c. Number of Vehicle Records (000,000)					
10. DESCRIPTION The long range goal of the DMV Traffic Records Program is to reduce deaths personal injuries and property damage caused by the lack of sufficient records for enforcement purposes. The immediate goal at DMV is to provide complete motorist and vehicle information to authorized requesters immediately upon request through automation. DMV's programs are shown on the subelement plan.					
11. COST BY TASK (\$000)					
12. TOTAL COST (\$000)					
LOCAL SHARE					
STATE SHARE					
FEDERAL SHARE					
TO LOCALITIES					



HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN		1. STATE VIRGINIA	2. TITLE Traffic Records DMV	3. NO. 46-72-10-09				4. DATE 2/10/71	
5. DRAFTED BY R. E. Spring APPROVED BY John T. Hanna		1970 FY-2	1971 FY-1	FISCAL YEAR 1972		1973 FY+1	1974 FY+2		
				1st Q	2nd Q	3rd Q	4th Q	TOTAL	
6a. EFFECTIVENESS									
C Percent of Records on Automated Files									
V Number of Records on Automated Files									
7. RESP.	8. STD. 310	9. TASKS & MILESTONES 3. Crash Report Statistics Report a. Research and document local law enforcement reporting requirements. b. Research and document other state agencies' reporting requirements. c. Define expanded data capture requirements. d. Define expanded data base requirements. e. Define reports required.							
10. DESCRIPTION		11. COST BY TASK (\$000)							
3. Crash Report Statistics Project. This project is designed to expand the comprehensive data that the Division of Motor Vehicles is required to maintain, research crash report statistical requirements of other state and local agencies and satisfy these requirements with timely statistical reports.		12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES							

HIGHWAY SAFETY PROGRAM SUBELEMENT SUPPLEMENT	1. STATE VIRGINIA		2. TITLE Traffic Records DMV										3. No. 46-72-10-10		4. DATE 2/10/71	
	TOTAL		TASKS													
	1	2	3	4	5	6	7	8	9	10						
13. D Standard: 310																
I Total (\$000)	1,280	930	350													
S Federal	350.		350													
T To Localities																
R Prev. Obligations																
New Obligations	350		350													
I Standard:																
B Total																
U Federal																
T To Localities																
I Prev. Obligations																
O New Obligations																
N Standard:																
Total																
B Federal																
Y To Localities																
Prev. Obligations																
New Obligations																
S Standard:																
Total																
A Federal																
N To Localities																
D Prev. Obligations																
New Obligations																
A Total																
R Federal																
D To Localities																
Prev. Obligations																
14. Local Costs by Object																
Salaries																
Per Diem and Travel																
Contracts																
Equipment																
Supplies																
Maintenance and Operations																
Total																

EFFECTIVENESS SUPPLEMENT  
TO THE SUBELEMENT

Title and No. 46-72-10-11 Traffic Records	Date 2/10/71	19 70 FY-2	19 71 FY-1	Fiscal Year 72				19 73 FY+1	19 74 FY+2
				1st Qt.	2nd Qt.	3rd Qt.	4th Qt.		
6a. EFFECTIVENESS									
*Average record retrieval time									
1.									
*Average time for record entry									
2.									
IV-108									
3.									
4.									
5.									
6.	*Data will be available upon completion of new traffic records system.								



HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN		1. STATE	VIRGINIA	2. TITLE	Emergency Medical Service		3. NO. 46-72-11-01	4. DATE 2/10/71			
5. DRAFTED BY S. S. Hellman, Supervisor APPROVED BY John T. Hanna					1970 FY-2	1971 FY-1	FISCAL YEAR 1972 1st Q 2nd Q 3rd Q 4th Q		1973 FY+1	1974 FY+2	
6a. EFFECTIVENESS	Number of fatalities among reported injured. Number of people within 20 min. response time of an C EMS facility.					SEE EFFECTIVENESS SUPPLEMENT TO THE SUBELEMENT					
6b. OUTPUT	V Number of road miles within 20 min. response time.				NA						
7. RESP. Local Comm. EMS State Dept. of Health	8. STD. 311 311 311				0 5  1 1 3 1 12 12	25 8  1 1 3 2 12 12	15 3  1 1 3 2 12 12	15 6  1 1 3 2 12 12	15 2  1 1 3 2 12 12	50 10  1 1 3 2 12 12	
9. TASKS & MILESTONES 1. Organize EMS Advisory Council-number existing 2. Increase the number of EMS Facilities 3. Department Operations: a. Personnel: Director Supervisor Field Representatives Secretary b. Office Suite (space) Per Month c. Operations Per Month											
10. DESCRIPTION The long-term goal of the Office of Emergency Medical Services is to reduce among the reported injured: (a)the severity of injuries; (b)complications; (c)days out of work; (d)length of hospital stay; (e)economic loss; (f) and in addition, the number of deaths and permanent disabling injuries due to the lack of local emergency medical service facilities which contribute to an increase in response time. To reach the projected long-term goal, we must inaugurate the following criteria immediately: (1) To establish Community Emergency Medical Services Advisory Councils in each political					57 1.4 3	56 1.4 4.3	16 .350 .9	16 .350 .9	16 .350 .9	65 1.4 3.6	70 1.4 4 75 1.4 4.5
11. COST BY TASK (\$000) 3. Department Operations: Personnel Office (Rent) Supplies, Other Direct Costs											
12. TOTAL COST (\$000) LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES					994 831 6 163 106	1,242 1,186 219 163	318 248 70 54	317 248 71 55	320 248 71 55	1,275 992 283 218	1,274 921 353 283 1,295 867 428 353

NA - Information not yet available

HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN		1. STATE	VIRGINIA	2. TITLE	Emergency Medical Services		3. NO. 46-72-11-02	4. DATE 2/10/71
5. DRAFTED BY S. S. Heliman, Supervisor APPROVED BY John T. Hanna		FISCAL YEAR 19 72		19 71	19 72	19 73	19 74	
6a. EFFECTIVENESS		FY-2		FY-1	1st Q	2nd Q	3rd Q	4th Q
6b. OUTPUT		C		V		TOTAL		
7. RESP.	8. STD.	9. TASKS & MILESTONES		19 70	19 71	19 72	19 73	19 74
Local Gov't.	311	4. Procure Equipment:		FY-2	FY-1	1st Q	2nd Q	3rd Q
		a. Ambulance (average costs vehicle \$8,000.00)		75	100	25	25	25
		b. Minimum Medical Supplies (average \$400.00/unit)		75	100	25	25	25
		c. Communications Equipment:						
		1. Base station installations (average costs \$2,500.)		8	15	4	4	4
		2. Mobile units (average costs \$750.00)		50	50	13	12	12
		3. Portable units (average costs \$500.00)		50	70	25	25	25
		4. Alerting units (average costs \$150.00)		50	65	15	15	15
		5. Hospital installations (average costs \$500.00)		4	6	2	3	3
		d. Oxygen (\$500.00 per facility per year)		412	420	423	427	433
		e. Rescue Equipment (\$850.00 per unit)		10	16	5	5	5
10. DESCRIPTION (continued)subdivision, thus obtaining pertinent information as to the existing emergency medical services facilities, thereby providing the local governing body with a sound proposal to either upgrade or expand its respective program. (2) To encourage local installation of central dispatching systems and the training of all personnel connected with communications operations, base, mobile, medical facility, and mobile to mobile. (3) To train and certify as many lay persons as possible in the Standard and Advanced Course of First Aid as taught by the American Red Cross, United States Bureau of Mines or the equivalent through		11. COST BY TASK (\$000)		994	831	300	304	304
		4. Procure Equipment						
		12. TOTAL COST						
		LOCAL SHARE						
		STATE SHARE						
		FEDERAL SHARE						
		TO LOCALITIES						

HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN				1. STATE VIRGINIA		2. TITLE		Emergency Medical Services		3. NO. 46-72-11-03		4. DATE 2/10/71							
5. DRAFTED BY S. S. Hellman, Supervisor APPROVED BY John T. Hanna				FISCAL YEAR 19 72		1st Q		2nd Q		3rd Q		4th Q		TOTAL		1973 FY+1		1974 FY+2	
6a. EFFECTIVENESS						1970 FY-2		1971 FY-1											
6b. OUTPUT				C															
				V															
7. RESP.				8. STD.		9. TASKS & MILESTONES													
U.S. Bureau of Mines or Equivalent				311		5. Training and Certification													
						a. Standard First Aid (Number Certified)													
						1. EMS personnel													
						2. Police (State Police Only)*													
						3. Firemen (Estimated 40%)													
Hospital EMS						4. General Public													
						b. Advanced First Aid													
						1. EMS personnel													
						2. Police													
						3. Firemen (Estimated 20%)													
						4. General Public													
						c. Paramedic Training													
						1. EMS personnel (Number Certified)													
						2. Retrain (Number Certified)													
						8,118													
						2,000													
						3,000													
						2,500													
						10,000													
						1,000													
						4,693													
						4,693													
						5,125													
						1,000													
						6,125													

\*State Police only, no data from local police is available.

HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN		1. STATE	VIRGINIA	2. TITLE	Emergency Medical Services				3. NO. 46-72-11-04	4. DATE 2/10/71
5. DRAFTED BY S. S. Hellman, Supervisor APPROVED BY John T. Hanna		19 70 FY-2	19 71 FY-1	FISCAL YEAR 1972				TOTAL	19 73 FY+1	1974 FY+2
6a. EFFECTIVENESS										
6b. OUTPUT		C	V							
7. RESP.	8. STD.	9. TASKS & MILESTONES								
EMS Supervisor 311	311	5. (Continued)								
		d. Medical Self Help								
		6. Communications								
		a. Training								
		1. Mobile Operators								
Supervisor EMS		2. Base Station Operators								
		b. Certification								
		1. Base Station Operators								
	311	2. Central Dispatching Operators								
	310	7. Defensive Driving Course (Number Certified)								
		8. Record System for evaluation of our EMS program								
10. DESCRIPTION (continued) as presented by the National Safety Council. (5) To design and implement a comprehensive record system that will enable the Office of Emergency Medical Services to measure our Emergency Medical Services Program more effectively. (6) To continue the Hospital Service Sign Program, a cooperative effort with the State Highway Department and local city governing bodies, administrative and traffic, designing the most direct route to a medical facility.		11. COST BY TASK								
Due to the lack of sufficient emergency medical services records from political subdivisions, it will not be feasible to measure effectively all the		12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES								

HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN		1. STATE	VIRGINIA	2. TITLE	Emergency Medical Services				3. NO. 46-72-11-05	4. DATE 2/10/71
5. DRAFTED BY S. S. Hellman, Supervisor APPROVED BY John T. Hanna		1970 FY-2	1971 FY-1	FISCAL YEAR 1972				1973 FY+1	1974 FY+2	
		1st Q	2nd Q	3rd Q	4th Q	TOTAL				
6a. EFFECTIVENESS										
6b. OUTPUT	C V									
7. RESP.	8. STD.	9. TASKS & MILESTONES								
10. DESCRIPTION (Continued) elements in our long-range goal. The measures used to evaluate the effectiveness in our program will have to be categorized as proxies until a better system or method is established whereby records will be available. The formula used to measure the effectiveness of our program will be determined by the number of available ambulances in the Commonwealth, and the number of certified emergency medical care personnel. The State Emergency Medical Services Program will be implemented by the supervisor of Emergency Medical Services of the Division of Special Health Services, State Department of		11. COST BY TASK								
		12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES								

HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN		1. STATE VIRGINIA	2. TITLE Emergency Medical Services	3. NO. 46-72-11-06				4. DATE 2/10/71		
5. DRAFTED BY S. S. Hellman, Supervisor APPROVED BY John T. Hanna		1970 FY-2	1971 FY-1	1st Q	2nd Q	3rd Q	4th Q	TOTAL	1973 FY+1	1974 FY+2
6a. EFFECTIVENESS										
6b. OUTPUT										
7. RESP.	8. STD.	9. TASKS & MILESTONES								
10. DESCRIPTION (continued) Health. The development of a traffic record system will enable us to evaluate our program.		11. COST BY TASK								
		12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES								

HIGHWAY SAFETY PROGRAM SUBPLEMENT SUPPLEMENT		1. STATE	VIRGINIA		2. TITLE	Emergency Medical Services										3. No.	4. DATE	2/10/71
		TOTAL		1	2	3	4	5	6	7	8	9	10					
		TASKS																
13.	D Standard: 311																	
I	Total (\$000)	1,275																
S	Federal	283				65	1,210											
T	To Localities	218				65	218											
R	Prev. Obligations																	
	New Obligations	283				65	218											
I	Standard:																	
B	Total																	
U	Federal																	
T	To Localities																	
I	Prev. Obligations																	
O	New Obligations																	
N	Standard:																	
	Total																	
B	Federal																	
Y	To Localities																	
	Prev. Obligations																	
	New Obligations																	
S	Standard:																	
T	Total																	
A	Federal																	
N	To Localities																	
D	Prev. Obligations																	
	New Obligations																	
A	Total																	
R	Federal																	
D	To Localities																	
	Prev. Obligations																	
14.	Local Costs by Object																	
	Salaries																	
	Per Diem and Travel																	
	Contracts																	
	Equipment																	
	Supplies																	
	Maintenance and Operations																	
	Total																	

EFFECTIVENESS SUPPLEMENT  
TO THE SUBELEMENT

Title and No. 46-72-11-08 Emergency Medical Services 311	Date	19 70 FY-2	19 71 FY-1	Fiscal Year 72					19 73 FY+1	19 74 FY+2	
	2/10/71			1st Qt.	2nd Qt.	3rd Qt.	4th Qt.	Total			
6a. EFFECTIVENESS											
*Number of fatalities among reported injured											
1.											
2.											
IV-116 3.											
4.											
5.											
6.											

\*Data will be available upon completion of new traffic records system.

\*Data will be available upon completion of new traffic records system.



HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN			1. STATE	VIRGINIA	2. TITLE	Highway Design, Construction and Maintenance				3. NO. 46-72-12-01	4. DATE 2/10/71		
5. DRAFTED BY APPROVED BY			Walter Douglas John T. Hanna			1970 FY-2	1971 FY-1	FISCAL YEAR 1972 1st Q 2nd Q 3rd Q 4th Q			1973 FY+1	1974 FY+2	
6a. EFFECTIVENESS			SEE EFFECTIVENESS SUPPLEMENT TO THE SUBELEMENT										
6b. OUTPUT			C Percent of mileage meeting current safety standards* V Mileage improved to meet higher safety standard*										
7.	RESP.	8. STD.	9. TASKS & MILESTONES										
	HSD VDH	312	1. Develop a program to determine the need and priority for the improvement of roadway lighting.										
	HSD VDH	312	2. Program to develop better guidance, warning and regulation of traffic at construction sites and the evaluation of existing safety guidelines and manuals.										
	HSD VDH	312	3. Develop programs in the following areas A. Pavement skid resistance B. Elimination of hazardous fixed objects C. Use of breakaway structures for signs, signals, and lighting										
10. DESCRIPTION			The long term goal is to reduce the number of accidents, fatalities, personal injuries and property damage due to poorly designed, constructed and maintained roadways. Presently the Department of Highways works with cities and towns not under its jurisdiction for proper design, construction and maintenance of all roadways. To accomplish this goal we intend to develop and implement programs that will help the cities and towns with their roadway construction. These programs will be shown on the S.E.P. A data system is being designed by the Traffic Records Committee that will enable us to measure			11. COST BY TASK \$(000)			1-6 Programs				
						12. TOTAL COST \$(000)			LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES			220	230
												42,927 4,040 38,887	46,610 4,427 42,183
												100	150
												100	150

\* Data not yet available.

HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN		1. STATE VIRGINIA	2. TITLE Highway Design, Construction and Maintenance	3. NO. 46-72-12-02	4. DATE 2/10/71
5. DRAFTED BY APPROVED BY		Walter Douglas John T. Hanna			
6a. EFFECTIVENESS					
6b. OUTPUT					
7. RESP.					
8. STD.					
312					
HSD					
VDH					
9. TASKS & MILESTONES					
3. Continued					
D. Improvement to hazardous railroad grade crossing					
E. Improve maintenance procedures to provide greater safety					
F. Installation of guardrail at locations of special hazard					
G. Modernization of guardrail to meet current safety standards					
H. Improved guide signing to hospitals					
4. Develop a program to train highway operations personnel in emergency procedures for summoning aid and protecting others from hazards at accidents sites					
11. COST BY TASK					
12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES					
10. DESCRIPTION					
HSD					
VDH					
1970 FY-2					
1971 FY-1					
FISCAL YEAR 1972					
1st Q					
2nd Q					
3rd Q					
4th Q					
TOTAL					
1973 FY+1					
1974 FY+2					



HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN		1. STATE VIRGINIA	2. TITLE Highway Design, Construc- tion and maintenance				3. NO. 46-72-12-04	4. DATE 2/10/71	
5. DRAFTED BY APPROVED BY		Walter E. Douglas John T. Hanna	(WLH)	1970 FY-2	1971 FY-1	FISCAL YEAR 1972 1st Q 2nd Q 3rd Q 4th Q TOTAL		1973 FY+1	1974 FY+2
6a. EFFECTIVENESS									
6b. OUTPUT									
7. RESP.	8. STD.	9. TASKS & MILESTONES							
VDH Local Govern.	312	8. Construction (15% local cost)							
VDH Local Govern.	312	9. Maintenance							
10. DESCRIPTION		11. COST BY TASK \$(000)							
		8. Construction Federal Urban Topics State Arlington and Henrico Co. 9. Maintenance							
		12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES							
		<div>4,234</div> <div>3,398</div> <div>15,000</div> <div>4,000</div> <div>16,000</div> <div>4,500</div> <div>3,700</div> <div>16,000</div> <div>5,000</div> <div>17,000</div> <div>5,000</div> <div>18,000</div>							

HIGHWAY SAFETY PROGRAM SUBELEMENT SUPPLEMENT	1. STATE	VIRGINIA	2. TITLE Highway Design, Construction and Maintenance. No. 46-72-12-054. DATE 2/10/71									
			TASKS									
	TOTAL	1	2	3	4	5	6	7	8	9	10	
13. D Standard: 312												
I Total (\$000)	42,927							295	26,632	16,000		
S Federal												
T To Localities												
R Prev. Obligations												
New Obligations												
I Standard:												
B Total												
U Federal												
T To Localities												
I Prev. Obligations												
O New Obligations												
N Standard:												
Total												
B Federal												
Y To Localities												
Prev. Obligations												
New Obligations												
S Standard:												
Total												
A Federal												
N To Localities												
D Prev. Obligations												
New Obligations												
A Total												
R Federal												
D To Localities												
Prev. Obligations												
14. Local Costs by Object												
Salaries												
Per Diem and Travel												
Contracts												
Equipment												
Supplies												
Maintenance and Operations												
Total												

EFFECTIVENESS SUPPLEMENT  
TO THE SUBELEMENT

Title and No. 46-72-12-06 Highway Design, Construction and Maintenance 312		Date 2/10/71	19 70 FY-2	1971 FY-1	Fiscal Year 72					1973 FY+1	1974 FY+2
6a. EFFECTIVENESS					1st Qt.	2nd Qt.	3rd Qt.	4th Qt.	Total		
Accidents Deaths Economic loss 1. due to roadway design defects											
Accidents Deaths Economic loss 2. due to poorly constructed roadways											
IV-122 Accidents Deaths Economic loss 3. due to poorly maintained roadway											
4.											
5.											
6.											

HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN		XXXXX 1. XXXXXXX	State of Virginia		2. TITLE		Highway Design, Construction and Maintenance		3. NO. 46-72-12-07		4. DATE 12/4/73	
5. DRAFTED BY L. W. Tyus, Jr. APPROVED BY John T. Hanna		Accident Frequency Rate/100 Million Vehicular Miles on State Highway System		FISCAL YEAR 1972		1973		1972		1971		
6a. EFFECTIVENESS		C		1970		1971		1972		1973		
6b. OUTPUT		V		FY-2		FY-1		FY-1		FY-2		
7. RESP.		8. STD.		347		347		343		340		
Design		312 .		0.58		0.87		0.75		0.83		
9. TASKS & MILESTONES		1. Design (Miles)		100		100		100		100		
A. Interstate System		72.1		96.9		8.2		8.3		8.3		
B. Primary System		102.6		154.9		37.5		37.5		37.5		
C. Secondary System		101.2		173.2		35.8		41.2		38.2		
D. Urban System		20.1		16.8		4.6		4.6		4.7		
10. DESCRIPTION		11. COST BY TASK		3,556		5,376		1,199		4,796		
The long term goal is to reduce the number of accidents including fatali- ties, personal injuries and property damage through adequate design, con- struction, and maintenance of all roadways.		I		2,935		3,841		999		3,995		
		1. Interstate System		1,440		1,502		242		1,516		
		2. Primary System		1,099		1,555		404		1,617		
		3. Secondary System										
		4. Urban System										
		TOTAL COST		285,475		373,612		93,041		92,386		
		LOCAL SHARE										
		STATE SHARE										
		FEDERAL SHARE										
		TO LOCALITIES										
		TOTAL COST										
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		TOTAL COST										
		LOCAL SHARE										

HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN			CNXX 1. XXXXXXXX		State of Virginia		2. TITLE		Highway Design, Construction and Maintenance		3. NO. 46-72-12-08		4. DATE 2/10/71																									
6a. EFFECTIVENESS			5. DRAFTED BY F. L. Burroughs APPROVED BY John T. Hanna			1970 FY-2		1971 FY-1		FISCAL YEAR 1972				1973 FY-1		1974 FY-2																						
			Accident Frequency Rate/100 Million Vehicular Miles on State Highway System			347		347		1st Q		2nd Q		3rd Q		4th Q		TOTAL																				
6b. OUTPUT			C Construction; % of Highway System			347		347								345		343		340																		
			V Construction; Miles			0.58		0.87								0.72		0.75		0.85																		
			296			442										367		386		431																		
7. RESP.			8. STD.			9. TASKS & MILESTONES																																
Highway Construction			312			2. Construction (Miles)																																
						A. Interstate System			72.1			8.2			8.3			8.3			33.1																	
						B. Primary System			102.6			37.5			37.5			37.5			150.0																	
						C. Secondary System			101.2			35.8			41.2			38.2			165.6																	
						D. Urban System			20.1			4.6			4.6			4.6			18.5																	
						3.. Administration																																
						A. Interstate System																																
						B. Primary System																																
						C. Secondary System																																
						D. Urban System																																
10. DESCRIPTION						11. COST BY TASK			II A. 1. Interstate System 2. Primary System 3. Secondary System 4. Urban System B. 1. Interstate System 2. Primary System 3. Secondary System 4. Urban System			(THOUSANDS)			28,425			28,425			28,425			113,700			90,400			67,300								
															21,125			21,125			21,125			84,500			87,800			91,100								
															8,116			8,116			4,091			5,857			25,613			27,926			29,100					
															23,240			23,240			8,550			8,550			34,200			35,600			37,000					
															8,627			12,969			2,894			2,895			2,895			11,531			9,220			6,831		
															6,355			8,264			2,148			2,148			2,148			8,970			9,345					
															2,482			2,590			829			602			2,619			2,853			3,642					
															2,374			3,341			872			872			3,478			3,640			3,758					



HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN			1. KKKX Virginia Department of Highways		2. TITLE		Highway Design, Construction, and Maintenance				3. NO. 46-72-12-69		4. DATE 2/10/71			
5. DRAFTED BY C. O. Leigh APPROVED BY			1970 FY-2		1971 FY-1		FISCAL YEAR 1972						1973 FY-1		1974 FY-2	
6a. EFFECTIVENESS Accident Frequency Rate/100 Million Vehicular Miles on State Highway System			347		347		1st Q		2nd Q		3rd Q		4th Q		TOTAL	
6b. OUTPUT			C o/o of State Highway Serviced		100										345	
7. RESP.			V Number of Miles Serviced		50,733		50,977								51,183	
8. STD.			9. TASKS & MILESTONES													
Maintenance Organization			4.													
			A. Interstate System		660		747								793	
			B. Primary System		7,770		7,780								7,790	
			C. Secondary System		42,303		42,450								42,600	
10. DESCRIPTION			11. COST BY TASK (\$1,000)													
			III													
			1. Interstate System		6,357		7,400		2,000		2,300		2,000		8,300	
			2. Primary System		23,358		24,138		6,000		7,200		6,000		25,200	
			3. Secondary System		32,920		36,114		9,000		10,600		9,000		37,600	
			12. TOTAL COST													
			LOCAL SHARE													
			STATE SHARE													
			FEDERAL SHARE													
			TO LOCALITIES													

HIGHWAY SAFETY PROGRAM SUBELEMENT SUPPLEMENT		1. STATE VIRGINIA		2. TITLE structure and Maintenance										VDH Highway Design, Con-		3. No. 46-72-12-10		4. DATE 2/10/71	
		TOTAL		1	2	3	4	5	6	7	8	9	10						
13.	D Standard: 312	367,321	11,924	284,297	71,100														
I	Total (\$000)																		
S	Federal																		
T	To Localities																		
R	Prev. Obligations																		
	New Obligations																		
I	Standard:																		
B	Total																		
U	Federal																		
T	To Localities																		
I	Prev. Obligations																		
O	New Obligations																		
N	Standard:																		
	Total																		
B	Federal																		
Y	To Localities																		
	Prev. Obligations																		
	New Obligations																		
S	Standard:																		
T	Total																		
A	Federal																		
N	To Localities																		
D	Prev. Obligations																		
	New Obligations																		
A	Total																		
R	Federal																		
D	To Localities																		
	Prev. Obligations																		
14.	Local Costs by Object																		
	Salaries																		
	Per Diem and Travel																		
	Contracts																		
	Equipment																		
	Supplies																		
	Maintenance and Operations																		
	Total																		

HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN		1. STATE	VIRGINIA	2. TITLE	Traffic Control Devices Cities		3. NO. 46-72-13-01	4. DATE 2/10/71
5. DRAFTED BY Walter E. Douglas (WLH) APPROVED BY John T. Hanna		1970 FY-2	1971 FY-1	FISCAL YEAR 1972 1st Q 2nd Q 3rd Q 4th Q		TOTAL	1973 FY+1	1974 FY+2
6a. EFFECTIVENESS		SEE		EFFECTIVENESS		SUPPLEMENT TO THE SUBELEMENT		
6b. OUTPUT		C Per cent of TCD inventoried and improved *						
V No. of TCD inventoried for needs and deficiencies *								
7. RESP.	8. STD.	9. TASKS & MILESTONES						
HSD	313	1. Develop a program to inventory Traffic Control Devices to identify needs and deficiencies.		Study		Devel.		Imple.
HSD	313	2. Establishment of a priority program to upgrade and install Traffic Control Devices for safety and for conformance with approved standards.		Study		Estab.		Imple.
HSD	313	3. Develop a program to study roadway systems to determine where Traffic Engineering Improvements can contribute to safety. (e.g. one-way street operations, turn restrictions, parking restrictions, reversible lanes, turning lanes and signal coordination.)		Devel.		Imple.		Imple.
10. DESCRIPTION The long term goal of our traffic control devices program in Virginia is to reduce the number of accidents, fatalities, personal injuries and property damage due to insufficient and poorly maintained traffic control devices. Programs are being established in the cities of Virginia to improve and update traffic control devices in compliance with standards promulgated by the NHSB. Local traffic engineers will work with the Virginia Department of Highways to insure the proper installation and maintenance of all traffic control devices.		11. COST BY TASK \$(000)		1-7 Planning and Development		9	13	
		12. TOTAL COST \$(000)		LOCAL SHARE		3,623	3,982	
		STATE SHARE		FEDERAL SHARE		3,623	3,982	
		TO LOCALITIES				0	0	
						1,866	1,866	
						1,858	1,858	
						7.5	7.5	
						7.5	7.5	
						1,866	1,866	
						7,463	7,433	
						8,952	8,852	
						25	25	25
						9,968	9,868	
						100	100	100
						100	100	100

\* Data will be available upon completion of new traffic records system.

HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN				1. STATE	VIRGINIA	2. TITLE	Traffic Control Devices Cities				3. NO. 46-72-13-02	4. DATE 2/10/71
5. DRAFTED BY Walter Douglas APPROVED BY John T. Hanna						1970 FY-2	1971 FY-1	FISCAL YEAR 19 72 1st Q 2nd Q 3rd Q 4th Q		TOTAL	1973 FY+1	1974 FY+2
6a. EFFECTIVENESS												
6b. OUTPUT				C V								
7. RESP.	8. STD.	9. TASKS & MILESTONES										
HSD	313	4. Establish a program for before and after studies to be made at Traffic Control Device locations.										
HSD	313	5. Establish a Maintenance Program. (includes a schedule of preventive maintenance, repair and inspection for both daytime and nighttime effectiveness.)										
HSD	313	6. Development of a program for studies to determine proper speed zoning based on Traffic Engineering and Investigation.										
HSD	313	7. Establish special technical training in traffic engineering procedures and in proper use of Traffic Control Devices.										
10. DESCRIPTION		11. COST BY TASK										
A data system will be developed by the Traffic Records Committee enabling us to evaluate our program more effectively. This system will enable us to inform the cities as to their needs in traffic control devices.												
		12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES										

HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN		1. STATE	VIRGINIA	2. TITLE	Traffic Control Devices Cities				3. NO. 46-72-13-03	4. DATE 2/10/71
5. DRAFTED BY APPROVED BY		Walter Douglas John T. Hanna		FISCAL YEAR 1972				1973 FY+1		1974 FY+2
6a. EFFECTIVENESS				1970 FY-2	1971 FY-1	1st Q	2nd Q	3rd Q	4th Q	TOTAL
6b. OUTPUT										
7. RESP.	8. STD.	9. TASKS & MILESTONES								
Local Govern	313	8. Personnel								
		A. Traffic Engineers (15%)								
		B. Traffic Sign Personnel								
		C. Superintendents traffic sign and parking meter maintenance								
		D. Traffic signal repairmen								
Local Govern	313	9. Procure Equipment								
		A. General purpose trucks								
		B. Passenger cars								
		C. Hydraulic ladder trucks (signal)								
10. DESCRIPTION		11. COST BY TASK \$(000)								
		8. Personnel								
		9. Procure Equipment								
		12. TOTAL COST								
		LOCAL SHARE								
		STATE SHARE								
		FEDERAL SHARE								
		TO LOCALITIES								

HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN		1. STATE	VIRGINIA	2. TITLE	Traffic Control Devices Cities				3. NO. 46-72-13-04	4. DATE: 2/10/71	
5. DRAFTED BY Walter Douglas APPROVED BY John T. Hanna					1970 FY-2	1971 FY-1	FISCAL YEAR 1972 1st Q 2nd Q 3rd Q 4th Q		TOTAL	1973 FY+1	1974 FY+2
6a. EFFECTIVENESS											
6b. OUTPUT											
7. RESP.	8. STD.	9. TASKS & MILESTONES									
Local Govern.	313	10. Maintenance and Operations A. Traffic paint B. Signs and markings C. Signal equipment									
Local Govern.	313	11. Study and installation of computerized signal system (topics)									
Local Govern.	313	12. Traffic Engineering short course 3 wks. No. of men attending									
Local Govern.	313	13. Traffic Engineering short course VPI and State University 1 week									
10. DESCRIPTION		11. COST BY TASK \$(000)									
		10. Maintenance and Operations									
		11. Computerized Signal System									
		12. Short Course									
		13. Short Course V. P. I. & S. U.									
		12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES									

HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN				1. STATE	VIRGINIA	2. TITLE	Traffic Control Devices Cities				3. NO. 46-72-13-05	4. DATE 2/10/71				
5. DRAFTED BY Walter Douglas APPROVED BY John T. Hanna				1970 FY-2	1971 FY-1	FISCAL YEAR 1972				1st Q	2nd Q	3rd Q	4th Q	TOTAL	1973 FY+1	1974 FY+2
6a. EFFECTIVENESS																
6b. OUTPUT				C												
V																
7. RESP.	8. STD.	9. TASKS & MILESTONES														
Local Govern	313	14. Training in Evaluation of Highway Accident Studies (a classroom and on the site training course for traffic engineering persons)														
Traffic Records Committee	313	15. Design Data System for evaluation of program.														
10. DESCRIPTION		11. COST BY TASK \$(000)														
		14. Training Course														
		15. Design Data System														
		12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES														
		3	4	1	1	1	1	1.5	4.5	5	5.5					

HIGHWAY SAFETY PROGRAM SUBELEMENT SUPPLEMENT			1. STATE	VIRGINIA	2. TITLE Traffic Control Devices 3. No. 46-72-13-06 4. DATE 2/10/71													
			TOTAL		1	2	3	4	5	6	7	8	9	10	11	12	13	14
			TASKS															
13.	D	Standard:	313															
	I	Total (\$000)		25								1,779	507	2,129	3,000	14	6	4.5
	S	Federal	30	18												7	3	2
	T	To Localities	30	18												7	3	2
	R	Prev. Obligations	0	0								0	0	0	0	0	0	0
		New Obligations	30	18												7	3	2
	I	Standard:																
	B	Total																
	U	Federal																
	T	To Localities																
	I	Prev. Obligations																
	O	New Obligations																
	N	Standard:																
		Total																
	B	Federal																
	Y	To Localities																
		Prev. Obligations																
		New Obligations																
	S	Standard:																
	T	Total																
	A	Federal																
	N	To Localities																
	D	Prev. Obligations																
		New Obligations																
	A	Total																
	R	Federal																
	D	To Localities																
		Prev. Obligations																
14.		Local Costs by Object																
		Salaries																
		Per Diem and Travel																
		Contracts																
		Equipment																
		Supplies																
		Maintenance and Operations																
		Total																



HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN				1. STATE  VIRGINIA		2. TITLE		Traffic Control VDH		3. NO. 46-72-13-07		4. DATE 2/10/71															
5. DRAFTED BY APPROVED BY				Jesse Bullock (WLH) John T. Hanna				FISCAL YEAR 1972				1973 FY+1		1974 FY+2													
6a. EFFECTIVENESS				No. of accident at improved traffic signal locations since 1969		1970 FY-2		1971 FY-1		1st Q		2nd Q		3rd Q		4th Q		TOTAL									
6b. OUTPUT				C % of traffic signal locations improved since 1969 *		64		73		NA		NA		NA		NA		120									
				V No. of traffic signal locations improved		20		50										100									
7. RESP.				8. STD.		9. TASKS & MILESTONES																					
VDH				313		1. Develop a program to study accident prone locations after improvements have been made						Develop						Imple.									
VDH				313		2. Personnel						3						3									
						A. Traffic Eng. "A" (\$12,500)						3						3									
						B. Traffic Eng. "C" (\$14,500)						1						1									
						C. Clerk Steno "C" (\$ 6,500)						1						1									
						D. Maintenance (Personnel)						170						180									
						E. Pavement Marking (No. of Personnel)						302						310									
						F. Traffic Signal Personnel (No. installed)						30						35									
VDH				313		3. Equipment						3						2									
						A. Paint Trucks (\$25,000)						8						0									
						B. Pickup Trucks (\$ 4,000)												10									
10. DESCRIPTION				Our long-term goal in this standard area is to reduce the number of accidents including fatalities, personal injuries and property damage due to lack of and/or improper traffic control devices throughout the state. We plan to improve our program by continuing to improve and update all traffic control devices as needs demand. It is our policy upon notice of high accident location to investigate said location, with the use of specially trained personnel, and make recommendations accordingly. Breakaway signs are now installed at all new sign locations and also where replacements have to be made. The Virginia Department of Highways						11. COST BY TASK (\$000)																	
				2. Personnel						2,600						2,800						750					
										3,840						3,864						750					
				12. TOTAL COST (\$000)						3,840						3,864						750					
				LOCAL SHARE						3,840						3,864						750					
				STATE SHARE																		3,000					
				FEDERAL SHARE																		3,200					
				TO LOCALITIES																		3,600					
										4,239						4,625						5,253					
										4,239						4,625						5,253					

\* Data not available.

HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN				1. STATE		VIRGINIA		2. TITLE		Traffic Control Devices		3. NO. 46-72-13-08		4. DATE 2/10/71	
				5. DRAFTED BY		Jesse Bullock (WLH)				1970 FY-2		FISCAL YEAR 1972 1st Q 2nd Q 3rd Q 4th Q TOTAL		1973 FY+1	
				APPROVED BY		John T. Hanna				1971 FY-1					
6a. EFFECTIVENESS															
6b. OUTPUT				C											
				V											
7. RESP.				8. STD.		9. TASKS & MILESTONES									
VDH				313		3. Equipment (continued)		6		4				2	
						C. Electrical Trucks (\$10,000)		12		5				5	
						D. Sign Trucks (\$ 6,000)		1		0				0	
						E. Pole Trucks (\$35,000)		15		3				4	
						F. Drills (\$ 500)		15		3				4	
						G. Compressor (105 cfm \$8,000)		15		3				4	
VDH				313		4. Department Operations		12		12				12	
						A. Supplies (pencils, paper, etc.)									
						B. Rent No. Months									
						C. Travel									
10. DESCRIPTION (continued)						11. COST BY TASK (\$000)		402		159		52.25		217	
has complete control over all traffic control devices within their jurisdiction which includes all but two of Virginia counties. They have limited authority in the cities. We also plan to work with the Traffic Records Committee to develop a more effective evaluation of our program in traffic control devices. We are presently evaluating our program by keeping records on traffic signals that have installed or improved since 1969. We anticipate more effective evaluation of our program upon completion of the states new traffic records data system.						3. Equipment		2.5		2.8		52.25		250	
						4. Dept. Operations		3		3		52.25		217	
						Supplies		2.5		2.8		52.25		250	
						Rent		3		3		52.25		217	
						Travel		.400		.450		52.25		217	
						12. TOTAL COST									
						LOCAL SHARE									
						STATE SHARE									
						FEDERAL SHARE									
						TO LOCALITIES									

HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN				1. STATE		VIRGINIA		2. TITLE Traffic Control Devices		3. NO. 46-72-13-09				4. DATE 2/10/71		
				5. DRAFTED BY APPROVED BY		Jesse Bullock (WLH) John T. Hanna				FISCAL YEAR 1972						
6a. EFFECTIVENESS																
6b. OUTPUT				C- V												
7. RESP.	8. STD.	9. TASKS & MILESTONES		1970 FY-2	1971 FY-1	1st Q		2nd Q		3rd Q		4th Q		TOTAL	1973 FY+1	1974 FY+2
VDH	313	5. Training (on the job) (no cost) A. Traffic Sign Maintenance (no cost) B. Painters C. Signs (Installation) D. Signal E. Signal Installation.		40 20 10 5 3	50 25 10 8 4									50 30 15 10 7	55 35 10 10 6	55 40 10 15 7
VDH	313	6. Installment Traffic Control Devices A. Primary 1. Signs \$30 each 2. Signals \$7,500 each B. Interstate 1. Signs \$300 each 2. Signals \$1,300 each		13,832 34 516 1	14,000 40 600 1									15,000 50 650 3	15,500 70 700 1	16,000 90 800 1
10. DESCRIPTION		11. COST BY TASK (\$000)														
		6. Install Traffic Control Devices Primary Signs Signals Interstate Signs Signals														
		415 420 112.5 112.5 112.5 112.5 112.5 450 465 480 200 300 93.75 93.75 93.75 93.75 93.75 375 525 675 155 180 48.75 48.75 48.75 48.75 48.75 195 210 240 1.3 1.3 .975 .975 .975 .975 .975 3.9 1.3 1.3														
		12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES														

HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN				1. STATE	VIRGINIA	2. TITLE	Traffic Control Devices		3. NO. 46-72-13-13	4. DATE 2/10/71		
6a. EFFECTIVENESS				5. DRAFTED BY		Jesse Bullock (WLH)	1970 FY-2	1971 FY-1	FISCAL YEAR 1972			
				APPROVED BY					John T. Hanna	1st Q	2nd Q	3rd Q
6b. OUTPUT				C								
				V								
7. RESP. VDH	8. STD. 313	9. TASKS & MILESTONES										
Traffic Records Committee		7. Studies made by traffic and Safety Division										
		A. Railroad grade crossings										
		B. Studies to design and recommend highway illumination - No. of sites approved										
		C. Traffic signals										
		D. Traffic signals modifications										
		E. Flashing caution signals										
		F. Flashing beacons										
		G. Railroad flashing light signals										
	310	8. Development of a data system to effectively evaluate our program										
10. DESCRIPTION		11. COST BY TASK										
		12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES										

HIGHWAY SAFETY PROGRAM SUBPLEMENT SUPPLEMENT		1. STATE		VIRGINIA		2. TITLE		Traffic Control Devices		3. No.		46-72-13-114		DATE		2/10/71							
		TOTAL		1		2		3		4		5		6		7		8		9		10	
13. D Standard: 313																							
I Total (\$000)		4,239				3,000		209		6.36				1,024									
S Federal																							
T To Localities																							
R Prev. Obligations																							
New Obligations																							
I Standard:																							
B Total																							
U Federal																							
T To Localities																							
I Prev. Obligations																							
O New Obligations																							
N Standard:																							
Total																							
Federal																							
To Localities																							
Prev. Obligations																							
New Obligations																							
S Standard:																							
Total																							
Federal																							
To Localities																							
Prev. Obligations																							
New Obligations																							
A Total																							
R Federal																							
D To Localities																							
Prev. Obligations																							
Local Costs by Object																							
Salaries																							
Per Diem and Travel																							
Contracts																							
Equipment																							
Supplies																							
Maintenance and Operations																							
Total																							

1587



HIGHWAY SAFETY PROGRAM ANNUAL SUBPLEMENT PLAN		1. STATE	VIRGINIA	2. TITLE Pedestrian Safety			3. NO. 46-72-14-01	4. DATE 2/10/71
5. DRAFTED BY Billy G. Johnson (WLH) APPROVED BY John T. Hanna				FISCAL YEAR 19 72				
6a. EFFECTIVENESS		Number of accidents involving pedestrians		1st Q	2nd Q	3rd Q	4th Q	TOTAL
6b. OUTPUT		C Percent of population receiving ped. safety info. via news media *		1971 FY-1	1970 FY-2	1971 FY-1	1972 FY-1	1973 FY+1
		V No. of ped. safety programs via news media *		2,383				
7. RESP.		8. STD.	9. TASKS & MILESTONES	1	1	1	1	1
HSD	314		1. Hire professional person to coordinate programs \$12,000					
HSD	314		2. Hire a consultant to develop a public information program for the education of all pedestrians. The program will include the familiarization of drivers with the pedestrian problem and with ways to avoid pedestrian collisions	Bids		Devel. & Imple.	Imple.	
		A. T V spots						9
		B. Radio spots						6
		C. Billboard posters						400
		D. Window and bulletin posters						100,000
		E. 35 mm slide presentations						100,000
		F. Mail and utility and bus posters						3,000
		G. Exhibits						misc.
10. DESCRIPTION		11. COST BY TASK (\$000)		10	3	3	3	12
The long term goal of the pedestrian safety program in Virginia is to reduce the number of accidents including fatalities personal injuries, and property damage involving pedestrians. In accomplishing this goal the state is establishing a comprehensive pedestrian safety education program. The first area of concentration will be a public information program to educate all pedestrians from pre-school age to the elderly, as well as auto drivers and particular ethnic groups. The program will include television spot announcements, posters, radio spots, motion picture films, exhibit material,		1. Professional Personnel			8	8	8	11
		2. Public Information Program						32
		12. TOTAL COST \$(000)		45	48.5	13.5	11	116.15
		LOCAL SHARE		35.9	24.25	6.75	5.5	58.07
		STATE SHARE		35	24.25	6.75	5.5	58.08
		FEDERAL SHARE		.9	24.25	6.75	5.5	58.08
		TO LOCALITIES						58.57

\* Data not available.

HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN		1. STATE  VIRGINIA		2. TITLE Pedestrian Safety		3. NO. 46-72-14-02				4. DATE 2/10/71					
5. DRAFTED BY Billy G. Johnson APPROVED BY John T. Hanna		(WLH)		1970 FY-2		1971 FY-1		FISCAL YEAR 1972 1st Q 2nd Q 3rd Q 4th Q		TOTAL		1973 FY+1		1974 FY+2	
6a. EFFECTIVENESS															
6b. OUTPUT															
7. RESP.		8. STD.		9. TASKS & MILESTONES											
Local Govern- ments		314		3. Safety towns											
HSD		314		4. Bicycle Safety Program A. Lite-a-bike kits at \$3 each B. Bicycle testing machines \$150 each											
Traffic Records Committee		314		5. Design Data System for evaluative purposes.											
10. DESCRIPTION (continued) billboards, bus and mail truck type cards, exhib- its and coloring books. We also propose to build additional safety towns to help in teaching pedes- trian safety to children. With the hiring of a full- time pedestrian safety education specialist we hope to continue improving the pedestrian safety program for the entire state. In conjunction with the traffic records committee a data system will be developed to enable us to evaluate more effec- tively our pedestrian safety program.				11. COST BY TASK \$(000)											
				3. Safety Towns											
				4. Bicycle Safety Program A. Lite-a-bike kits bicycle testing machines											
				12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES											



HIGHWAY SAFETY PROGRAM SUBPLEMENT SUPPLEMENT		1. STATE VIRGINIA		2. TITLE Pedestrian Safety										3. No. 46-72-14-03		4. DATE 2/10/71	
		TOTAL		TASKS													
		1	2	3	4	5	6	7	8	9	10						
13.	D Standard: 314																
I	Total (\$000)	119	32	70	5												
S	Federal	59.5	16	35	2.5												
T	To Localities	59.5	16	35	2.5												
R	Prev. Obligations	0															
	New Obligations	59.5	16	35	2.5												
I	Standard:																
B	Total																
U	Federal																
T	To Localities																
I	Prev. Obligations																
O	New Obligations																
N	Standard:																
	Total																
B	Federal																
Y	To Localities																
	Prev. Obligations																
	New Obligations																
S	Standard:																
T	Total																
A	Federal																
N	To Localities																
D	Prev. Obligations																
	New Obligations																
A	Total																
R	Federal																
D	To Localities																
	Prev. Obligations																
14.	Local Costs by Object																
	Salaries																
	Per Diem and Travel																
	Contracts																
	Equipment																
	Supplies																
	Maintenance and Operations																
	Total																

EFFECTIVENESS SUPPLEMENT  
TO THE SUBELEMENT

Title and No. 46-72-14-04		Date	19 70	19 71	Fiscal Year 72				19 73	19 74	
Pedestrian Safety 314			FY-2	FY-1	1st Qt.	2nd Qt.	3rd Qt.	4th Qt.	Total	FY+1	FY+2
6a. EFFECTIVENESS											
*Number of pedestrian vehicle related deaths -											
1. Children			35								
2. Persons under the influence of Alcohol			54								
1. 3. Elderly			147								
*Number of pedestrian deaths occurring in rural areas			147								
urban areas			94								
2.											
*Number of pedestrian related accidents and deaths occurring after dark			36. 6%								
3.											
Daytime pedestrian deaths and injuries			63. 4%								
4.											
Pedestrians injured											
urban			1751								
rural			749								
5.											

HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN			1. STATE	VIRGINIA	2. TITLE	Police Traffic Services Cities and Counties				3. NO46-72-15-01	4. DATE 2/10/71
5. DRAFTED BY APPROVED BY			Walter E. Douglas John T. Hanna		2. TITLE	FISCAL YEAR 1972				4th Q	TOTAL
						1970 FY-2	1971 FY-1	1st Q	2nd Q	3rd Q	
6a. EFFECTIVENESS			SEE EFFECTIVENESS SUPPLEMENT TO THE SUBELEMENT								
6b. OUTPUT			C No. of roadways within five min. of cruising patrol car.								
			V Number of citations issued for moving violations.								
7. RESP.			8. STD.		9. TASKS & MILESTONES						
Law Enforcement Officers Training Standards Comm.			315		1. Introduce legislation requiring a minimum of 200 hr. of basic training for new recruits.						
HSD			315		2. Set up training programs in all cities and counties for the following areas (policemen)						
					A. In-service training (no. trained)						
					B. Refresher training (no. trained)						
					C. Training of supervisory personnel (no. trained)						
					D. Training of new recruits						
					E. Special training "Accident Investigation" (no. trained)						
10. DESCRIPTION			The ultimate goal of the cities and counties in Virginia is to reduce the number of accidents, fatalities, personal injuries and property damage by improving police traffic services in all aspects of accident prevention programs, police traffic supervision, post accident procedures to aid crash victims, and to bring those responsible for the accidents to justice.		11. COST BY TASK (\$000)						
					A. In-service training						
					B. Refresher training						
					C. Supervisor training						
					D. Training of new recruits						
					E. Special training						
					12. TOTAL COST (\$000)						
					LOCAL SHARE						
					STATE SHARE						
					FEDERAL SHARE						
					TO LOCALITIES						

\* Data not yet available

HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN		1. STATE	VIRGINIA	2. TITLE	Police Traffic Services Cities and Counties				3. NO. 46-72-15-02	4. DATE 2/10/71						
5. DRAFTED BY APPROVED BY		Walter E. Douglas (WLH)			1970 FY-2	19 71 FY-1	FISCAL YEAR 1972 1st Q 2nd Q 3rd Q 4th Q		TOTAL	1973 FY+1	1974 FY+2					
6a. EFFECTIVENESS																
6b. OUTPUT		C														
		V														
7. RESP. Local Governments	8. STD. 315	9. TASKS & MILESTONES 3. Personnel A. Policemen (cities and counties) B. Additional and replacement C. Specially trained records analyst \$10,000 'ea.									4,300 300 3	4,500 400 4		4,700 400 8	5,000 500 12	5,300 600 6
	Local Governments	315	4. Procure equipment A. Vehicles \$3,000 each B. Radar units \$800 each C. Electric speed computers \$950 each D. Video Cameras									75 10 10	70 10 20		100 20 100 20	100 20 50 20
10. DESCRIPTION Ished by the Law Enforcement Officers Training Standard Commission. It is anticipated that additional refresher traffic training and in service training courses will be made available to officers performing traffic duties. We will also make available more training for supervisory personnel in the funda- mentals of organization and administration train- ing techniques and in the use of records. In addition, these courses will be offered when the need arises. The development and implementation of a		11. COST BY TASK 3. Personnel (% of time) 4. Equipment A. vehicles B. radar units C. electric speed computers D. video cameras		19,534 225 8 50		19,983 210 8 100				20,443 300 16 95 100	20,913 300 16 47.5 100	21,394 300 16 47.5 100				
		12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES														

HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN				1. STATE		VIRGINIA		2. TITLE		Police Traffic Services Cities and Counties		3. NO. 46-72-15-03		4. DATE 2/10/71			
6a. EFFECTIVENESS				5. DRAFTED BY APPROVED BY		Walter E. Douglas John T. Hanna											
6b. OUTPUT				C													
				V													
7. RESP. Local Govern.  HSD LEOTSC Traffic Records Committee	8. STD. 315  315 315 315	9. TASKS & MILESTONES															
		4. Procure equipment (continued)															
		E. Communications Sets (various kinds)															
		F. Sirens \$150 each															
		G. Visual Aids - slides film, projectors, etc.															
		5. Special Traffic Seminars															
		6. Develop Visual File															
		7. Design Data System for effective evaluation of program															
10. DESCRIPTION				11. COST BY TASK (\$000)													
police pursuit driving course is underway and should help in the reduction of police car related accidents. The hiring of a specially trained records analyst to process, analyze and interpret traffic data is another step in the fulfillment of our long term goal of reducing accidents. To further accomplish this goal the cities and counties in Virginia are anticipating the hiring of additional personnel, the purchase of new vehicles, radar, cameras, communication units, and other equipment necessary for complete police traffic services.				4. (continued)													
				E. Communications													
				F. Sirens													
				G. Visual Aids													
				5. Seminars													
				6. Visual File													
				7. Data System													
				12. TOTAL COST													
				LOCAL SHARE													
				STATE SHARE													
				FEDERAL SHARE													
				TO LOCALITIES													



HIGHWAY SAFETY PROGRAM SUBELEMENT SUPPLEMENT		1. STATE	VIRGINIA		2. TITLE		Police Traffic Services		3. No. 46-72-15-05	4. DATE 2/10/71		
		TASKS										
		TOTAL	1	2	3	4	5	6	7	8	9	10
13.	D Standard: 315											
	I Total (\$000)	24,124		1,701	20,443	1,762	8	10		200		
	S Federal	545										
	T To Localities	545		177		300	8	10		50		
	R Prev. Obligations	171										
	New Obligations	545		177		300	8	10		50		
	I Standard:											
	B Total											
	U Federal											
	T To Localities											
	I Prev. Obligations											
	O New Obligations											
	N Standard:											
	Total											
	Federal											
	To Localities											
	Y Prev. Obligations											
	New Obligations											
	S Standard:											
	Total											
	Federal											
	A Federal											
	To Localities											
	Prev. Obligations											
	New Obligations											
	A Total											
	R Federal											
	To Localities											
	Prev. Obligations											
	Local Costs by Object											
	Salaries											
14.	Per Diem and Travel											
	Contracts											
	Equipment											
	Supplies											
	Maintenance and Operations											
	Total											





HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN		1. STATE	2. TITLE	Police Traffic Services - State		3. NO. 46-72-15-07	4. DATE 2/10/71
		DRAFTED BY	Major J. S. Pearson	19_70 FY-2	19_71 FY-1	FISCAL YEAR 1972	
		APPROVED BY	John T. Hanna			1st Q	2nd Q
				65.1	61.1	59.9	60.2
6a. EFFECTIVENESS		Miles of Highway per Trooper				60.4	60.6
		Number of Troopers		773	826	846	846
6b. OUTPUT		Miles of Highway under State Police Jurisdiction		50,300	50,500	50,700	50,900
						51,100	51,300
						51,300	51,500
						51,500	51,700
						51,700	51,900
						51,900	52,100
						52,100	52,300
						52,300	52,500
						52,500	52,700
						52,700	52,900
						52,900	53,100
						53,100	53,300
						53,300	53,500
						53,500	53,700
						53,700	53,900
						53,900	54,100
						54,100	54,300
						54,300	54,500
						54,500	54,700
						54,700	54,900
						54,900	55,100
						55,100	55,300
						55,300	55,500
						55,500	55,700
						55,700	55,900
						55,900	56,100
						56,100	56,300
						56,300	56,500
						56,500	56,700
						56,700	56,900
						56,900	57,100
						57,100	57,300
						57,300	57,500
						57,500	57,700
						57,700	57,900
						57,900	58,100
						58,100	58,300
						58,300	58,500
						58,500	58,700
						58,700	58,900
						58,900	59,100
						59,100	59,300
						59,300	59,500
						59,500	59,700
						59,700	59,900
						59,900	60,100
						60,100	60,300
						60,300	60,500
						60,500	60,700
						60,700	60,900
						60,900	61,100
						61,100	61,300
						61,300	61,500
						61,500	61,700
						61,700	61,900
						61,900	62,100
						62,100	62,300
						62,300	62,500
						62,500	62,700
						62,700	62,900
						62,900	63,100
						63,100	63,300
						63,300	63,500
						63,500	63,700
						63,700	63,900
						63,900	64,100
						64,100	64,300
						64,300	64,500
						64,500	64,700
						64,700	64,900
						64,900	65,100
						65,100	65,300
						65,300	65,500
						65,500	65,700
						65,700	65,900
						65,900	66,100
						66,100	66,300
						66,300	66,500
						66,500	66,700
						66,700	66,900
						66,900	67,100
						67,100	67,300
						67,300	67,500
						67,500	67,700
						67,700	67,900
						67,900	68,100
						68,100	68,300
						68,300	68,500
						68,500	68,700
						68,700	68,900
						68,900	69,100
						69,100	69,300
						69,300	69,500
						69,500	69,700
						69,700	69,900
						69,900	70,100
						70,100	70,300
						70,300	70,500
						70,500	70,700
						70,700	70,900
						70,900	71,100
						71,100	71,300
						71,300	71,500
						71,500	71,700
						71,700	71,900
						71,900	72,100
						72,100	72,300
						72,300	72,500
						72,500	72,700
						72,700	72,900
						72,900	73,100
						73,100	73,300
						73,300	73,500
						73,500	73,700
						73,700	73,900
						73,900	74,100
						74,100	74,300
						74,300	74,500
						74,500	74,700
						74,700	74,900
						74,900	75,100
						75,100	75,300
						75,300	75,500
						75,500	75,700
						75,700	75,900
						75,900	76,100
						76,100	76,300
						76,300	76,500
						76,500	76,700
						76,700	76,900
						76,900	77,100
						77,100	77,300
						77,300	77,500
						77,500	77,700
						77,700	77,900
						77,900	78,100
						78,100	78,300
						78,300	78,500
						78,500	78,700
						78,700	78,900
						78,900	79,100
						79,100	79,300
						79,300	79,500
						79,500	79,700
						79,700	79,900
						79,900	80,100
						80,100	80,300
						80,300	80,500
						80,500	80,700
						80,700	80,900
						80,900	81,100
						81,100	81,300
						81,300	81,500
						81,500	81,700
						81,700	81,900
						81,900	82,100
						82,100	82,300
						82,300	82,500
						82,500	82,700
						82,700	82,900
						82,900	83,100
						83,100	83,300
						83,300	83,500
						83,500	83,700
						83,700	83,900
						83,900	84,100
						84,100	84,300
						84,300	84,500
						84,500	84,700
						84,700	84,900
						84,900	85,100
						85,100	85,300
						85,300	85,500
						85,500	85,700
						85,700	85,900
						85,900	86,100
						86,100	86,300
						86,300	86,500
						86,500	

HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN		1. STATE	VIRGINIA	2. TITLE	Police Traffic Services - State				3. NO. 46-72-15-08	4. DATE 2/10/71
		5. DRAFTED BY APPROVED BY	Major J. S. Pearson John T. Hanna	FISCAL YEAR 1972		1971		1973		1974
				1st Q	2nd Q	3rd Q	4th Q	TOTAL	FY+1	FY+2
6a. EFFECTIVENESS										
6b. OUTPUT		C								
		V								
7. RESP.	8. STD.	9. TASKS & MILESTONES								
State Police	315	2. Equipment A. Helicopters @ \$131,410 ea. B. Hangar Rental C. Direct Operating Costs and Insurance								
State Police	315	3. Training Helicopter Pilots								
10. DESCRIPTION		11. COST BY TASK								
according to the basic assignment factors of: (1) traffic volumes, (2) miles of highways, and (3) motor vehicle crashes. Increases in these factors dictate a need for additional manpower. It is felt that the use of two recently acquired helicopters to supplement existing methods and facilities will materially aid in fulfilling the Department's primary mission of reducing death, injury, and property damage on the highways of Virginia. According to arrest statistics, 96.57% of the Department's activity is directly related to the highways.		12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES								



EFFECTIVENESS SUPPLEMENT  
TO THE SUBELEMENT

Title and No. 46-72-15-10 Police Traffic Services (State) 315	Date 2/10/71	1970	1971	Fiscal Year 72				1973	1974
		FY-2	FY-1	1st Qt.	2nd Qt.	3rd Qt.	4th Qt.	Total	FY+1 FY+2
6a. EFFECTIVENESS									
1. Miles of highway per trooper		65.1	61.1	59.9	60.2	60.4	60.6	60.6	51.5 54.7
2. *Average manhours daily police patrol.									
3. *Average daily vehicle miles of travel per trooper.									
4.									
5.									
6. *Data will be available upon completion of traffic record data system.									

HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN			1. STATE	VIRGINIA	2. TITLE	Accident Cleanup			3. NO. 46-72-16-01	4. DATE 2/10/71	
5. DRAFTED BY Walter E. Douglas (WLH) APPROVED BY John T. Hanna						1970 FY-2	1971 FY-1	FISCAL YEAR 1972		1973 FY+1	1974 FY+2
6a. EFFECTIVENESS Crashes involving previous crash debris or blockage						75	80			85	100
6b. OUTPUT						65	68			71	85
						80,000	90,000			100,000	135,000
7. RESP.			8. STD.		9. TASKS & MILESTONES						
HSD	316	1. Study to review the debris hazard control and cleanup program in Virginia		Received Proposal	Estab. contract						
		2. Follow-up studies to review and update accident cleanup program									
HSD	316	3. Develop a data system to make available pertinent information in order to measure our program more effectively.								Contract Contract	
10. DESCRIPTION In Virginia, our long term goal in reducing the number of accidents, including fatalities, personal injuries and property damage caused by secondary and chain-reaction collisions and conditions hazardous to the driving public is to provide for a rapid, orderly and safe removal from the roadways of wreckage, spillage and debris from motor vehicle accidents as well as acts of God. To provide for this rapid removal of debris from our roadway we have contracted with Wilber Smith and Associates to review the debris hazard control and cleanup program in Virginia and publish a manual, to be forwarded to all					11. COST BY TASK (\$000)	40				10	
					1. Study to review the debris hazard control and cleanup program in Va.						
					2. Follow-up studies to review program					10 10	
					12. TOTAL COST (\$000)	40				10 10	
					LOCAL SHARE	20				5 5	
					STATE SHARE	20				5 5	
					FEDERAL SHARE	20				5 5	
					TO LOCALITIES	20				5 5	

HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN		1. STATE VIRGINIA	2. TITLE Accident Cleanup	3. NO. 46-72-16-02				4. DATE 2/10/71	
5. DRAFTED BY Walter E. Douglas (WLH) APPROVED BY John T. Hanna		FISCAL YEAR 19 72		19 73		19 74			
		1st Q	2nd Q	3rd Q	4th Q	TOTAL			
6a. EFFECTIVENESS		19 70 FY-2	19 71 FY-1						
6b. OUTPUT		C							
V									
7. RESP.	8. STD.	9. TASKS & MILESTONES							
10. DESCRIPTION (continued) local political subdivisions, to assure uniform accident cleanup throughout the state. Most of the political subdivisions have local ordinances requiring the wrecker working the accident to cleanup all debris. The Highway Department has available special crews for debris cleanup in emergency situations as well as continuous cleanup of dead animals and trash from the highways. We are also developing a data system in conjunction with the Traffic Records Committee, that will enable us to measure our accident cleanup program in the state more effectively.		11. COST BY TASK							
		12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES							

HIGHWAY SAFETY PROGRAM SUBPLEMENT SUPPLEMENT		1. STATE	VIRGINIA	2. TITLE Accident Cleanup										3. No. 46-72-16-034. DATE 2/10/71
		TOTAL		1	2	3	4	5	6	7	8	9	10	
		TASKS												
13.	D Standard: 316													
	I Total (\$000)	10	10											
	S Federal	5	5											
	T To Localities	5	5											
	R Prev. Obligations	20	20											
	New Obligations	5	5											
	I Standard:													
	B Total													
	U Federal													
	T To Localities													
	I Prev. Obligations													
	O New Obligations													
	N Standard:													
Total														
B Federal														
Y To Localities														
Prev. Obligations														
New Obligations														
S Standard:														
T Total														
A Federal														
N To Localities														
D Prev. Obligations														
New Obligations														
A Total														
R Federal														
D To Localities														
Prev. Obligations														
14.	Local Costs by Object													
	Salaries													
	Per Diem and Travel													
	Contracts													
	Equipment													
	Supplies													
	Maintenance and Operations													
	Total													





HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN				1. STATE VIRGINIA		2. TITLE Accident Cleanup Virginia Dept. of Highways		3. NO. 46-72-16-05		4. DATE 2/10/71							
5. DRAFTED BY C. O. Leigh		APPROVED BY John T. Hanna		FISCAL YEAR 19 72		TOTAL		1973 FY +1		1974 FY +2							
6a. EFFECTIVENESS		Number of accidents under icy conditions on primary and inter-state systems		1970 FY-2		1971 FY-1		1st Q		2nd Q		3rd Q		4th Q		TOTAL	
6b. OUTPUT		C Percent of maintenance areas served		866		860										860	
		V Number of maintenance areas served		*NA		8										10	
				1		20										25	
7. RESP.		8. STD.		9. TASKS & MILESTONES		1		19								5	
Maintenance Organization		316		1. Install ice detectors on Interstate and Primary bridges		1		19								5	
VDH		316		2. Highway Department special debris hazard control and cleanup program												10	
				A. personnel												10	
				B. equipment												10	
				3. Develop data system for evaluative purposes												Imple	
				Survey												Imple	
				Analysis												Imple	
				Devel.												Imple	
														</			

HIGHWAY SAFETY PROGRAM SUBELEMENT SUPPLEMENT		1. STATE		VIRGINIA		2. TITLE		Accident Cleanup VDH		3. No. 46-72-16-06		4. DATE 2/10/71	
		TASKS											
		TOTAL		1	2	3	4	5	6	7	8	9	10
13.	D Standard: 316												
	I Total (\$000)	281.81	25.81	256									
	S Federal	12.905	12.905										
	T To Localities												
	R Prev. Obligations	48.241	48.241										
	New Obligations	12.905	12.905										
	I Standard:												
	B Total												
	U Federal												
	T To Localities												
	I Prev. Obligations												
	O New Obligations												
	N Standard:												
	T Total												
	Federal												
	To Localities												
	Prev. Obligations												
	New Obligations												
	S Standard:												
	T Total												
	A Federal												
	N To Localities												
	D Prev. Obligations												
	New Obligations												
	A Total												
	R Federal												
	D To Localities												
	Prev. Obligations												
14.	Local Costs by Object												
	Salaries												
	Per Diem and Travel												
	Contracts												
	Equipment												
	Supplies												
	Maintenance and Operations												
	Total												

EFFECTIVENESS SUPPLEMENT  
TO THE SUBELEMENT

Title and No. 46-72-16-07 Accident Cleanup	Date 2/10/71	19 70 FY-2	19 71 FY-1	Fiscal Year 72				19 73 FY+1	19 74 FY+2
				1st Qt.	2nd Qt.	3rd Qt.	4th Qt.		
6a. EFFECTIVENESS									
*Number of accidents, under icy conditions, on bridges with ice detectors.									
1.									
2.									
3.									
4.									
5.									
6.									

\*Data will be available upon completion of traffic records data system.

