ANNUAL HIGHWAY SAFETY WORK PROGRAM

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compiled and prepared by

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and

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TABLE OF CONTENTS

1385

Page No.

SECTION I	INTRODUCT	ION	I- 1
SECTION II	SUMMARY .	••••••	П- 1
SECTION III		NALYSIS	III- 1
	Part I	Highway Activities	III- 2
	Part II	Expenditures of 402 Funds for Highway Safety in Virginia	III- 3
	Part III	Highway Safety Programs not Involving Section 402 Funds	III- 3
	Part IV	Program Priorities	III- 4
	Part V	Implementation of Comprehensive Highway Safety Program through Subelement Plans	III- 6
	Part VI	Special Highway Safety Projects	III-12

SECTION IV SUBELEMENT PLANS

Standard		
300	Planning and Administration	IV- 1
301	Periodic Motor Vehicle Inspection	IV- 7
302	Motor Vehicle Registration	IV- 15
303	Motorcycle Safety	IV- 21
304	Driver Education	IV- 25
305	Driver Licensing	IV- 50
306	Codes and Laws	IV- 75
307	Traffic Courts	IV- 79
308	Alcohol and Drugs	IV- 84
309	Identification and Surveillance of Accident Location	IV- 89
310	Traffic Records	IV- 98
311	Emergency Medical Services	IV-109
312	Highway Design, Construction and Maintenance.	IV-117
313	Traffic Control Devices	IV-127
314	Pedestrian Safety	IV-139
315	Police Traffic Services	IV-143
316	Accident Cleanup	IV-153
AGREEMENT		V- 1

SECTION V

iii

LIST OF EXHIBITS

Exhibit		Page
1	Operations of Division of Motor Vehicles	III 1 4
2	Motor Vehicle Registrations	III - 15
3	Operators' Licenses Issued	III-16
4	Percentage Changes	III-17
5	Report of Convictions, Revocations and Suspensions	III-18
6	All Virginia Highways, Streets and Roads	III-19
7	Interstate System	III-20
8	Arterial and Primary System	III-21
9	Secondary System	III-22
10	Miles of Highway in Virginia	III-23
11	Annual Vehicle Miles of Travel	III-24
12	Accident Summary for Virginia	III-25
13	Fatal Accidents and Persons Killed	III-26
14	Injury Accidents and Persons Injured	III-27
15	Death Rate per 100 Million Miles of Travel	III-28
16	Injury Rate per 100 Million Vehicle Miles of Travel	III-29
17	Accident Rate per 100 Million Vehicle Miles of Travel	III-30
18	Percentage Changes	III-31
19	Percentage Changes	III-32
20	Injury and Fatal Accidents - Miles of Travel (Total)	III-33
21	Injury and Fatal Accidents - Miles of Travel on Interstate Roads	III-34
22	Injury and Fatal Accidents - Miles of Travel on Primary Roads	III-35

v

Exhibits (continued)

<u>Exhibit</u>		Page
23	Injury and Fatal Accidents - Miles of Travel on Secondary Roads	III-36
24	Correlation of Percentage Changes	III-37
25	Projected Vehicle Miles of Travel for 1970 by Exponential Smoothing Technique	III -3 8
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	III-39
27	Linear Regression Equation of Vehicle Miles of Travel and Injuries using the Least Squares Technique and the Projection of Injuries for 1970	III-40
28	Linear Regression Analysis of Vehicle Miles of Travel and Fatal Accidents Using the Least Sqares Technique and the Projection of Fatal Accidents in 1970	III-41
29	Linear Regression Analysis of Vehicle Miles of Travel and Fatalities Using the Least Squares Technique and the Projection of Fatalities in 1970	III-42
30	Predicted Highway Crash Statistics	III-43
31	Distribution of Federal Funds for FY 1968	III - 44
32	Distribution of Federal Funds for FY 1969	III-45
33	Distribution of Federal Funds for FY 1970	III-48
34	Distribution of Federal Funds for FY 1971	III - 52
35	State Priorities	III-57

vi

INTRODUCTION

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 Federalaid 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.

- 1	HIGHWAY SAFETY PROGRAM - SUMMARY BY STANDARD	STATE: Virginia DATE: 2/8/71

STAN	STANDAR DS	TOTAL		LIGATION
DARD	&	COST	TOTAL	LOCAL
CODE	SUBELEMENTS	(\$000)	FEDERAL	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 Driver Improvement Adult Driver Education Driver Education for	12,7994026.5	1,674 20 13.25	1,580 20
	the Handicapped Commercial Driver Education	41 2	1	
	Education	2	L	
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	

TAN	STANDAR DS	TOTAL	NEW OBI	IGATION
)ARD	&	COST	TOTAL	LOCAL
CODE	SUBELEMENTS	(\$000)	FEDERAL	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

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

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 results are not included in this analysis.

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-programing-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 motor-cycle 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 <u>312 - Highway Design, Construction and Maintenance</u>

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. 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.

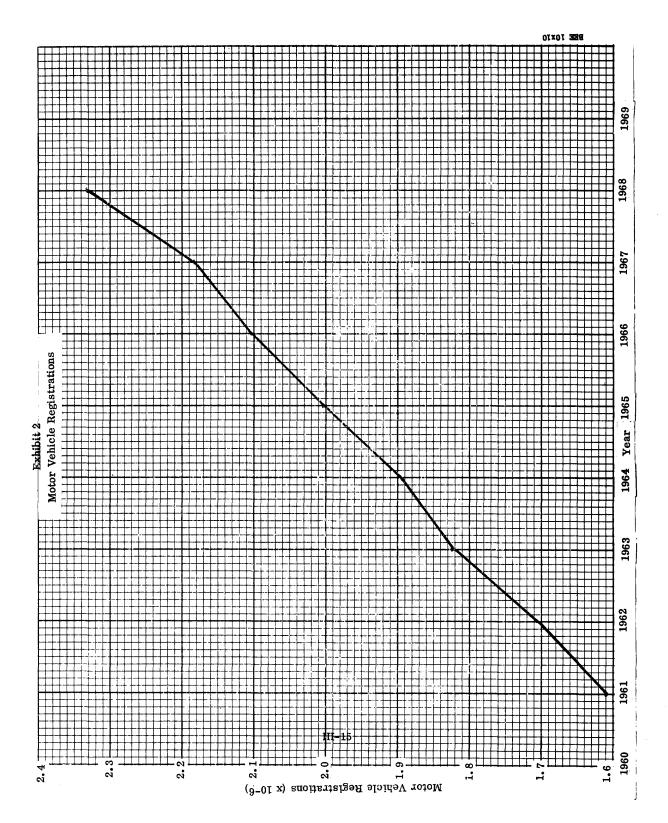
The third project planned for introduction in Virginia is one for the development of a computer based, management information system designed to provide information on all highway safety activities for the state. If such a program is developed, the Highway Safety Division will be in a position to obtain 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.

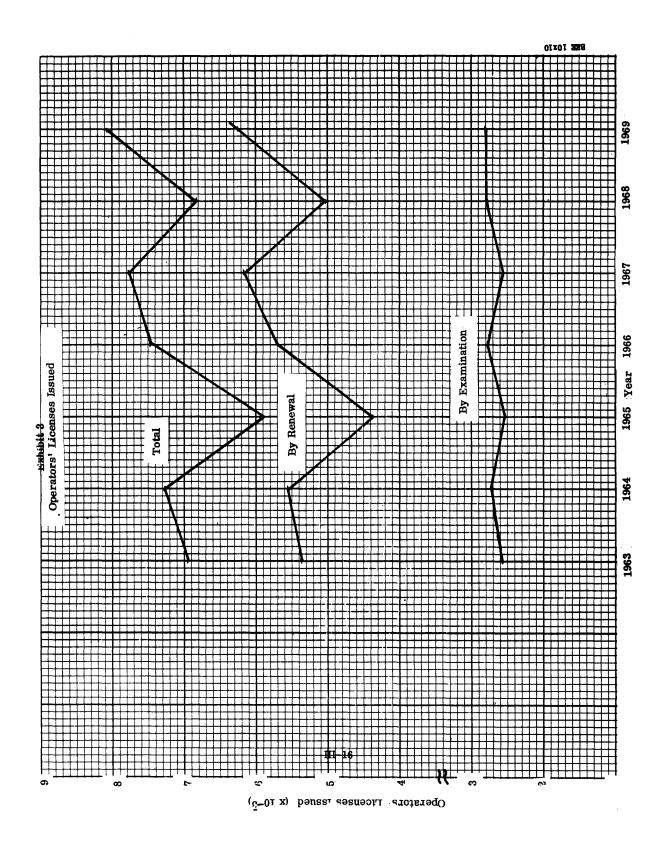
EXHIBIT 1

		Operators'	Licenses Issued	
Year	Motor Vehicle Registrations	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

OPERATIONS OF DIVISION OF MOTOR VEHICLES

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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	2 7,342	+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	
	INSURANC	E 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

ACCEDIT SUMMER BY YEARS

ALL VINGERA HIGHNERS, STREETS AND ROADS"

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геистн Уе л я	1960 56,	1961 56,	1962 56,	1963 57.	1964 58,	1965 58,	1966 59,	1967 59,	1968	1969 60,	PERCENT CHANGE 1969 +0.46 0VER 1968	
MILES Ni	56, 581 16,	56,882 16,	56,204 17,	57,436 18,	58,404 19,	58,875 20,	59,319 21,	59,781 23,	60,428 25,	60,705 26,		
(SUNVSAONDS) LEANET VERICE OF VINUAL ANNUAL	16,220,600	16, 23 4, 000	17,018,400	18, 277, 700	19,210,100	20 , 550, 100	21,640,000	23,659,000	25,614,000	26,951,000	+5.22	
ACCIDENTS FATAL	674	127	826	820	871	188	306	1,005	1,036	1,117	+7.82	
KILLED PERSONS	756	856	974	989	1,050	1,062	1,106	1,223	1,218	1,304	÷7.06	
ACCIDENTS INJURY	18,021	19,300	21,687	23,088	25,677	26,079	27,761	28,743	30, 146	31,846	+5.64	
LINILLED SECONS	27,402	29,237	33, 143	35,309	39,246	39, 263	41,849	43,122	45,693	48,050	+5.16	
ACCIDENTS DAMACE PROPERTY	61,628	65 , 481	71,538	74,908	82,788	84,219	87,606	81,313	89,255	98,636	+10.51	
ACCIDENTS TOTAL	80,323	85,508	94,051	9 ⁸ , 816	109,336	111, 179	116, 275	111,061	120,437	131,599	+ 9 .27	
DAMAGE PROPERTY PMOUNT OF	\$21,687,210	26,652,400	30, 100, 000	31,600,000	35,000,000	36,000,000	37,000,000	37,000,000	43,500,000	ŧ		
LOSS ECONOMIC	\$113,400,000	145,520,000	175,300,000	178,000,000	189,000,000	191,000,000	200,000,000	230,000,000	245,000,000	265,000,000	+8.16 +3.83	
ACCIDENT RATE	495	527	553	541	595	541	537	469	470	488	+3.83	
INJURY Rate	169	180	195	193	204	161	193	182	178	178	0	1
DEATH RATE	4.7	5.3	5.7	5.4	5.5	5.2	5,1	5.2	4.8	4.8	0.0	
KIFFED) In Berzonz Kiffed (Incf' Bedeslikivnz	159	157	205	163	185	163	182	217	232	241	+3.88	
IN LEESONS INTRED (INCL LEDESLEIVING	2,097	2,224	2,343	2,377	2,520	2,427	2,521	2,514	2, 535	2,500	-1.38	

1411

III-19

Exhibit 7

INTERSTATE SYSTEM

ACCIDENT SUMMARY BY YEARS

2.1 5.1 1.8 3.1 3.2 3.5 3.8 2.6 2.8 3.7 ÷7.69 RATE DEATH -2.90 RATE 68 70 1 73 79 76 68 91 69 67 INJURY -0.70 RATE 179 154 153 203 160 173 158 141 143 142 ACCIDENT 672,200 427,200 244,800 654,300 1,248,569 2,271,200 3,089,400 4,021,800 4,624,627 5,255,359 +13.64 DAMAGE PROPERTY TNUOMA OF \$ +15.37 513 1,158 1,852 3,662 4,111 4,416 5,373 626 990 6,199 ACCIDENTS **IATOT** +16.97 2,596 2,838 442 2,958 4,309 ACCIDENTS 362 669 1,284 3,684 821 DAMAGE PROPERTY 442 225 286 849 1,664 2,126 497 1,984 2,913 2,582 +12.82 INTRED *BERSONS* 1,366 168 282 320 536 1,014 1,600 21.35+24.49+11.38 14 1,200 1,782 ACCIDENTS INJURY 118 KIFFED ი 7 21 20 37 73 96 98 122 **DERSONS** ACCIDENTS 2 16 δ 1 32 52 73 92 89 108 **TATA**³ (SOMA SUOHT) 647,580 +15.83 332,241 409,611 486,915 2,115,429 3,759,050 1,159,540 2,586,804 3, 123, 253 4,354,250 TRAVEL WILES OF **VEHICLE** TAUNNA 216.69 126.36 365.70 468.62 626.96 91.34 142.86 557.21 666.28 693.78 **4.13** SETIM NI LENGTH PERCENT CHANCE 1969 OVER 1968 1960 1969 1963 1965 1966 1968 YEAR 1961 1962 1964 1967

1412

YEARS 1960 - 1969

YEARS 1960 - 1969

Exhibit 8

ACCIDENT SUMMARY BY YEARS

ARTERIAL AND PRIMARY SYSTEM

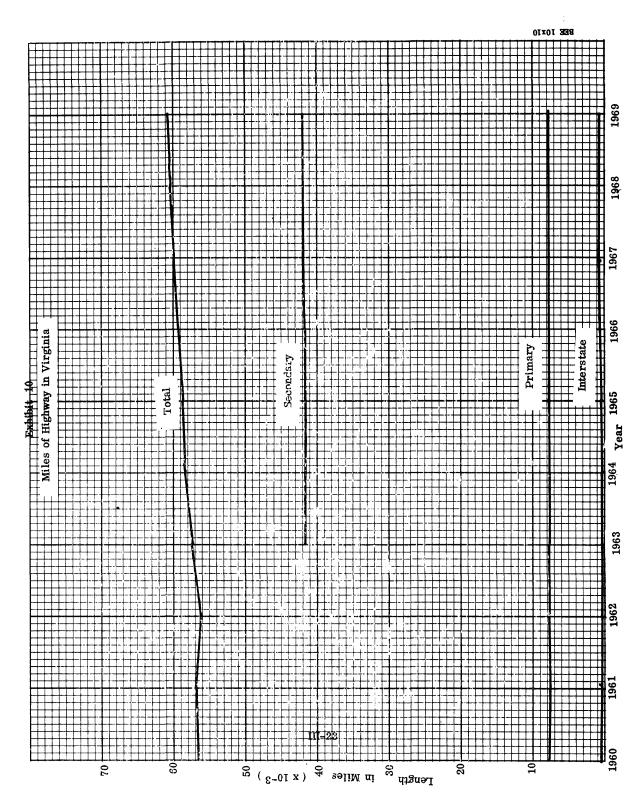
YEARS 1963 - 1969

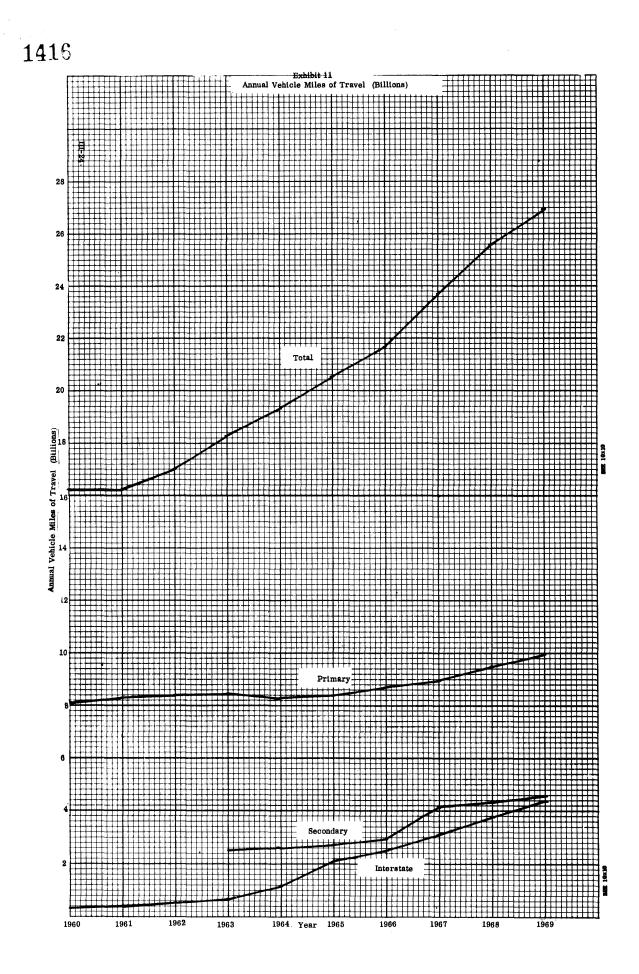
Exhibit 9

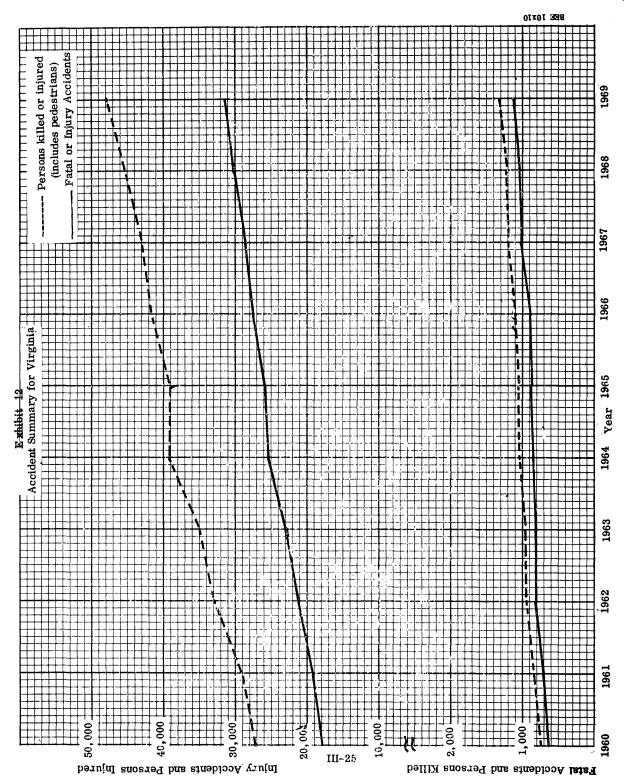
SECONDARY SYSTEM

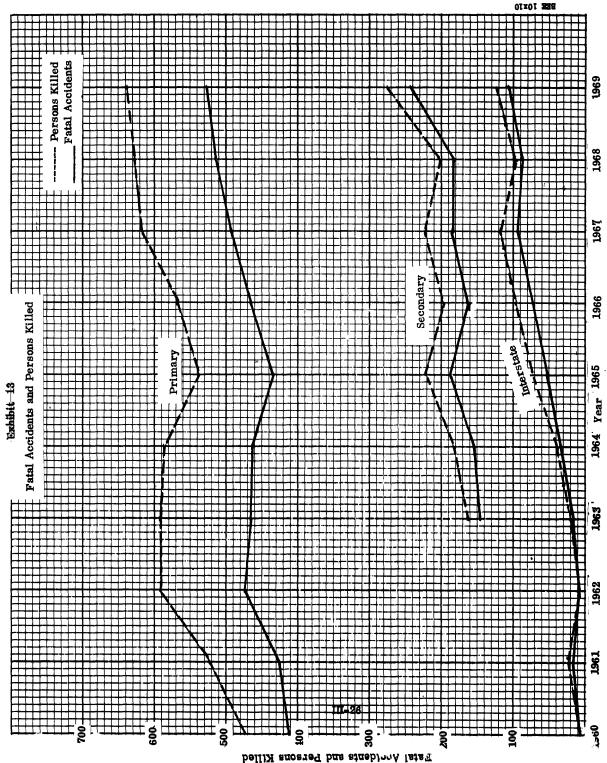
ACCIDENT SUMMARY BY YEARS

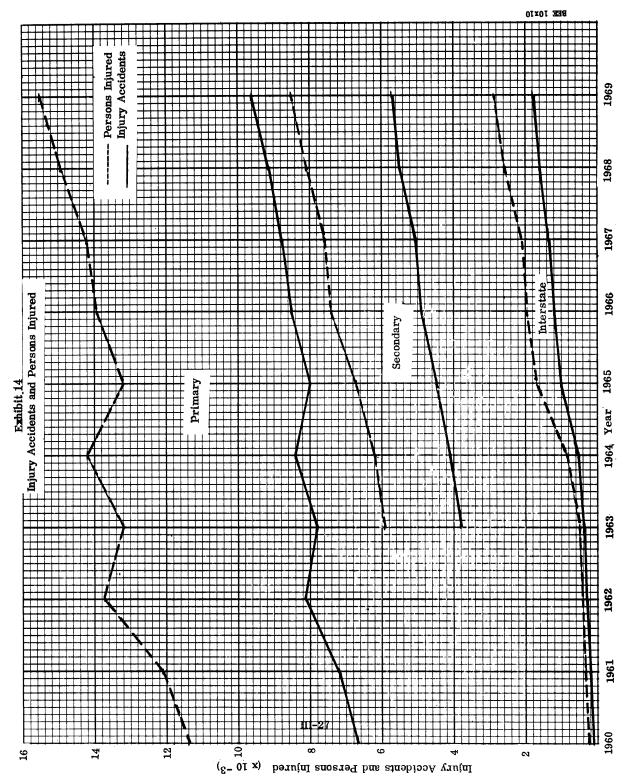
YEAR	MILES In Length	ANNUAL VEHICLE MILES OF TRAVEL	FATAL ACCIDENTS	KIFFED BEKSONS	ACCIDENTS	INTRED Leksons	PROPERTY DAMAGE ACCIDENTS	TOTAL ACCIDENTS	AO TNUOMA YTAFGOAF FOAMAG	ACCIDENT RATE	INJURY RATE	HTAJD ATH
1963	41,521.42	2,469,416,990	147	166	3,820	5,885	10,363	14,330	\$ 5,624,108	580	238	6.7
1964	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	\$. 8.	+4.8	6.8	-18.0	+17.6	+5.1	-2.5	+26.2



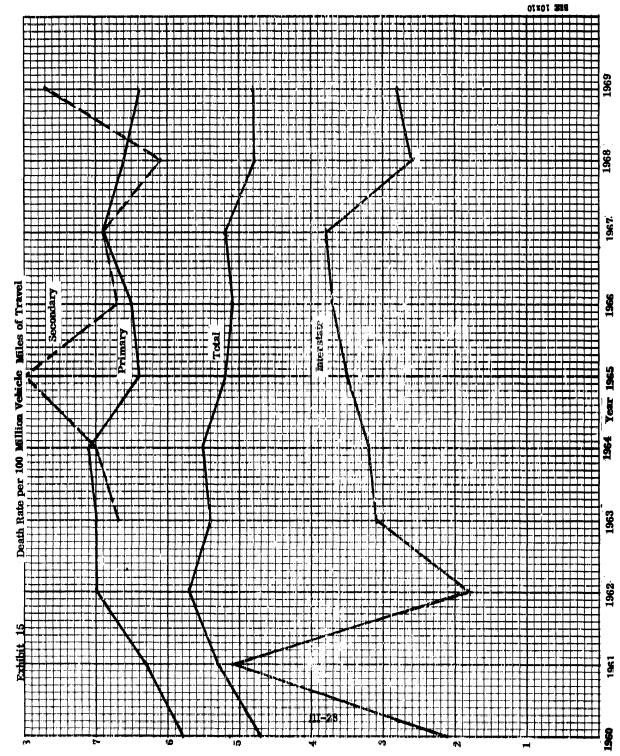




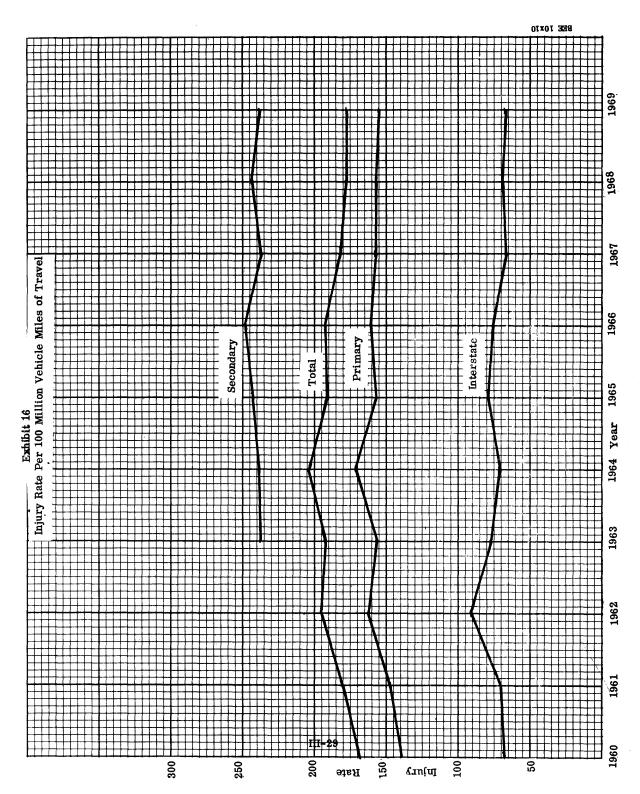




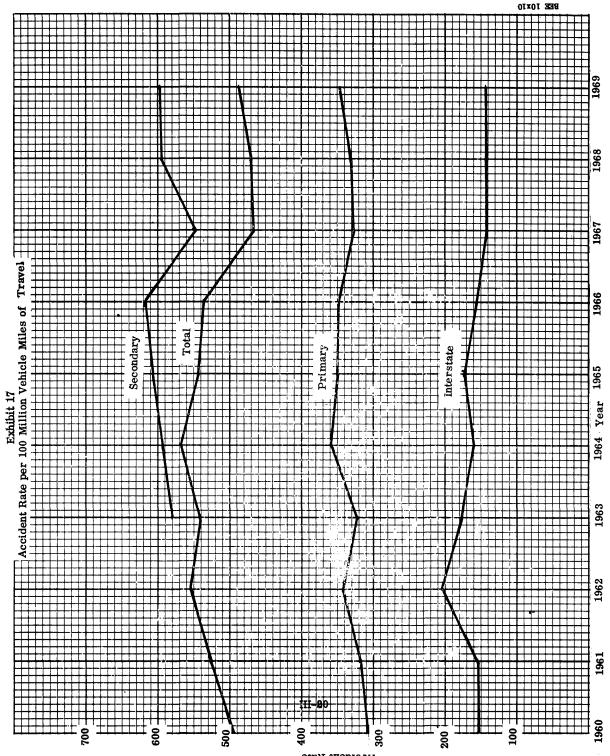
1420



Douth Links



1422



Accident Rate

Exhibit 18

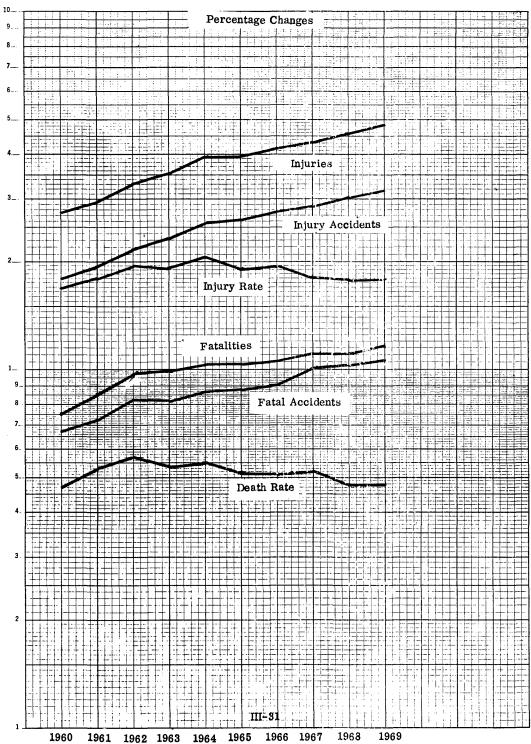
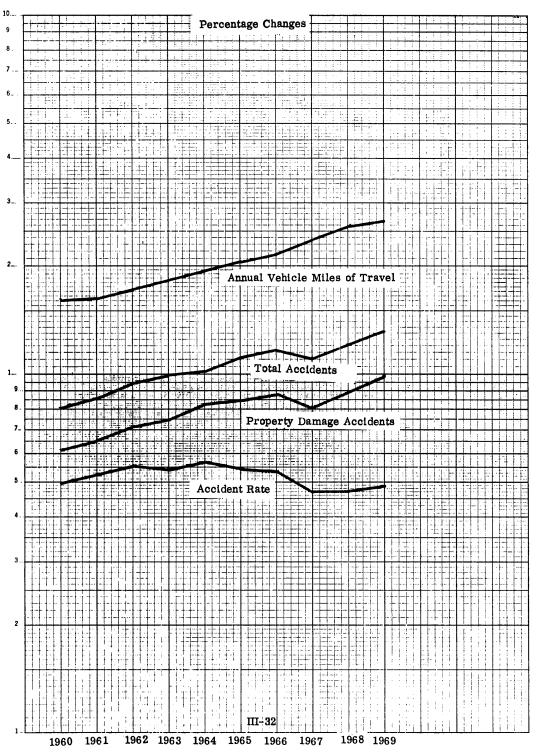
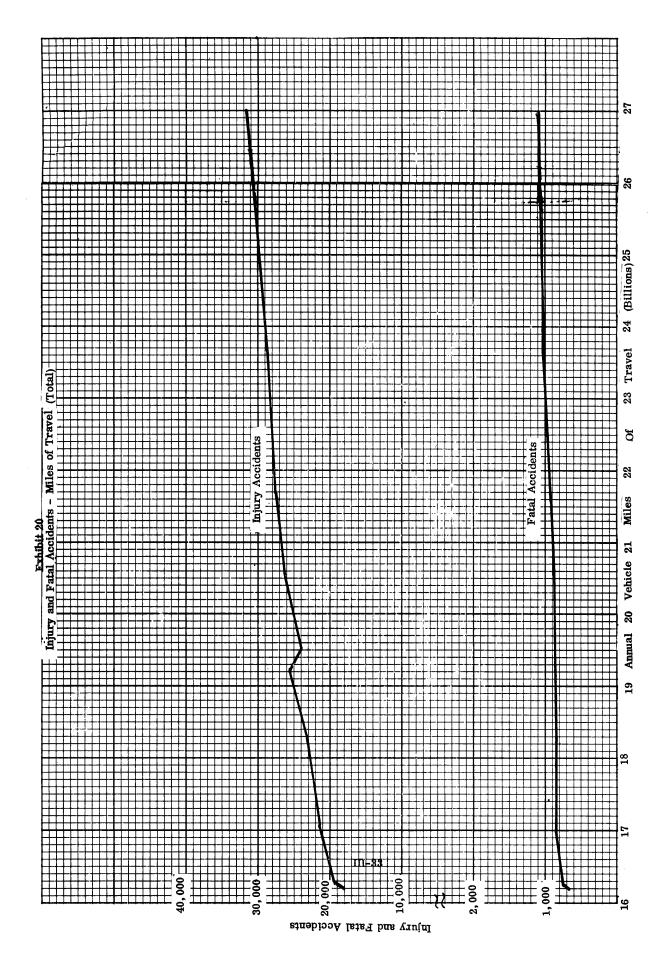
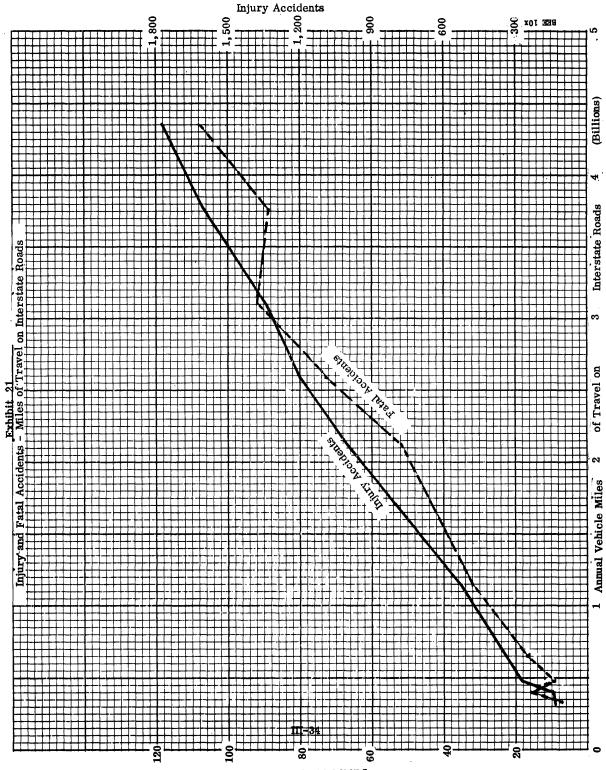


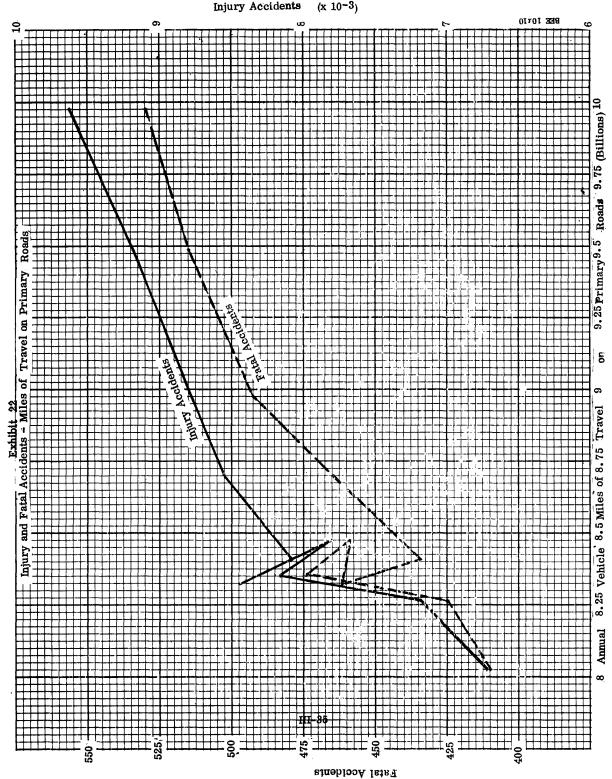
Exhibit 19



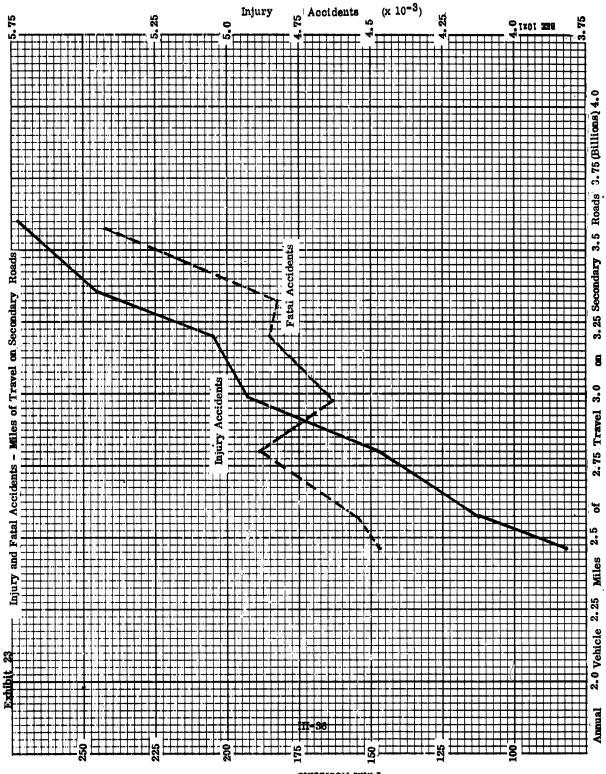




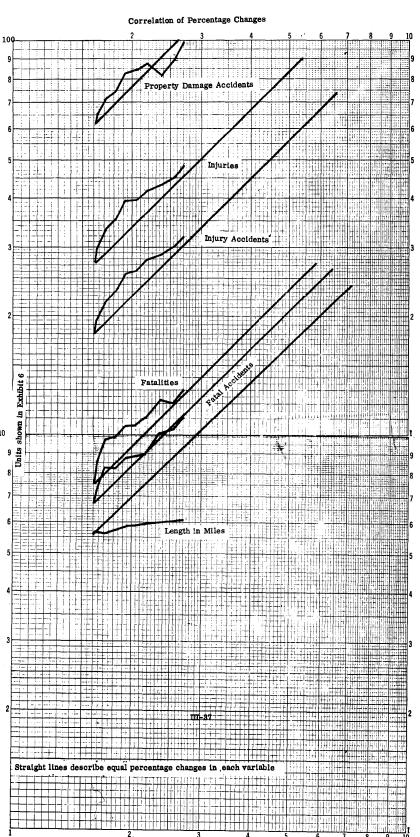
Fatal Accidents



1428



Fatal Accidents



Vehicle Miles of Travel (x 10 -7)

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PROJECTED VEHICLE MILES OF TRAVEL FOR 1970 BY EXPONENTIAL SMOOTHING TECHNIQUE

DOUBLE-SMOOTHEDO

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]

ALPHA = •7			
TIME CURR NEW	CURREN T	NEW	EXPECTED
PRD. DEMD AVERAGE	TREND	TREND	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 F 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

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 XSTATISTICS OF THE SAMPLE 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 = 23.682STANDARD DEVIATION = 2.66349 DEPENDENT VARIABLE [Y] DATA: MEAN = 28915STANDARD DEVIATION = 2208.52 S.E.P. = STANDARD ERROR OF ANY POINT UN 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 1.00536 191.779 28743 -.0054 23.66 28897. 1.01144 246.706 30146 30490.9 -•0114 25+61 26.95 31846 31586+2 •0082 ·991842 325·548 PROJECTIONS 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 15: $Y = 13762 \cdot 1 + 1259 \cdot 75 X$ OF THE SAMPLE STATISTICS 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 = .963868STANDARD ERROR OF ESTIMATE OF THE POPULATION = 646.615 INDEPENDENT VARIABLE [X] DATA: MEAN = 23.682STANDARD DEVIATION = 2.66349 DEPENDENT VARIABLE [Y] DATA: $MEAN = 43595 \cdot 4$ STANDARD DEVIATION = 3401.73 S.E.P. = STANDARD ERROR OF ANY POINT ON REGRESSION LINE Y-ACTUAL Y-FOR [A-F]/F FOR/ACT S.E.P. X-ACTUAL 477 • 6 58 20.55 39263 39649.9 -•0098 1.00985 380.868 21.64 41849 41023. •0201 •980262 1.01034 289 . 187 23.66 43122 43567.7 --•0103 -.0072 1.00725 372.011 46024.2 25.61 45693 ·992971 490·899 26.95 48050 47712.3 •007 PROJECTIONS 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

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 XSTATISTICS OF THE SAMPLE 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 = 23.682STANDARD 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 FOR/ACT S.E.P. X-ACTUAL Y-ACTUAL Y-FOR [A-F]/F •0037 877.678 •99623 13.2559 20.55 881 •99023 1•00943 10•5698 -•0094 21.64 908 916.56 •0165 23.66 1005 988 • 615 •983697 8•02548 -.021 1.0214 25+61 1036 1058 • 17 10.324 1105.97 • 0099 .990128 13.6234 26.95 1117 PROJECTIONS 95 PCT. CONFIDENCE INTERVAL = PROJECTION + OR - 2 STANDARD ERRORS INDEPENDENT 95 PCT. CONFIDENCE INTERVAL VARIABLE PROJECTION _____ -- 1152-59 26.99 1062.21 1107-4

Independent Variable = Vehicle Miles of Travel Dependent Variable = Fatal Accidents

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: $Y = 349 \cdot 515 + 35 \cdot 178 \times 1000$

STATISTICS OF THE SAMPLE

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	-•00,43	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	• 00 49	•995063	23.6826

P H 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 1	95% Confidence Interval
1970	Triver Accidents	99 940 1	
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.

DISTRIBUTION OF FEDERAL FUNDS FOR FY 1968

1436

Standard 300 -	- Planning	and Administration
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Subdivision or Agency	Amount
Virginia Traffic Safety Study Commission Virginia Highway Research Council Virginia State Police	\$ 7,019.60 11,375.38 3,117.35
Total Federal Funding - 300	\$ 21,512.33
Standard 304 - Driver Education	
Portsmouth Virginia Beach	\$55,994.75 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
Total Federal Funds for FY 1968	\$547,394.35

DISTRIBUTION OF FEDERAL FUNDS FOR FY 1969

Standard 300 - Planning and Administration

Subdivision or Agency	Amount
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

Standard 308 - Alcohol in Relation to Highway Safety		
Subdivision or Agency	Amount	
State Department of Health	\$ 14,600.00	
Total Federal Funding - 308	\$ 14,600.00	
Standard 309 - Identification and Surveillance of Accid	lent Locations	
City of Richmond	\$ 1,522.57	
City of Richmond	2,809.99	
Albemarle County Gloucester County	250.00 850.00	
Prince Edward County	200.00	
Total Federal Funding to localities - 309	\$ 5,632.56	
<u>Standard 310 - Traffic Records</u>		
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	
<u>Standard 311 - EMS</u>		
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 Cilca County	2,718.30 2,750.00	
Giles County	2,100.00	

Standard 311 - EMS (continued)

Subdivision or Agency	Amount
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
Total Federal Funds to localities - 311	95,109.03
State Department of Health	62,028.00
Total Federal Funding - 311	\$157,137.03

Standard 315 - Police Traffic Services

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

DISTRIBUTION OF FEDERAL FUNDS FOR FY 1970

Standard 300 - Planning and Administration

Subdivision or Agency	Amount
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
Scuthampton 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

Standard 304 - (continued)

Subdivision or Agency	Amount
Department of Professional and Occupational Registration Virginia State College State of Virginia	\$ 500.00 22,200.00 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

Exhibit 33 - continued

Standard 311 - EMS

Subdivision or Agency	Amount
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

Subdivision or Agency	Amount
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

1443~

1444

DISTRIBUTION OF FEDERAL FUNDS FOR FY 1971

Standard 300 - Planning and Administration

Subdivision or Agency	Amount
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

Subdivision or Agency	Amount
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

Subdivision or Agency	Amount
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

Subdivision or Agency	Amount
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

Standard 304 - Driver Education

1448 Exhibit 34 - continued	
Standard 311 - E M S - continued	
Subdivision or Agency	Amount
Roanoke County Tazewell County Westmoreland County Wise County	\$ 2,067.00 12,567.23 10,500.00 13,525.00
Total Federal Funds to localities - 311	\$ 96,423.23
Standard 315 - Police Traffic Services	
Accomac County	\$ 447.60
Hanover County Norton City	1,250.00 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

		Element	300	301	302	503	304	305	300	307	30S	309	310	311	312	313	214	315	316	
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	50%	Date /																		
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		Date Fundeci			`															
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PRIORITIES
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302																302
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305	300.0			352.0			352.0			352.0			352.0			305
306	42.0			4 2.0			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
502	2ž.6			28,7			6 .2 .8			36.9			41.0			309
310	330. 5		,	418.0			<u>44</u> 5.5			473.0			500			310
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312																312
313	36			R			2			27			R			313
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316	17.9			17.9			17.9			17.9			17.9			316
	2564. 8			3001-9		 	3731.2			3886.0			4405.5			

HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN	ETY PROGRA LEMENT PL.	AM 1. STATE	VIRGINIA	2. TITLE	Ыз	Planning and Administration	noi	~	NO.46-72-00-01	2-00-01	4.	DATE	2/5/71
		5. DRAFTED BY APPROVED B	DRAFTED BY Walter Douglas APPROVED BY John T. Hanna		19 <u>70</u> FY-2	1971 FY-1	FI Ist O	SCAL Y	FISCAL YEAR 1972 2nd O 3ml O	110		1973	1974
6a. EFFECTI	VENESS State	EFFECTIVENESS State wide death, injury and accident	and accident rate and result in economic	economic	Ē	EFFECT	VENESS	SUPPLA	MENT	10 THE S	EFFECTIVENESS SUPPLEMENT TO THE SUBELEMENT	r Y +1	FY+2
6b. OUTPUT	k	C% of the local com v No. of local High	C% of the local commissions participating in 402 funding v No. of local Highman Sofer, Commission 11, 11	nding	.43	.46					60	75	100
		participate in 402	participate in 402 funding.	2	135	135	135	135	135	135	135	135	195
7. RESP. 8	8. STD.	9. TASKS & MILESTONES	STONES									201	C C C T
HSD	300	 Personal Services A. Director, Assis trator, Fiscal O 	ersonal Services Director, Assistant Director, Programs Adminis- trator, Fiscal Officer, Public Information Director,	iminis- Director,								<u>. . . </u>	
		Public Infor Supervisor, Clerk Stenog	Public Information Officer, Auidtor (2) Coordinator Supervisor, Coordinator (3) Confidential Secretary, Clerk Stenographers, Clerk Typists, and part-time	rdinator cretary, rt-time									
USH	300	secretaries. B. Pensions, R	secretaries. (Number employees) Pensions, Retirement and Insurance payments	ats	15	22	22	22	22	22	22	28	35
HSD	008	-	ployees)		12	20	20	20	20	20	20	26	30
HSD	300		Auto expense and mileage (No. of autos) Expenses for Division Personnel (No. employees)	ovees)	9	11	11 %	11 8	1.8	= :	1	13	16 16
HSD	300	E. Expenses for	Expenses for Highway Safety Commission Personnel	ersonnel	1	07	03	02	02	07	20	26	33
		(NO• employees)	ees)		11	11	11	11	11	11	11	11	11
10. DESCRIPTI Highway Safety Pi	ION The long rogram in Vi	10. DESCRIPTION The long term goal of the Highway Safety Program in Virginia is to reduce the total mumbor of Josethan is rest.	11. 1. Pe										
personal property	vi ucauis, iuj 7 damage occ	personal property damage occurring on our high-	¥ ¤	1		186.045	48.3	48.3	48.3	48.295	193.195	240	270
ways every day.)		C. Auto expense and mileave	und ins.	21 6	12.54	13.02	L C			13.02	14	15
To accomplish tablished the und	this goal the	To accomplish this goal the Governor has es- lished the withmer sector build of the sec-		enses	99	11.25	2.8	2.8	0.00 2.8	5. U5	20.29	52	53
responsibility for	highway satety u	responsibility for highway safety. He also estab-	E. Highway Safety Commission expenses	sion	5	6.5	1.625	1.625	1.625	1 695	2 4 4 C	3 5	t •
lished 135 Local Highway Safety Commissions around the state for the purpose of developing	Highway Safe or the purpos	ty Commissions ie of developing a	12. TOTAL COST (\$000) LOCAL SHARE		342 4	434.2	132.150 118.105 122.105	18.105			490.35	593	685
compremensive salety program throughout the State.	uety program	throughout the	STATE SHARE FEDERAL SHARE		179	217.1		59.053	61.053	58.995	58.995 245.176	296.5	342.5
In carrying out their responsibility of highwa safety the Highway Safety Division hired six full	their respon y Safety Divis	In carrying out their responsibility of highway bety the Highway Safety Division hired six full	TC LOCALITIES			1.112	66.075	59 . 053	61.053	58.995	58.995 245.176	296.5	342.5

IV-1

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HIGHWAY SA	HIGHWAY SAFETY PROGRAM	AM	1. STATE	ſE	VIRGINIA	5	TITLE	Plan Ad	Planning and Administration	tion		NO.46-72-00-02	-00-02	फ	DATE 2/5/71	/5/71
ANNUAL SUF	ANNUAL SUBFLEMENT FLAN		5. DRAFTED BY APPROVED BY	ED BY	Walter D ouglas John T. H anna		19 F7	19 <u>70</u> 1 FY-2	19 <u>71</u> FY-1	FIS 1st Q	SCAL YE 2nd Q	FISCAL YEAR 19 72 2nd Q 3rd Q	2 4th Q	TOTAL	19_73 FY+1	19 <u>7</u> 4 FY+2
6a. EFFEC	EFFECTIVENESS															
6b. OUTPUT	Ŧ	c v														
7. RESP.	8. STD.	9. T/	TASKS & MILESTONES	TONES												
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ЦЗН	300	2. Ct	 Contractual Services A. Safety Section of HSD 	rices of HSD				4	2	2	2	L	2	2	ი	12
											<u></u>					
10. DESCRIPTION	PTION (continued)	nued)		11.	COST BY TASK	(000\$)										
time area coo	time area coordinators whose job it is to help	se job it	is to help	F. A	Advisory Committee	ŝe		4	4			4		4	4	വ
the local com	the local commissions in the development of local	e develc	pment of local	5	Postage			12	15.6	4	4	4	4	16	17	18
highway safet	highway safety programs. A full time public in-	A full ti	me public in-	н. Т	Telephone Service			2	2°	.75	.75	.75	.75	e	4	4
formation offi public information to all highway	formation officer to completely dessiminate public information utilizing all media pertinent to all highway safety standards was hired by the	tely des all med rds was	siminate ia pertinent hired by the	2. Coi A. S	Contractual Services . Safety Section			20	65	21.25	21.25	21.25	21.25	85	100	125
One of the	Due of the main functions of the HSD is to	s of the	HSD is to	61	TOTAT COST											
encourage im	encourage implementation of the 16 highway	if the 16	highway	17.	LOCAL SHARE											
safety ståndar eral funde	safety standards including the allocation of fed- aral funds	he alloc	ation of fed-		STATE SHARE	[s										
The contin	The continuation of existing highway safety	ing high	way safety		TO LOCALITIES	1 10										
programs and	programs and the implementation of appropriate	tation o	i appropriate													

IV-2

HIGHWAY SAFETY PROGRAM ANNIAL SITRELEMENT DI AN	1. STATE	VIRGINIA	2. TITLE	Plan	Planning and Administration	ation	3. N	NO46-72-00-03	-03	4. D	DATE 2/5/71	5/71
	5. DRAFTED BY APPROVED BY	CD BY Walter Douglas /ED BY John T. Hanna		19 <u>70</u> FY-2	19 71 FY-1	G	FISCAL YEAR 1972	CAR 1972 3rd O 4th O			19 <u>73</u>	197 <u>4</u>
6a. EFFECTIVENESS			 				-	-	-	+	TT I	F I +2
6b. OUTPUT											-	
7. RESP. 8. STD. 9. HSD 300 3.	но 	ASKS & MILESTONES mmodifies Office supplies, duplicate copies and related items Safety films, photographic equipment and supplies, radio and TV spots, movie strips and educational TV programming Materials cost for Defensive Driving Courses Clipping service, printing and binding costs, safety material handouts, special exhibition material and tourist information	items pplies, onal s safety il and									
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 under- way so that printouts of the programs can be made available on a monthly basis.	jectives of the ata system to ties is also under- rams can be made	 COST BY TASK (\$000) Commodities Commodities Office Supplies Public Information supplies and equipment C. Defensive driving D. Safety materials and bondaries 	(\$000) pplies and	20 11 22	13 52 2 2	. 5	2 2	20 3 2	-5 -5 -5 -5	13 15 79.775 100 2	0.8	16 125 2
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DE TROUNE	TA INGWOMONO		5. DRAFTED BY APPROVED B	DRAFTED BY APPROVED BY	Walter Douglas John T. Hanna		$\frac{1970}{FY-2}$	1971 FY-1	FIE 1st Q	SCAL YE	FISCAL YEAR 1972 2nd Q 3rd Q	4th Q	TOTAL	19 73 FY+1	$19\frac{74}{FY+2}$
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		с С													
6b. OUTPUT	T	V										<u> </u>			
7. RESP. HSD	8. STD. 300	9. TA 3. Cí	TASKS & MILESTONES Commodities (continued)	STONES continued											
		ы. Б	Freight and express char, office and auto equipment	express c	Freight and express charges and re pair costs for office and auto conjourent	sts for									
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		-	ators and office personnel	ice persol	nnel										
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10. DESCRIPTION	IPTION			11. C	COST BY TASK (\$((\$000)									
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				'•	Furniture, equipment and etc.	t and etc.	6	5.5		. 75	. 75	c,	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Ľ	¢
				5. L	5. Indirect Costs					2)	•	>	>	2
				Α.	10% of Personnel Salaries	aries	14	18.6	4.83	4.83	4.83	4.83	19.32	24	27
				12. T	TOTAL COST										
				8	LOCAL SHARE							<u></u>			
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2. TITLE Planning and Administration.		8				_																															_
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AIA	-	3	115.7		57.9		57.9																														
VIRGINIA		2	85		42.5		42.5																														
ΓE		1	267.3		133.6		133.6																														
1. STATE		TOTAL	490.3		245.2	316.4	245.2																														
HIGHWAY SAFETY PROGRAM	SUBELEMENT SUPPLEMENT		Standard: 300 Total (\$000)	al	To Localities	Prev. Obligations	New Obligations	Standard:	Total	Federal	• To Localities	Prev. Obligations	New Obligations	Standard:	Total	Federal	To Localities	Prev. Obligations	New Obligations	Standard:	Total	Federal	To Localities	Prev. Obligations	New Obligations	Total	Federal	To Localities	Prev. Obligations	Local Costs by Object	Salarics	Per Diem and Travel	Contracts	Equipment	Supplies	Maintenance and Operations	Total
HGHWAY	SUBELEM		13. D	S	F.	Ч		I	в	n	Т	I	0	z		£	n;	X		s.	Т	Α	Z	D		V	ч	D		14. Loc		Pe	Co	Equ	Sul.	Ma	

EFFECTIVENESS SUPPLEMENT

TO THE SUBELEMENT

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19_24	FY+2		1.44	52.8	330, 000	75,000		
т <u>а 73</u>	FY+1		1.41	51.8	310,000	67, 000		
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r 72	4th Qt.							
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19 70 19 71	FY-2 FY-		1.326 1.35	48.7 49.6	265,000 280,00	45,000 53,0		
					265,000	45,000		
19 70	FY-2	6a. EFFECTIVENESS	1.326	48.7			5.	Ŀ

2. TITLE Periodic Motor Vehicle 3.	Captain R. M. Terry 1970 1971 FISCAL YEAR 1972 John T. Hanna FY-1 1st Q 2nd Q 3rd Q	defects on 27,08% of 1,203 1,286 338 338	4,500 4,750 1,250 1	D	Captain 1 </th <th>COST BY TASK (\$000) COST BY TASK (\$000) ersonnel 62 arsonnel 56 Administrative Personnel 141 Field Supervisory Personnel 141</th> <th>ST (\$000) 312 338 92 92 ARE 312 338 91 91 ARE 312 338 91 91 SHARE * NA NA NA NA</th>	COST BY TASK (\$000) COST BY TASK (\$000) ersonnel 62 arsonnel 56 Administrative Personnel 141 Field Supervisory Personnel 141	ST (\$000) 312 338 92 92 ARE 312 338 91 91 ARE 312 338 91 91 SHARE * NA NA NA NA
HIGHWAY SAFETY PROGRAM 1. STATE VIRGINIA ANNUAL SUBELEMENT PLAN		6a. EFFECTIVENESS Unscovered and required the correction of defects on 27,08% of vehicles inspected.	$\begin{array}{c} C & \text{of all registered vehicles inspected prior to operation} \\ \hline V & \text{No. of vehicles inspected} \end{array}$	 RESP. 8. STD. 9. TASKS & MILESTONES State Police 301 1. Operate an effective and efficient vehicle inspection program to detect and correct vehicle defects A. Personnel The program is administered by full-time employees 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. 	Admistration -	10.DESCRIPTIONThe ultimate goal of theState Police is to reduce the number of deaths,11.COST BY TASKinjuries, and amount of property damage causedA. Personnelby 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. We11.COST BY TASK	on the public highways and thereby reduce acci- dents. 12. TOTAL COST (\$ 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 TO LOCAL SHARE STATE SHARE

IV-7

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	2/8/7]	1974 FV40	-			44, 1		
1458	DATE 2/8/71	19 <u>73</u> FV-1				9 42,027	133	
	+	TOTAL	TWINT			7 40,026	128	
;	2-01-02	2 4th Q	7			10,006	33	
	NO.46-72-01-02	EAR 19 7 3rd O	7			10,006	32	
	е 3	FISCAL YEAR 19 72 2nd Q 3rd Q	7			7 10,006	32	
	or Vehicl on	F] 1st Q				7 10,006	32	
	Periodic Motor Vehicle Inspection	19 <u>71</u> FY-1				7 38,120	121	
	TITLE Per	19 <u>70</u> FY-2				7 36, 305	115	
						ge, are		
	5.	Terry				be Poli on of i increa s and heets postag	(\$000) pment	
	VIRGINIA	Captain R. M. Te John T. Hanna				Clerk B 34,577 hours annually are expended by State Police- men during the supervision and investigation of in- spection stations. These hours gradually increase along with the number of inspection stations and inspection applicants. . Supplies and Equipment - Inspection stickers, manuals, procedure sheets are furnished to each official inspection station. I. Inspection stickers and decals 2. Manuals, procedure sheets, instructions, postage, packaging supplies, etc.	COST BY TASK (\$000) Supplies and Equipment	TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES
		ED BY FED BY			TONES	nnually are supervision is. These I umber of in umber of in cants. in the and the and the sheet lies, etc.	н. е В. 8	12.] S I
	STATE	DRAFTED BY APPROVED BY			TASKS & MILESTONES (continued)	34,577 hours annually are men during the supervision spection stations. These along with the number of inspection applicants. Supplies and Equipment - Inspection stickers, manu furmished to each official furmished to each official furmis	Even though bgram for by evaluated ading ading m for 2n in-	ipts to r. pection ead
	н. Т	2.			ASKS & MI (continued)	34,577 men du spectio along w linspect furnish furnish Manual packag	 Even rogram ttly eva rading nandato um for 	on rece numbe and ins i/32" tr
	am Lan			د ں	9. T 2.	ä. i.s.	(continued) tor vehicles a effective pi m is constar ad improve: tandards upg included a tr wheel and dr	nspection fication macted squire 2
	PROGI		IESS		STD. 301		(cont notor v an effe ram is and im and im t standa th inclu	ed our i e identi s been e ed to r
	AFETY 3E LEM		EFFECTIVENESS	T	8.		PTION ion of 1 perated te prog expand pection recent	kes. e revise for th ion has mulgat
	HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN		EFFEC	OUTPUT	7. RESP. State Police		 DESCRIPTION (continued) for the inspection of motor vehicles. Even though Virginia has operated an effective program for many years, the program is constantly evaluated to strengthen, expand and improve: Vehicle inspection standards upgrading A. We have recently included a mandatory re- quirement to remove a wheel and drum for an in- 	 spection of brakes. B. We have revised our inspection receipts to include a space for the identification number. C. Legislation has been enacted and inspection regulations promulgated to require 2/32" tread depth.
	AN		6a.	6b.	7. State		10. for th Virgi many to str to str 1. V 1. V 1. A.	specti B. B. incluc C. C. regulá depth.

HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN	I NN	STATE		VIRGINIA	2. TITLE		Periodic Motor Vehicle Inspection	r Vehicle n	3. NO.	46-72-01-03	4.	DATE	2/8/71
	5.	DRAFTED BY APPROVED BY	Y	Captain R. M. Terry John T. Hanna		$19 \frac{70}{FY-2}$	19 <u>71</u> FY-1	FISC/ 1st G 2n	FISCAL YEAR 19 72	19 72 0 4th 0	TOTA	19 73 FV 1	19 <u>74</u>
6a. EFFECTIVENESS				•				-			TVIOT	I+I 1	F Y +2
6b. OUTPUT	C												
7. RESP. 8. STD. 9 State Police 301	9. TASKS 1. (cor C. Vil D. Ve for for for for for for for for for for	TASKS & MILESTONES (continued) C. Virginia's program (refer to D. Vehicle Inspection Standards Our regulations currently req forth by the National Highway recommended by the America Institute D7.1-1968 Code. We ing and considering adopting a (refer to attached chart)	rONES ogram (1 ction Sta ns curre: ns curre: ns curre: ns curre: ne curre: ne curre: ne chart ted chart	SKS & MILESTONES (continued) Virginia's program (refer to attached information) Vehicle Inspection Standards - Our regulations 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 study- ing and considering additional items, (refer to attached chart)	mation) ns set and ndards study-								
 DESCRIPTION (continued) Legislation has been enacted and inspection regulations altered to require windshields in ve- hicles. Regulations have been recently revised to cause a more complete inspection of wheels. Training of certified mechanics - A. mechanics must have at least one vear 	id) acted and i windshields ecently rev ion of whee nics - least one		 CO No substance new stance and supp 	 COST BY TASK No substantial cost for implementing new standards - normal personnel and supplies are utilized. 	nenting nnel		· · · · · · · · · · · · · · · · · · ·						
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-	ood reputat knowledge and instru shanics - the inspect	1	12. TO LIO FE	TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES									

0	NO. 46-72-01-04 4. DATE 2/8/71	$\begin{array}{c ccccc} 19 & \underline{72} \\ \hline 0 & 4 th & 0 \\ \hline \end{array} \begin{array}{c} 19 & \underline{73} \\ FY_{+1} \\ FY_{+2} \\ FY_{+2} \end{array}$						
	3.	FISCAL YEAR 19 72 1st Q 2nd Q 3rd Q						
	TITLE Periodic Motor Vehicle Inspection	$\begin{array}{c c} 19 & 70 \\ FY-2 \\ FY-1 \\ \end{array}$						
	VIRGINIA 2.	ED BY Captain R. M. Terry JED BY John T. Hanna				TONES	11. COST BY TASK	12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES
	AM 1. STATE	5. DRAFTED BY APPROVED BY		c	V	9. TASKS & MILESTONES	led) 4,000 man-hours ves both classroom rrect methods of training has recently idditional training for samually as it is	
	HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN		6a. EFFECTIVENESS		6b. OUTPUT	7. RESP. 8. STD.	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 cl assroom training has recently been extended three hours. Additional training ion the supervisors is conducted annually as it is meeded.	

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 NHSB. (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.

46-72-01-06

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.

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

* 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.

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TOTAL 1 TOTAL 1 as 368 240 NA NA NA NA NA NA NA NA ONS Ons ons ons ons ons ons ons ons ons ticons ons ons ons ons ons ons ons ons ons	HIGHW	HIGHWAY SAFETY PROGRAM	1. STATE	ΓE	VIRGIN	-7.		2. TITLE		iodic N icle In	Periodic Motor Vehicle Inspection	}	3. No.4	3. No. 46-72-01-07 4. DATE 2/8/71	DATE2/8/
D Distantarti: 301 2 3 4 5 6 7 8 9 T Total \$000) 363 240 12.8 7 8 9 T To Localities NA NA NA NA NA 8 9 T To Localities NA NA NA NA NA 8 9 T To Localities NA NA NA NA 8 9 9 T To Localities NA NA NA NA 8 9 U Peev. Obligations NA NA 8 9 9 U Federal To Localities N 9 9 9 U Peev. Obligations N N 9 9 9 N Standard: To Localities N 9 9 9 N Volugations N N 9 9 9 N Standard: To Localities N 9 9 9 N Volugations N N 9 9 9 N Standard: To Localities N 1	SUBEI	LEMENT SUPPLEMENT			-	-	Ļ,	ASKS (-						
D Standard: 301 368 240 T Total (\$000) 368 240 S Federal NA NA T To Localities NA NA R Prev. Obligations NA NA I Standard: Souther Standard: Souther Standard: B Total U Federal NA U Federal New Obligations Souther Standard: T To Localities Prev. Obligations Souther Standard: T To Localities Total Prev. Obligations N Standard: Total Souther Standard: T Total Total New Obligations B To Localities New Obligations New Obligations N Standard: Total New Obligations N Standard: Total New Obligations N New Obligations New Obligations New Obligations S Standard: Total New Obligations N Total New Obligations New Obligations N Total New Obligations New Obligations N Total New Obligations New Obligations <th></th> <th></th> <th>TOTAL</th> <th>1</th> <th>2</th> <th>3</th> <th>4</th> <th>5</th> <th>9</th> <th>7</th> <th>œ</th> <th>6</th> <th>10</th> <th></th> <th></th>			TOTAL	1	2	3	4	5	9	7	œ	6	10		
I Total (\$000) 368 240 S Federal NA NA NA T To Localities NA NA NA New Obligations NA NA New Obligations Standard: B Total U Federal T Prev. Obligations On New Obligations S N Standard: Prev. Obligations S N Standard: T Total B To Localities S N Standard: T Prev. Obligations S N Standard: T Total N Standard: T Total New Obligations S New Obl	13.	Standard:						***				_			
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Contracts Equipment Supplies Maintenance and Operations		Per Diem and Travel													
Equipment Supplies Maintenance and Operations		Contracts													
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		Maintenance and Operations		_		•				_					

EFFECTIVENESS SUPPLEMENT

TO THE SUBELEMENT

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19 74	FY+2		1, 489					
19 73	FY+1		1,422					
	Total		1, 354					
. 72	4th Qt.		338					
Fiscal Year 72	3rd Qt.		338					
H	2nd Qt.		338					
	1st Qt.		338					
19 71	FY-1		1, 286					· ·
1970	FY-2		1, 203					
Date	2/8/71		needing)					
Title and No. 46-72-01-08	Periodic Motor Vehicle Inspection	6a. EFFECTIVENESS	Number of inspected motor vehicles needing 1. (000)	2.	IV-14 °	4.	5.	6.

HIGHWAY SAFETY PROGRAM ANNIAL SHRFLEMENT PLAN	PROGRAM ENT PLAN	1. STATE	VIRGINIA	2. TITLE R	Motor Vehicle Registration	e	3.	NO.46-72-02-01	2-02-01	4.	DATE 2/9/71	/9/71
		5. DRAFTED BY APPROVED BY	(WLH) BY K. E. Harman (WLH) FD BY John T. Hanna	() $1970 \\ FY-2$	$\frac{1971}{FY-1}$	Ist Q	SCAL YI 2nd Q	FISCAL YEAR 1972 2nd Q 3rd Q	2 4th Q	TOTAL	1973 FY+1	$\frac{19}{FY+2}$
6a. EFFECTIVENESS		FECTIVENESS S	SEE EFFECTIVENESS SUPPLEMENT TO THE SUBELEMENT	MENT								
	C Pe	C Percent of retrieval requests	ıl requests validated									
	V _{No}	. of updates mad	V No. of updates made and no. of requests for retrievals	vals							-	
7. RESP. 8. S	STD. 9.	TASKS & MILESTONES	TONES									
Motor Vehicle 30 Registration	302 1.	Title all vehicles and traile	s and trailers	066	066	250	250	250	250	1,000	1,010	1,020
	2.	License vehicles and trailers	is and trailers	2.6	2.75	725	725	725	725	2,900	2,400	3, 200
:	°	Fuel t ax collection	tion	179,000	196,000	53, 750	53, 750	53, 750	53, 750	215,000	236,000 259,000	259,000
:		4. Dealers' licenses	es	85	89	23.25	23.25	23.25	23.25	93	98	103
10. DESCRIPTION The long term goal of our motor vehicle registration program is to reduce	The long ter ation prograr	m goal of our n is to reduce	 COST BY TASK (\$000) Titles) 1,560	1,840	470	470	470	470	1,883	1,980	208
the number of deaths, injuries and the amount of personal property damage caused by traffic law violators who should have had their driving priv- ileges revoked because of a previous conviction or violation. Our immediate goal is to make	injuries and nage caused b have had thei ise of a previo mediate goal	the amount of y traffic law c driving priv- us conviction is to make	 Licensing vehicles Fuel Tax Collection Dealer Licensing 	1,420 350 136	1, 770 370 150	450 97 38	450 97 38	450 97 38	450 97 38	1, 800 390 152		2,010 430 170
available such records that will enable the police to apprehend traffic violators in a minimum amount of time. The Division of Motor Vehicles is responsible for this endeavor and perform the following in complying with the above goal:	s that will en- iolators in a j Division of M s endeavor an g with the abo	able the police minimum lotor Vehicles d perform the ve goal:	12. TOTAL COST (\$000) LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES	6, 154 6, 154	7,460 7,460	2,000 2,000	2,000 2,000	2,005 2,005	2,005 2,005	8,018 8,018	8, 747 8, 747	9, 551 9, 551

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HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN	M 1. STATE		VIRGINIA	2. TIT	TITLE Mot Regi	Motor Vehicle Registration	Ð		NO. 46-7	NO. 46-72-02-02	4.	DATE	2/9/71
	<u>ى</u>	DRAFTED BY APPROVED BY	K. E. Harman John T. Hanna		1970 FY-2	19 71 FY-1	Ist Q	ISCAL Y 2nd Q	FISCAL YEAR 1972 2nd 0 3rd 0	4th C	TOTAL	1973 FV+1	19 74 FV 19
EFFECTIVENESS								۶ 	y	7			7111
	c												
.LUATUO	۷												
7. RESP. 8. STD. 9	9. TASKS & MILESTONES	STONES											
Registration 302	5. Mileage Permits	lits			172	180	47.25	47.25	47.25	47.25	189	198	208
=	6. Information Requests	equests			1.35	1.36	375	375	375	375	1.50	1.65	1.82
=	7. Uninsured Motorists	torists			1.96	2.06	5, 275	5, 275	5, 275	5, 275	2.11	2.16	2.22
												<u> </u>	
 DESCRIPTION Insure the proper titling of all vehicles and trailers to have record of all legal owners and lienholders. Insure proper licensing of all vehicles and trailers in order that proper and instant identi- fication is available. Proper collection of all motor fiel factor 	all vehicles and sgal owners and ull vehicles and id instant identi-	11. CC 5. M 7. Ut	COST BY TASK (\$000) Mileage Permits Information Requests Uninsured Motorists	6	32 80 410	35 87 464	9 225 124	9 225 124	9 225 124	9 225 124	36 900 498	38 945 549	40 990 604
insure fees for highway construction and main- tenance. 4. Proper licensing of all motor vehicle dealers for promoting the interest and protection of the general public.	iction and main- iction and main- or vehicle dealers protection of the	12. 12. 14. 17. 17. 17. 17. 17. 17. 17. 17. 17. 17	TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES										

IV-16

VIRGINIA 2. TITLE mout vencies 3. NO. 46-72-02-04 4. DATE 2/9/71	K. E. Harman 1970 1971 FECAL YEAR 1972 1973 John T. Hanna $FY-2$ $FY-1$ 184 Q $2nd$ Q $4th$ Q $777AI$ 1973				COST BY TASK	TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES
I I. STATE	5. DRAFTED BY APPROVED BY			TASKS & MILESTONES	11. g the owner to ' upon changing ration through TV eleases. If nec- nuel for corres-	the intention of 12. retieval of records
HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN		EFFECTIVENESS	OUTPUT V	RESP. 8. STD. 9.	 DESCRIPTION Bequest legislation requiring the owner to notify this Division immediately upon changing address. Develop public information through TV announcements and newspaper releases. If nec- essary, employ additional personnel for corres- pondence and data entry. 	records retrieval program with the intention of reducing the response time for retieval of records from terminal to terminal.

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SUPPLEMENT	SUBELEMENT
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Ĩ	Title and No. 46-72-02-06	Date o /o /m	19 70	12 61		H	Fiscal Year	r 72		19 73	19 74
	2/3 Motor Vehicle Registration	/	FY-2	FY-1	1st Qt.	2nd Qt.	3rd Qt.	4th Qt.	Total	FY+1	FY+2
6a.	EFFECTIVENESS										
	Accuracy of files *										
3.	Average time for updating of files	*									
IV-20 ಣೆ	Average time of record retieval from file	* #									
4.	Average entry time of registration records		1 wk.	1 wk.	4 das.	4 das.	4 das.	4 das.		2 das.	1 day
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.9	* Information will be available upon com- pletion of the new Traffic Records Data System	com- ta									

HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN	ROGRAM	1. STATE VIRGINIA 2.	TITLE M	Motorcycle Safety	afety	~~	NO. 46-7	NO. 46-72-03-01	4	DATE]	Feb. 8, 7
		5. DRAFTED BY William L. Howard APPROVED BY John T. Hanna	1970 FY-2	19 11 FY-T	lat O	SCAL YI	FISCAL YEAR 1972 2nd 0 3ml 0	44	1 UTOT	19 73 EV 1	19 74
6a. EFFECTIVENES	SS Number	EFFECTIVENESS Number of motorcycle deaths, injuries and acc. and amt. of eco.	+-+	+	FFECTI	VENESS	SUPPLE	MENT T	EFECTIVENESS SUPPLEMENT TO THE SUBELEMENT	UBELEM	F I +2 ENT
	C Pé	C Percent of state population covered	*NA	*NA					12	25	50
	N NO	No. of people contacted through motorcycle safety program *NA	rogram *NA	*NA					500,000		2 mill
7. RESP. 8. S1 State Police 30	STD. 9. 1 303 1.	TASKS & MILESTONES Development of helmet standard - making it a require- ment for both driver and rider to wear state approved helmets.	uire- wed	Law Passed & Imple.							
Dept. of Ed. 30	303 2.	Establishment of an out of school program for motor- cycle operators. Develop curriculum. a. hire instructors	tor	4	Survey	Nevril	Analvaie	Davel		T	, I c mi
		b. teach course			2	604 mm				erdmn	-ardum
HSD 30	303	To distribute handbooks to motorcycle operators who are no longer in school. Develop program and hand- book.	who bd-		Devel.		Distri.		_	Distri, Distri.	Distri.
30 HSD	303 4.	Establish special programs to educate operators, passengers, and dealers in proper motorcycle oper- ations.			Survey	Analysis Devel.	Devel.			Imple,	Imple,
 DESCRIPTION The thrust of the motorcycl safety program in Virginia may be divided into 2 phases: pre-accident preventive measures and post-crash minimization of injury. In reducing the motorcycle accident rate, the state has introduced a number of programs such as: (1) The presentation of motorcycle safety 	The thrust of tinia may be preventive m in of injury. otorcycle acc number of pr on of motorc	DESCRIPTIONThe thrust of the motorcycle11.COST BY TASK \$(000)program in Virginia may be divided into 22.Out of school programs: pre-accident preventive measures and strash minimization of injury.3.Handbooksn reducing the motorcycle accident rate, the has introduced a number of programs such4.Special education programs	22		ى ت	1	ę		ۍ ۳	48 2 4	50 6
programs to operators, passengers, and dealers. (2) Establishment of motorcycle training	perators, pa of motorcyc	12.		20	32	26	38	27	123	117	121
	cilities. amiliarize au nherent limit	classes and facilities. STATE SHARE Programs to familiarize automobile opera- fred rest inherent limitations and TO LOCALITIES			16 16	13	19	12.5 12.5	61.5 61.5	60 57	62 59
hazards of mot	torcycle opei	-			_				_	_	

* Not available.

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	l 💩	19 <u>74</u> FY+2				62	Imple.	Imple.	Imple.	 3 0 0 20 10
2	DATE Feb.	19 <u>73</u> FY+1				8	Devel.	Imple.	Imple.	30 I 0 33 S
	4	TOTAL				4				12 100 2
	2-03-02	4th Q			<u> </u>		unalysis	Devel.	İmple.	
	NO. 46-72-03-02	FISCAL YEAR 19 ⁷² 2nd Q 3rd Q			Imple.	1	Survey Analysis Analysis		Imple.	 55 10
	e,	SCAL YE 2nd Q				1	Survey /		Imple.	 25
	Safety	FE 1st Q			Devel.	-	Survey	Contract	Devel.	 53 K2
	Motorcycle Safety	1971 FY-1				2		Bids	Survey	20
		19 <u>70</u> FY-2			#					
	1. STATE VIRGINIA 2. TITLE	5. DRAFTED BY William L. Howard APPROVED BY John T. Hanna			TASKS & MILESTONES Develop a public information program to include all aspects of motorcycle operations (films, radio, etc.)	Motorcycle training courses (no. built) \$25,000 ea.	Design data system to enable us to change the effec- tiveness measure to death, accidents, and injury rate plus economic loss among motorcyclists with and without helmets.	Develop an educational TV program for motorcycle safety	High school motorcycle safety program (Cost shown in SEP 334)	II. COST BY TASK \$(000) 5. Public Information Program d legislation 5. and riders 6. 8. Education TV Program pproach to 9. m in the motor 9. ution in the 12. 8. Education TV Program 9. High school motorcycle safety n in the motor 9. ad by the 12. ation STATE SHARE FEDERAL SHARE TO LOCAL SHARE TO LOCALTITIES
	LAN LAN			U >	9. 5.]	6.]		x°	9, H	(continued) ents will occu te has enacte rcycle driver helmet, this twofold a this twofold a (2) a dimin d (2) a dimin d (2) a dimin cycle mishap eing develope eing develope
	ETY PROGI		EFFECTIVENESS	_	8. STD. 303	303	303	303	304	DESCRIPTION (continued) ognizing that accidents will occur regardler recautions, the state has enacted legislatio iring that all motorcycle drivers and rider r a state-approved helmet. The state expects this twofold approach to if in (1) an appreciable reduction in the mo e accident rate, and (2) a diminution in the equences of motorcycle mishaps. A data system is being developed by the fic Records Committee for evaluation oses.
	HIGHWAY SAFETY PROGRAM ANNIAL SITRELEMENT PLAN		6a. EFFECT	6b. OUTPUT	7. RESP. HSD		Traffic Records Committee	USH	Dept. of Education	 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.

3. No. 46-72-03-03 4. DATE 1/8/71																					_			 									-			
3. No. 46-75		10																						 												
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e Safety		∞		63	1			-		<i>.</i>										_				 												
2. TITLE Motorcycle Safety	-	2			~							•		-+										 	+											
LF Mo		9		100	20			50																 												
2. TIT	TASKS	5		12	9			9																 												
	-	4																			· ·			 												
NIA	_	3		ۍ ۲	1.5			1.5																 												
VIRGINIA		2	•	9	ი			8																												
5-1		1																																		
1. STATE		TOTAL		128	61.5			61.5														. <u></u>		 									_			
HIGHWAY SAFETY PROGRAM	SUBELEMENT SUPPLEMENT			I Total (\$000)	Fe	T To Localities	R Prev. Obligations	New Obligations	St		Fe	T To Localities	I Prev. Obligations	0 New Obligations	N Standard:	Total	Federal	v To Localities	Prev. Obligations	New Obligations	S Standard:	T Total	A Federal	D Prev. Obligations	New Obligations	Ē	Ē	D To Localities	Prev. Obligations	Local Costs by Object	Salaries	Per Diem and Travel	Contracts	Equipment	Supplies	Maintenance and Operations
IIGF	SUB.		13.													_						_			_					14.						

EFFECTIVENESS SUPPLEMENT TO THE SUBELEMENT 19 74 FY+2 3.5 40 * × * ٠ FY+1 19 73 35 ¥ က ¥ ¥ Total 30 2.5 × × ¥ 4th Qt. Fiscal Year 3rd Qt. 2nd Qt. * Information will not be available until new traffic record system is developed. 1st Qt. FY-1 19 71 × ¥ 2 × 28 FY-2 19 70 i.4 25 * * × Date 1/8/71 (000) Amount of economics loss among motor-cyclists: Number of motorcycle accidents among: No. of motorcycle related accidents those wearing a helmet [•] those not wearing a helmet wearing a helmet
 not wearing a helmet Number of motorcyclists injured wearing a helmet not wearing a helmet 46-72-03-04 No. of motorcycle deaths 6a. EFFECTIVENESS Title and No. ч. Ч ч. Ч e, •• ÷ 3 4 ഹ് IV-24

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HIGHWAY SA	HIGHWAY SAFETY PROGRAM	MAN	1. STATE		VIRGINIA	2. TI	TITLE D	High School Driver Education	cation	~	NO. 46-	46-72-04-01	4.	DATE 2	2/9/71
INC TROUME			5. DRAFTED BY APPROVED BY	D BY FD RY	DRAFTED BY Billy G. Johnson (WLH) A DPROVED RY John T. Hanna	(H	1970	11 11	ET ET	SCAL YH	FISCAL YEAR 1972			1973	19 74
6a. EFFEC	TIVENESS No.	t have con	ons with traffic muleted an and	c viola	EFFECTIVENESS No. of persons with traffic violations and/or involved in an acc.	n an acc.	SEE	EFFEC'	LIVENES	SUPPI	EMENT	4 LIL &	EFFECTIVENESS SUPPLEMENT TO THE SUBLEMENT		F I +2
		C Dore	and of high so	hool at	Percent of high school students taking Driver Education	ducation	42	45					48	50	52
6b. OUTPUT	Ш	V No.	of high school	studer	No. of high school students taking Driver Education	ttion	54,715	60,000				<u> </u>	00	00	80,000
7. RESP. Dr. Ed. Serv	8. STD. 304	9. TA	TASKS & MILESTONES Requirement of driver I origination	TONES driver	ASKS & MILESTONES Requirement of driver education certificate		Passed								
=	304		Statewide Educational television	tional	television		Devel.	Imple.							
=	304	م ~	No. educational presentations	onal pr	resentations	ł	ļ	180					180	180	180
	#000		No. Implemented	ented	rugram for semester Dr. Education program No. Implemented	H	Devel.	I 1		~	2		4	10	10
=	304		Alcohol Countermeasures	measu	tres Program		Devel.	1		,			1	à	
: :	304		river Educatio	n Car	Driver Education Car Control Program		Devel.						-		
	304	• •	embership in profe	protes	Membership in protessional organization (VADETS)	DETS)	Tratoh Latoh	000							
=	304	7, De	Develop a program for the	am for	r the preparation of Dr.	Ed.	ESUAD.	200							
			teachers.				Devel.	Imple.						Review	
			(Colleges wi	th app	(Colleges with approved curriculums)			13		14			14		
10. DESCRI High School D	10. DESCRIPTION The long term goal of the High School Driver Education program in Virginia	ng term f n prograu	goal of the m in Virginia	п. г	COST BY TASK Driver Education Certificate	tificate	8		5	<u>ب</u>	5	2	õ	9.5	ଟ
is to help redu	is to help reduce the number of accidents including	r of accid	lents including			ų		9		2.6	2.6	2 .8	1 00 _.	10	12
caused by driv	iatalities, personal injuries and property damage caused by drivers with poor driving habits and/or	and prop driving h	erty damage abits and/or												
attitudes. To	To accomplish this we intend to make	iis we inte	end to make												
high school stu	available a driver education course to all eligible high school students. In meeting the above goal w	course to eting the	o all eligible above goal we												
intend to acce level, for lead	intend to accept the responsibility, at the state level, for leadership in regard to direction, coor-	ibility, at urd to dir	LO LO	12.	TOTAL COST \$(000) LOCAL SHARE		10,628 7,894	11, 194 5, 803	2,952 1,575	2,952 1,575	2,952 1.575	2,952 1 1.575	12, 799 8. 485	13,600 13,474 7.900 6.274	13,474 6.274
driver educati	dination, supervision, and promotion of quality driver education programs. See Attachment A.	See Atta	t of quarity tchment A.		STATE SHARE FEDERAL SHARE		2,042	2,400	750	750	750		2,640	2,920	3,200
Projects and I implement the	Projects and programs being utilized at present to implement the total Driver Education program as	g utilized	at present to program as		TO LOCALITIES		508	3, 000- 2, 950	275 987.5	275 987, 5	275 987.5	275 987.5	1,674 1,580	3,000 4,950	4,000 5,950

IV-25

	4 1 0					°
2/9/71	19 74 FY+2			1 3 840 810 710		18 6,720 6,720 6,720 6,720
DATE 2/9/71	19 73 FY+1			1 22 805 740		17 39 17.5 5,772 5,772
4.	TOTAL			1 17 33 17 36 690		16 25.5 16.6 5,175 5,175
46-72-04-02	4th Q			1 2 17 17 690	<u></u>	4 6.375 4.150 1,493 1,294 1,294 1,294 1,294 5
NO. 46-7.	FISCAL YEAR 19 ⁷² 2nd Q 3rd Q			1 2 3 17 690 690		4 6. 375 4. 150 72, 2 1, 294 1, 294
3.	SCAL YE 2nd Q		<u> </u>	1 2 3 17 690		$\begin{array}{c} 4 \\ 6. 375 \\ 4. 150 \\ 1, 294 \\ 1, 294 \\ 1, 294 \end{array}$
cation	FI 1st Q			1 2 3 17 796 690		$\begin{array}{c} 4\\ 6.\ 375\\ 4.\ 150\\ 1,294\\ 1,294\\ 1,294\end{array}$
High School Driver Education	19 71 FY-1			1 1 2 746 640		15 12, 5 10, 6 4, 480
	1970 FY-2	-		1 1 2 17 694 610		14, 5 112 12 12 12 12 12 14 12 15 12 12 12 12 12 12 12 12 12 12 12 12 12
2. TITLE	(MLH)			\$14,500 12,500 avg. 5,000 avg. 7,000 avg. 7,000 avg.		\$(000) upervisor s Instructors ructors
VIRGINIA	Billy G. Johnson (WLH) John T. Hanna			sor sor or Supervisors stors		Person I Person 1. A. 1. 2. 2. 3. 3. B. Schu B. Schu 1. 2. 3. TOTAI LOCAI LOCAI LOCAI LOCAI TOTAI
STATE	DRAFTED BY Billy APPROVED BY John			TASKS & MILESTONES Personnel A. State level 1. Supervisor 2. Assistant Supervisor 3. Secretaries B. School Personnel 1. Coordinators and/or Su 2. Classroom Instructors 3. In-Car Instructors		
1. ST/	5. DF					below: ring tha tring tha te a sti consist in-car for a V o 18 yea o 18 yea izing lot prog
			د ن.	9. TASI 8. Per 8. 2. 1. 3. 3. 1. 5 3. 3. 3. 3.		ued) re shown ion requis ly comple program to apply to apply r prior to ision utili series ling - pi icate
HIGHWAY SAFETY PROGRAM ANNITAL SHEFLEMENT DLAN		ENESS		STD. 304		 10. DESCRIPTION (continued) 10. DESCRIPTION (continued) 11. 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. 11. 2. Statewide education television utilizing "Sportsmanlike Driving" series 3. Semester course scheduling - pilot program.
AY SAFE		EFFECTIVENESS	OUTPUT	RESP. 8. Ed. Serv		ESCRIPTI ced in Attaa sing of 196 sons shall red Driver oth class r before bei ators lice ewide educ rtsmanlik nester cou
HIGHW		6a. H	6b. C	7. RU Dr. Ed	• •	10. D present 1. Pass prov of bo tion tion oper age age 3. Sen 4. Dri

HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN	1. STATE VIRGINIA	2.	TITLE ^{Hig}	High School Driver Education	tion	3. NO. 46	NO. 46-72-04-03	4	DATE 2/9/71	17/9/1
	5. DRAFTED BY Billy G. Johnson (WLH APPROVED BY John T. Hanna	hnson (WLH) anna	$19 \overline{70}$ FY-2	19 71 FV-1		FISCAL YEAR 19 72			19 73	1974
6a. EFFECTIVENESS					╞	-	4m &	IUIAL	[+] 1	FY+2
6b. OUTPUT										
7. RESP. 8. STD. 9. Dr. Ed. Serv. 304 9	TASKS & MILESTONES 9. Program Administration A. Supplies (months) B. Travel C. Rent		12	12	ი ი	~~~~~	<i>ლ</i>	12	12	12
	. Contractual Services A. Vehicles B. Vehicle Maintenance (gas, oil) \$200/vch. (avg.) C. Maintenance agreements simulators D. Insurance \$150/car	:200/vch. (avg.) ttors	872 872 144 872	890 890 890 890		<u> </u>	· · · ·	900 900 900 900	950 950	960 960 568 960
 DESCRIPTION (continued) DESCRIPTION (continued) Driver Education Car Control Program Membership in (VADETS) Virginia Associa- tion 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 pro- gram in Virginia.) I Program ginia Associa- fety Education sociation. I COST BY TASK 9. Supplies Travel 10. Contractual Services of the Department r the entire pro-	ASK I Services	1.4 3.1 348	1.5 3.6 391	4 H	4 L 4 L	4. 1	1. 6 4 437	1.8 5 478	506 506
The Division of Motor Vehicles is in the pro- cess of designing a system to analyze the driving history of persons completing a driver education training course and receiving a driver education	s is in the pro- analyze the driving LOCAL SHARE a driver education FEDERAL SHARE a driver education TO LOCALITIES	rt RE HARE TTIES								

IV-27

/71	19 <u>74</u> FY'+2					20	10			9	0				506		210	250				
DATE 2/9/71	19 <u>73</u> 1 FY+1 F	+				ວຸດ	10		1	9	 F-1	en 1	ი		478			250				<u> </u>
4. D	TOTAL	+				15 4	5			e	0	 '	- ന		437		738	125				
46-72-04-04	4th Q	-																				
NO. 46-72	AR 1972 3rd Q 4					···· ···,_																
3. N	FISCAL YEAR 19 <u>72</u> 2nd Q 3rd Q																					
d	FIS 1st Q	-				15 4																
High School Driver Education	1971 FY-1					10	10		1	9		4 -	7 N		391		380	250 .6	2			
	19 <u>70</u> FY-2						15								348		480	375 .4				
1. STATE VIRGINIA 2. TITLE	5. DRAFTED BY Billy G. Johnson (WLH) APPROVED BY John T. Hanna			TASKS & MILESTONES	rocure Equipment	 A. Multicors 12 station mobile units at \$38,000 ea. 16 station mobile units at \$42,000 ea. B. Multi-car driving ranges at \$55,000 ea. 		C. State level	Projectors at \$23	Tape Cartridge at	Cousino at \$2	Carrying Case at	at s	11. COST BY TASK (\$000)	iveness of the 10. Contractual Services	11.	A.	related to the B. Ranges	;	cords committee 12. TOTAL COST		
HIGHWAY SAFETY PROGRAM ANNIJAL SUBELEMENT PLAN		6a. EFFECTIVENESS	6b. OUTPUT C	7. RESP. 8. STD. 9.	Local School Boards 304 11									10. DESCRIPTION (continued)	certificate to determine the effectiveness of the	driver education training course in preparing the individual to be a better, safe driver. The fre-	quency and type of accidents and conviction	involvement will be analyzed and related to the	tact of whether of not an individual had a driver training course and the invisdiction in which the	course was given. The traffic records committee	is in the process of developing a comprehensive data program that will enable us to evaluate our	driver education programs more effectively

2 17	STATE DRAFTED BY	VIRGINIA 2. Billy G. Johnson (WI H)	TITLE dr	Hig		3.	NO. 46-7	46-72-04-05	4.	DATE 2/9/71	17/9/2
541	John	John T. Hanna	19 <u>70</u> FY-2	1971 FY-1	Ist Q	SCAL YI 2nd Q	FISCAL YEAR 19 72 2nd Q 3rd Q	4th Q	TOTAL	19 <u>73</u> FY+1	1974 FY+2
					×				,		
TASKS & MILESTONES								+			
a system for extrac e Driver History Fi , and produce a fina	extract ory Filo a final	ing the necessary data e, analyze, and corre- report	a late	Design & Report		Report	Report	Report		Report	Report Report
A. 4 man-month at \$ B. Computer Rentals	th at \$ tentals	\$954/mo. s		2 mo.	1 mo.	1 mo.			2 mo.		
50 hours produces and the second seco	rs progr s produc	50 hours program testing at \$60, 30 hours production run time at \$60/hr.	\$60/hr. t /hr.	15 hr.	15 hr.	20 hr. report	······	<u>4 7 7</u>	35 hr. report	report report	report
13. In conjunction with the traffic records committee develop a data system for measuring more effectively the high school driver education program. The sys- tem will also include the evaluation of accidents as	e traffic for mea educatio he evalue	records committee suring more effectiv n program. The sy ation of accidents as	vely 's-		Survey	Survey	Survey Analysis Devel.	Jevel.		Imple.	Imple.
well as summons for all persons completing a Dr. Education course	all pers	ons completing a Dr.									
11. COST]	COST]	BY TASK									
12. TOTAI LOCAI STATE FEDEI TO L	TOTAI LOCAI STATE FEDEI TO L	TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES									

HIG.IWAY SA ANNIIAL SUP	HIG.IWAY SAFETY PROGRAM A NNIAL STIRE LEMENT DI AN	AM	1. STATE		VIRGINIA 2.	TITLE	High So Driver	High School Driver Education	Ę	3.	NO. 46-7	46-72-04-06	4.	DATE 2/9/71	11/6/
			5. DRAFTED BY APPROVED B	DRAFTED BY APPROVED BY	Billy Johnson John T. Hanna	F.	19_70 1 FY-2 1	1971 FY-1	FIS 1st Q	SCAL YE 2nd Q	FISCAL YEAR 19 72 2nd Q 3rd Q	4th Q	TOTAL	197 <u>3</u> FY+1	19 74 FY+2
6a. EFFEC	EFFECTIVENESS							 	 		F			+	
6b. OUTPUT		U >													
7. RESP.	8. STD.	9. TA	TASKS & MILESTONES	STONES			+								
CISH	304	14. The hav	The state will consider a law re have a driver education course.	onsider a ducation (The state will consider a law requiring that all drivers have a driver education course.	ivers		<u> </u>	Survey	Draft	Intro. Draft	99479-03800, 37107699			
· Dr. Ed. Services	304	15. Mo	storcycle Driv	ver Educ:	Motorcycle Driver Education Program		 0	Survey	Devel.	Imple.					
								9 - ФРО 42,999 (желлен Полици и Алана), на пробат и на	1974-1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1	and in the second s	allenten allente den en en anten anten den allente den allente den allente den allente den allente allente alle	n bar dan dalam teks kalan bar naka yen bar geng menjamat		an na sana sa	
10. DESCRIPTION	NOITY			11 C	COST BY TASK										
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ATTACHMENT A

WORK PROCEDURES IN DEVELOPING THE STATE APPROVED DRIVER EDUCATION PROGRAM

Active assistance by staff members includes:

- provide advisory and consultive services to help local school systems improve and expand their programs,
- 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 highquality teacher preparation programs,
- 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,
- 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,
- serve as liaison staff in order to develop and maintain close working relationships with interested agencies (both official and nonofficial),
- 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).

ol ication 3. No. 46-72-04-08 4. D.ATE 2/9/71		8 9 10 11	11,483 5.6 437 863.7	2.8 216	2.8 216	0	19 2.8 216 4		•										-		 													
2. TITLE Driver Education	TASKS	5 6 7	 																						 									
VIRGINIA	T.	3 4																			 				 									
STATE VIR	-	AL 1 2	2	L 1 4	0	0 0															 				 									
1	T	TOTAL	12,799	1,674			ions 1,674				Ñ	ations	ions				ß	ations	suo		 	s	ations		 s	utions							rations	
HIGHWAY SAFETY PROGRAM	SUBELEMENT SUPPLEMENT			S Federal	T To Localities	R Prev. Obligations	New Obligations	I Standard:	B Total	U Federal	T To Localities	I Prev. Obligations	0 New Obligations	N Standard:	Total	Ecderal	v To Localities	Prev. Obligations	New Obligations	Stan	ũ		D Prev. Obligations	A Total			14. Local Costs by Object	Salarics	Per Diem and Travel	Contracts	Equipment	Supplies	Maintenance and Operations	Total

EFFECTIVENESS SUPPLEMENT

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SUBELEMENT	
THE	
TO	

Title and No. 46-72-04-09	Date	1970	19 71		Ľ.	Fiscal Year	. 72		19 <u>73</u>	19 <u>74</u>
	2/9/71	FY-2	FY-1	1st Qt.	2nd Qt.	3rd Qt.	4th Qt.	Total	FY+1	FY+2
6a. EFFECTIVENESS										
* Number of accidents among those 16-18 years of age who have had Driver Education.	16-18 Education									
1.										
** Number of accidents among those 16-18 years of age who haven't had Driver Edu2. cation.	those 16-18 Driver Edu-					- <u></u>				-
* Number of accidents among those v had high school Driver Education.	those who have ation.									
3.										
4.	<u> </u>		· · ·			<u></u>				
5 .										
 * Data will be available in June 1971. ** Data will be available after develop 6. 	le 1971. development of new traffic records system.	ew traffic	records s	ystem.						

HIGHWAY SAFETY PROGRAM	PROGRAM	1. STATE	VIRGINIA	2. TITLE	1	Driver Improvement Schools	rement	3	NO, 46-72-04-10	2-04-10	4.	₩ DATE 2/9/71	√117/6/
		5. DRAFTED BY APPROVED B	5. DRAFTED BY Billy G. Johnson (WLH) APPROVED BY John T. Hanna		19 <u>70</u> FY-2	19 71 FY-1	FIS 1st O	SCAL YE	FISCAL YEAR 1972 2nd 0 3ml 0	4th O	TOTAT	1973 EV.1	1974
6a. EFFECTIVENESS	ser numbers	Number of people convicted of a hazardou completing driving improvement schools.	<u>sted of a hazardous moving viol:</u> ovement schools.		1 <u>-</u> H	EFFECT	IVENESS	SUPPLE	MENT F		JBELEN	ENT	r 1 † 6
6b. OUTPUT	C C	Percent of perso Number of perso	<u>Percent of persons attending driver improvement schools</u> Number of persons attending driver improvement schools		VN*								
7. RESP. 8. S'	STD. 9.	TASKS & MILESTONES	stones										
Local Political Subdivision 304		1. Establish Driv	Establish Driver Improvement Schools in localities	alities									
Community		around the state.	ite. (no.)		15	10					10	10	10
		2. Establishment improvement	Establishment of regional training centers for traffic improvement	r traffic			1	1		1	4	1	
Traffic Records 310 Committee		3. Develop Data (Develop Data System for evaluation of program				Survey & Analvsis	Survey	Survey	Devel.		Imple.	Imple.
10. DESCRIPTION In order to reduce the num- per of accidents including fatalities, personal injuries, and property damage caused by boor	n order to j ng fatalitie amage caus	reduce the num- s, personal sed by poor	11. COST BY TASK (\$000) 1. Driver Improvement Schools	hools	+	15	+	1		-	20	25	25
lriving 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	ttitudes of (improvem iolators and additional from	drivers, Virginia ent program 1 all others the state's	2. Regional training centers	SI			۵.	ۍ ا	ນ	ى م	20	20	20
Driver Education Service are designing the pro- gram and also working with the courts for it im-	ce are designing with the co	gning the pro- urts for it im-	12. TOTAL COST \$(000) LOCAL SHARE			15	2	2	2	5	40	45	45
plementation. The facilities and personnel at the local high schools will be utilized for this program.	ities and pe be utilized	ersonnel at the for this program.	STATE SHARE			7.5	2.5	2.5	2.5	2.5		22.5	22.5
0			FEDERAL SHARE TO LOÇALITIES			7.5 7.5	2.5	2.5	2.5	2.5	20 20	22.5 22.5	22.5 22.5
*Data Not Yet Available	0		والمحالية			1						1	

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2. TITLE Driver Improvement	-	9																	,															-	_	· · · · ·		
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ΈTΥ	INS .		Standard:	Total	Federal	To	Pr	Ne	Standard:	Total	Federal	To	Ρr	Ne	Standard:	Total	Federal	To	Pr	Ne	Standard:	Total	Federal	To	Pr(Ne	Total	Federal	To	Pre	osts		m ar	ts	ent		ance	-
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HIGHWAY SAFETY PROGRAM	SUBELEMENT SUPPLEMENT		13.																											!	14.							
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	Title and No. 46-72-04-12	Date	1970	19.71			Fiscal Year	r 72		19 73	19_74
		2/9/71	FY-2	FY-1	1st Qt.	2nd Qt.	3rd Qt.	4th Qt.	Total	F'Y+1	FY+2
	6a. EFFECTIVENESS										
	1	41									_
	*Number of persons involved in an accident after completing Driver Improvement Course.	ident Course.									
	2.										
IV-36	*Traffic violations among those who have previously attended a Driver Improvement Course.	ive ment									
	3.										
	4										
	ی. ت										
······	*Data will be available upon completion of new traffic records system 6.	of new tra	uffic recon	ds system							

ÉFFECTIVENESS SUPPLEMENT TO THE SUBELEMENT

HIGHWAY SA ANNIAL SITE	HIGHWAY SAFETY PROGRAM ANNIAL SIRFLEMENT PLAN		STATE	VIRGINIA	2. TITLE		Adult Driver Education	E E		NO. 46-7	46-72-04-13	4	DATE2/9/71	/9/71
		5.	DRAFTED BY APPROVED B	DRAFTED BY Billy G. Johnson(WLH) APPROVED BY John T. Hanna		$\frac{19}{\mathrm{FY-2}}$	19 71 FY-1	FIG 184 O	SCAL YI	FISCAL YEAR 1972 2nd 0 3ml 0	2 4th O	TOTAL	1973 FV-1	19 74 EV . 2
6a. EFFEC	EFFECTIVENESS					SEE E	SEE EFFECTIVENESS SIIPDI. FMENT TO THE SIBEL EMENT	ENESS S	IPPLEN	FNT TO	THF SIT	BELEME		1170
6b. OUTPUT	Т	C% of the adult drivers completi V No. of adults completing adult	<u>lrivers</u> ompleti	C% of the adult drivers completing an adult driver education course V No. of adults completing adult dr. educ. course 602	education	course 602	700		400		400	800	1200	1400
7. RESP.	8. STD.	9. TASKS & MILESTONES	LESTO	NES										
Dr. Equc. Service	304	 Develop a curriculum for an program. 	ırriculu	um for an adult driver education	ttion		Survey	Analysis	Devel.	Imple.				
Dr. Educ. Service	304	2. Develop a curriculum for an driver education program.	rriculu tion prc	m for an adult motorcycle safety ogram.	safety			Survey Analysis Report	Analysis	Report	Devel.		Imple.	
Dr. Educ. Service	304	3. Develop a curriculum for all EMS personnel.	rricului personn	Develop a curriculum for a driver education program for all EMS personnel.	ogram				Analysis		Devel.			
10. DESCRIF order to reduct injuries, and p who have poor in the process education progr	PTION The Sta e the number c property damag driving habits of establishing ram to be offer school youth in	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	8 8 11.	COST BY TASK (\$000)										
program will a Emergency Me motorcycle dri Services of the develop the cur	program will also deal with Dr. Education f Emergency Medical Service personnel as w motorcycle drivers. The Driver Education Services of the Department of Education wil develop the curriculum and set up the cours	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.	as 12.	TOTAL COST (\$000) LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES			25.5 25.5 12.75 12.75					26.5 13.25 13.25	28 14 14	28.4 14.4 14.4

IV-37

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DATE 2/9/71	19 73	1+13					1	1	. – .				18.5	6.5	1	G	۹			
4.	TOTAT	TVIAT					1	1					17.5	9	1	c	4			
2-04-14	2			· · ·		<u></u>	н ,			 	Devel.			_						
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Adult Driver Education	19 71 FY-1			· ·			μ,			 			16.1	5.5	2.1	۲ ۵				
	1970 FY-2			-						 										
JRAM 1. STATE VIRGINIA 2. TITLE	5. DRAFTED BY Billy G. Johnson (WLH) APPROVED BY John T. Hanna		C	Λ	9. TASKS & MILESTONES		4. Personnel 1. Assistant Supervisor	2. Secretary	5. Equipment 1. Supplies (office) 2. Furning (office)	6. Travel (Assistant Supervisor)	7. Develop Data System for evaluation of adult Dr. Educ.	10. DESCRIPTION An additional assistant 11. COST BY TASK (\$000) supervisor will be hired to travel throughout 4. Personnel	in1.	implementing and expanding Driver Education 2. Secretary	programs for adults and out-of-school youths. 5. Equipment	with the Traffic Records Committee to develop a 6. Travel		adult driver education program. The courses will 12. TOTAL COST be taught by local school personnel utilizing 1.000 at 54005		FEDERAL SHARE TO LOCALITIES
HIGHWAY SAFETY PROGRAM	I TN TW TT TO	EFFECTIVENESS		11	8. STD.		505	,	304	 304		IPTION An ad III be hired to	ork with local	and expanding	adults and ou	tic Records Co	or more effec	education prog ocal school pe	ol Dr. Educati	
HIGHWAY S.	DE TRONNE	6a. EFFE		6b. OUTPUT	7. RESP.	Driver Ed.	Services		Dr. Educ. Services	 Dr. Educ. Services		10. DESCRI supervisor wi	the state to w	implementing	programs for	with the Traff	data system f	adult driver e be taught by lo	the high schoo	-

IV-38

TIT FUOURMM L. STATE VRGIMA 2. TITLE Adult Driver Education SUPPLEMENT TOTAL 1 2 3 4 5 6 7 8 9 SUPPLEMENT TOTAL 1 2 3 4 5 6 7 8 9 SUPPLEMENT TOTAL 1 2 3 4 5 6 7 8 9 Otal<(800) 26.5 11.75 .5 1 2 1 2 1 2 1		1117 A 177			,												
D Standarti 34 5 6 7 8 9 1 Total (800) 26.5 1 2 3 4 5 6 7 8 9 7 To Localities 10.00) 26.5 1 2 3 4 5 6 7 8 9 7 To Localities 13.25 11.75 5 1 2 3 1 5 6 7 8 9	SUB	TWAT FLEM	JENT SUPPLEMENT	I. SIAI		VIRGIN	AILA		2. TITI	F Adul	t Drive	r Educa		. No. 4	6-72-04-15	3. No. 46-72-04-154. DATE 2/9/71	E/
TorAL 1 2 3 4 5 6 7 8 9 F Total \$304 26.5 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1						-	_	[+-	ASKS	-		_	-				
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Per Diem and Travel Contracts Equipment Supplies Maintenance and Operations		Sal	arics	<u> </u>													
Contracts Equipment Supplies Maintenance and Operations		Рег	r Diem and Travel														
Equipment Supplies Maintenance and Operations		Con	ntracts														
Supplies Maintenance and Operations		Equ	aipment		_												
Maintenance and Operations		Sup	plies														
Trotal		Mai	intenance and Operations														
			Total														

EFFECTIVENESS SUPPLEMENT

TO THE SUBELEMENT

Title and No. 46-72-04-16	Date	19_20	19 11		H	Fiscal Year 72	r 72		19 73	19_74
Adult Driver Education	2/9/71	FY-2	FY-1	1st Qt.	2nd Qt.	3rd Qt.	4th Qt.	Total	FY+1	FY+2
6a. EFFECTIVENESS										
*Number of adults with traffic violations that have attended an adult driver education course.	us ation					,				
1.										
*Percent of the total state accidents caused by those adults having attended an adult $\frac{1}{2}$.	used									
*Amount of economic loss from accidents among those having attended an adult driver education course. 3.	Its									
*Number of deaths among those completing an adult driver education course.	ting			· · · · · · · · · · · · · · · · · · ·						
4.										
*Amount of property damage among those completing an adult driver education course. 5.	se urse.									
*Information will be available upon completion of the states new traffic records system. 6.	pletion of	the states	new traffic	c records	system.					

EFFECTIVENESS driver where of the second driver where the second driver where the second driver with the second dr	5. DRAFTED BY Billy G. Johnson (WLH) 5. DRAFTED BY John T. Hanna APPROVED BY John T. Hanna Number of trashes and violations involving the handicapped driver who have had driver education. C Percent of handicapped drivers having taken Dr. Ed. V Number of handicapped drivers having taken Dr. Ed. 9. TASKS & MILESTONES	1970 FY-2 SFF F	19 71			79			
EFFECTIVENESS Ariver wh OUTPUT C Per OUTPUT 8. STD. 9. T Educ. 304 1. Rehab. 304 2.	D D1 JOIN 1. Rating ations involving the handicapped education. Ped drivers having taken Dr. Ed. ONES			FISC		21		1973	1974
EFFECTIVENESS driver wh OUTPUT C Per Nu Educ. 8. STD. 9. 7 Educ. 304 1. 1. Rehab. 304 2.	education. ed drivers having taken Dr. Ed. ped drivers having taken Dr. Ed. ONES		FY-1	1st Q 2r	2nd Q 3rd Q	4th Q	TOTAL	FY+1	FY+2
OUTPUT C Peil V Nu V Nu RESP. 8. STD. 9. 7 Educ. 304 1. 1. 1. Rehab. 304 2. 2.	ed drivers having taken Dr. Ed. ped drivers having taken Dr. Ed. ONES		FFECTIVE	ENESS BUT	EFFECTIVENESS SUPPLEMENT TO THE SUBELEMENT	TO THE S	UBELEME	TN:	
RESP. 8. STD. 9. 7. Educ. 304 1. 1. 7. vices 304 2. 2.	ONES	*350	380	2	500	500	650	700	800
vices 304 1 Rehab. 304 2.									
Rehab. 304 2.	ocational driving beyond Dr. Ed.	30	33				60	100	146
	Special driver education programs for the handicapped No. of cities with programs.	7	ę				4	9	æ
Dr. Ed. Serv. 304 3. Driver Education Program (No. of students)	Program with wayward boys-\$135 ea. student.	40		1	100	100	200	200	200
Dr. Ed. Serv. 304 4. Driver Education P. tion Centers.	Driver Education Programs at Vocational Rehabilita- tion Centers. No. taught	150	150				150	150	150
Dr. Ed. Serv. 304 5. Driver Education Ce Driver Education).	Driver Education Certificate (see SEP for High School Driver Education).								
 DESCRIPTION To reduce the number of 10. DESCRIPTION To reduce the number of accidents including fatalities, personal injuries, a and property damage among those drivers with some sort of handicap is the ultimate goal of Va. 4 At the present time, driver education is taught at the present time, driver education is taught at the present 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 brow qualified the present is also bersonnel. A Driver Education brows for wavelence at the local high schools by qualified personnel. 	 COST BY TASK (\$000) Boys Home Vocational Rehabilitation Center (includes instructors' salary) 	5.4 13.5	13.5		13.5	13.5	27 14	27 15	27 16
ward boys. AAA presented a course in 1969 to approximately 40 boys. The school has decided to apply for certification from the state to make	12. TOTAL COST (\$000) LOCAL SHARE	18.9	13.5		13.5	13.5	41	42	43
available a Driver Education course to all those eligible.	STATE SHARE FEDERAL SHARE TO LOCALITIES	18.9	13.5		13.5	13.5	41	21	21.5 21.5

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

DATE 2/9/71	$\frac{73}{+1}$ $\frac{19}{19}$ $\frac{74}{+2}$	┿		le.			
DAT	1973 FY+1	+		Imple.	······		
4	TOTAL						
NO. 46-72-04-18	2 4th Q			Devel.			
NO. 46-7	FISCAL YEAR 19 72	ſ					
3.	SCAL YI 2nd Q			Analysis			
tion pped				Survey Analysis			
TITLE Driver Education	19 71 FY-1		-				
LE for the	19 70 FY-2						
VIRGINIA 2. T	Billy G. Johnson (WLH) Y John T. Hanna			. TASKS & MILESTONES 6. Develop Data System for evaluation of program.		11. COST BY TASK	12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES
1. STATE	5. DRAFTED BY APPROVED B			TASKS & MILESTONES Develop Data System fo		• Education ucation is in the Education Progr t with local mentation. fic records com- or more effectiv	
HIGHWAY SAFETY PROGRAM ANNIAL SITBELEMENT PLAN		6a. EFFECTIVENESS	6b. OUTPUT C	8. STD. 9 ds d 310	tion Services	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 com- mittee to develop a data system for more effective evaluation of the program.	

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Driver Education for the handicapped	-	8						_																			-											
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Driver Education 2. TITLE the handicapped	-		-						-																						-							-
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Y PR	IPPLI		ard:	al	Federal	o Loc	rev.	ew Ot	rd:	al	Federal	o Loc	rev.	ew Ob	ard:	al	Federal			ew Ob	urd:	лl	Federal	o Loc	rev. (ew Ob		Federal	Loc	rev. (s by C		und T				e and	
AFET	NT SI		Standard:	Total	Fed	Г	д	z	Standard:	Total	Fed	F	Ч	Ż	Standard:	Total	Fed	E	, <u>c</u>	Ż	Standard:	Total	Fed	Ţ	Ū.	Ż	Total	Fed	Ĩ	Ŀ	Local Costs by Object	ics	Per Diem and Travel	stor:	Equipment	ies	tenanc	Total
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HIGHWAY SAFETY PROGRAM	SUBELEMENT SUPPLEMENT		13.												•						,						•				14.							
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EFFECTIVENESS SUPPLEMENT

TO THE SUBELEMENT

		19_70	19 71	1	H	Fiscal Year 72	: 72		19_73	19_74
Driver Education for the Handi- capped	11/6/2	FY-2	FY-1	1st Qt.	2nd Qt.	3rd Qt.	4th Qt.	Total	FY+1	FY+2
6a. EFFECTIVENESS										
*Number of accidents caused by handicapped drivers.	ped	<u></u>								· · ·
1.										
*Number of accidents involving handicapped drivers who have completed driver education.	ed ti on.		<u> </u>							
2.										
*Number of deaths among the handicapped the drivers who have completed driver education.	d tion.									<u>, , , , , , , , , , , , , , , , , , , </u>
3.										
*Amount of economic loss attributed to the handicapped driver who have completed a driver education course.	g						<u> </u>			
*Amount of personal property damage among those handicapped drivers who have completed a driver education course. 5.	leted		}							
*Data will be available upon completion of the states new traffic records system 6.	f the state	s new tris	affic recor	ds system	-					

									
2/9/71	19 74	FY+2		4000	60	60		1	1 5 2
DATE	$19\overline{73}$	FY+1	TV	3000	50	55		1	1 5 2
4.		TOTAL	THE SUBELEMENT	2500	40	45	Expenses	2	1 I 2
2-04-21	8.	4th Q	THE SU					۶	.5 .25 .25
NO. 46-72-04-21	FISCAL YEAR 19 72	3rd Q	ENT TO	1250				ي. ن	.5 .25 .25
3.	SCAL YE	2nd Q	IPPLEN	1250				ب	.5 .25 .25
u	FL	1st Q	ENESS SL					ب	.5 .25 .25
Commercial Driver Education	1261	FY-1	FFECTIVENESS SUPPLEMENT TO	2000	35	40		1.5	1.5 1 .5
	19_70	FY-2	SEE EI	1800	32	33	Esta b- lished	I	1 • 5 • 5
VIRGINIA 2 TITLE	Ē	ED BY John T. Hanna		% of the drivers completing Commercial Dr. Educ. No. of drivers completing Commercial Dr. Education	TASKS & MILESTONESCommercial driver education schools licensed andcertified by the Driver Ed. Service. No. Licensed	Commercial Driver Training Schools licensed by the Department of Professional and Occupational Regis- tration. (contracted)	State Board for Commercial Driver Training Schools Expenses for five members	 COST BY TASK (\$000) Expenses and per diem 	12. TOTAL COST (\$000) LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES
LM 1. STATE	5.	APPROVED BY		C % of the drivers c V No. of drivers cor	 Pasks & MILESTONES Commercial driver educati certified by the Driver Ed. 	 Commercial Driver Trainin Department of Professional tration. (contracted) 	3. State Board for Schools Expens	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)
HIGHWAY SAFETY PROGRAM	אבין אבאביו אני		EFFECTIVENESS		8. STD. 304	304	304	PTTON The long rriver Education e number of acc sonal injuries an idividuals not fo education in hig ommercial scho	If they are going to instruct anyone under the age of 18. The remaining commercial school are licensed by the Department of Profession and Occupational Registration. (continued)
HIGHWAY SA			6a. EFFEC	6b. OUTPUT	7. RESP. Driver Ed. Service	Dept. of Prof. and Occupa- tional Regis- tration.	Governor's Office	10. DESCRI Commercial D is to reduce th fatalities, pers among those in receive driver present time oc to meet the san	if they are goir age of 18. The are licensed by and Occupation

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2/9/71	$\frac{19}{FY+2}$									
DATE	19 73 FY+1				Imple.					
4	TOTAL									
46-72-04-22	4th Q 7				Devel.					
					Report			-		
3. NO.	FISCAL YEAR 1972 2nd Q 3rd Q				Survey R	<u> </u>	·			
	FISC 1st Q 2			+	Survey Sı & Analysis					
Commercial TITLE Driver Education					Su	<u> </u>				
Commercial Driver Educa	19 71 FY-1							-		
LE Dri	19 70 FY-2									
2. TIT					ation of					
VIRGINIA	DRAFTED BY Billy G. Johnson (WLH) APPROVED BY John T. Hanna			NES	4. Develop Data System for more effective evaluation of the program			COST BY TASK		. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES
1. STATE	5. DRAFTED BY ^E APPROVED BY			TASKS & MILESTONES	Develop Data Syste the program			DESCRIPTION The 1968 session of the 11.	General Assembly of Virguna Passed Cuapter 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,
OGRAM T DI AN	I PLAN	5	<u>د</u> ک					he 1968 s	upute performance of the Legistry of the Legis	ools and, to establ ocation, instructo d instruc fees and
FETY PR	E LEMEN	EFFECTIVENESS	L	8. STD.	310			PTION T	he Asseml he Asseml trd entitle briver Tra a Board, a authority (uning sch authority lating to l truction, school an chedule of
HIGHWAY SAFETY PROGRAM	ANNUAL SUBELEMENT FLAN	6a. EFFEC	6b. OUTPUT	7. RESP.	Traffic Records Committee			10. DESCRI	General Assembly of Viguna 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, gav the Board the authority to establish rules and regulations relating to location, equipment, courses of instruction, instructors, previous records of the school and instructors, financi statements, schedule of fees and charges,

1. 5. 5. 7. <th>STATEVIRGINIA2.TITLECommercial3.NO.46-72-04-234.DATE2/9/71</th> <th>DRAFTED BY Billy G. Johnson (WLH) $19 \frac{70}{FY-2}$ $19 \frac{71}{FY-1}$ $19 \frac{71}{Ist Q}$ $710 \frac{19 \frac{72}{2}}{FY-1}$ $19 \frac{73}{FY+2}$ $19 \frac{74}{FY+1}$ $19 \frac{74}{FY+1}$ $19 \frac{74}{FY+1}$ $19 \frac{74}{FY+1}$ $19 \frac{74}{FY+1}$ $19 \frac{74}{FY+1}$ $10 \frac{74}{F$</th> <th></th> <th>& MILESTONES</th> <th></th> <th>r and 11. COST BY TASK such neces- f the digate rs as the role of for the rs as the /th> <th>m- 12. TOTAL COST more LOCAL SHARE</th>	STATEVIRGINIA2.TITLECommercial3.NO.46-72-04-234.DATE2/9/71	DRAFTED BY Billy G. Johnson (WLH) $19 \frac{70}{FY-2}$ $19 \frac{71}{FY-1}$ $19 \frac{71}{Ist Q}$ $710 \frac{19 \frac{72}{2}}{FY-1}$ $19 \frac{73}{FY+2}$ $19 \frac{74}{FY+1}$ $19 \frac{74}{FY+1}$ $19 \frac{74}{FY+1}$ $19 \frac{74}{FY+1}$ $19 \frac{74}{FY+1}$ $19 \frac{74}{FY+1}$ $10 \frac{74}{F$		& MILESTONES		r and 11. COST BY TASK such neces- f the digate rs as the role of for the rs as the	m- 12. TOTAL COST more LOCAL SHARE
	Billy G. Johnson (WLH) John T. Hanna					COST BY TASK	TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE
	STATE	DRAFTED BY APPROVED BY		TASKS & MILESTONES		e 11.	12.

3. No. 46-72-04-24 4. DATF 2/9/71																-	 					 													
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STATE.		TOTAL												-			 	 				 	_												
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HIGHWAY SAFETY PROGRAM	SUBELEMENT SUPPLEMENT		ij		Ē	T To Localities		New Obligations	I Standard:	B Total	U Federal	T To Localities	I Prev. Obligations	O New Obligations	Star	Total	B To Localities	New Obligations	S Standard:	_	A Federal	D Prev. Obligations	New Obligations	A Total	R Federal	D To Localities	Prev. Obligations	Local Costs by Object	Salarics	Per Diem and Travel	Contracts	Equipment	Supplies	Maintenance and Operations	1 01:01
ніснм	SUBEL		13.																									14.							

EFFECTIVENESS SUPPLEMENT TO THE SUBELEMENT

h	Title and No. 46-72-04-25 Date Commercial Driver Education 2/9/71	19 70	19 71		I	Fiscal Year	r 72		19_73	19_74
		FY-2	FY-1	1st Qt.	2nd Qt.	3rd Qt.	4th Qt.	Total	FY+1	FY+2
·t	6a. EFFECTIVENESS				-					
	*Death rate among those completing a driver education course at a commercial driving school.									
	*Accident rate among those completing a driver education course from a commercial 2, riving school.									
	*Economic loss among those completing a driver education course from a commercial driving school. 3.									
L	*Personal property damage among those completing a commercial driving school. 4.									
	5.									
	*Data will be available upon completion of Virginia's new traffic records system.	nia's new t	raffic reco	rds syster	ï					

HIGHWAY SAFETY PROGRAM ANNUAL SUBFLEMENT PLAN	GRAM PLAN	1. STATE	VIRGINIA	ILA 2.	TITLE Dr	Driver Testing and Licensing	ıg and sing	~~`	NO.46-72-05-01	2-05-01	4.	DA'FE 2/9/71	11/6/
		5. DRAFTED BY APPROVED BY	Y Joh	E. Spring n T. Hanna	19 <u>70</u> FY-2	19_71 FY-1	FI Ist Q	SCAL YE 2nd Q	FISCAL YEAR 19 72 2nd Q 3rd Q	2 4th Q	TOTAL	19 Z3 FY+1	19 <u>7</u> 4 FY+2
6a. EFFECTIVENESS	SEE EFFE	CTIVENESS	SUPPLEMENT T	SEE EFFECTIVENESS SUPPLEMENT TO THE SUBELEMENT	TN								
	C Per	cent of total	Percent of total drivers tested										
6b. OUTPUT	V Tot	al number of	Total number of drivers licensed									-	
7. RESP. 8. STD.	.6	TASKS & MILESTONES	TONES										
DMV 305	1. Ins	truction Pern	nit Testing and L	1. Instruction Permit Testing and Licensing Program						_			
	A. II	A. Instruction Permits Issued	rmits Issued		155,000	155,000 163,000	43, 000	43,000 43,000 43,000		43,000	43,000 172,000 181,000 190,000	181,000	190,000
	В. 1. 1.	B. Personnel1. Supervisors			က	rs		ო	n	ę	en	က	n
	5.	2. License Examiners	miners		21	21	21	21	21	21	21	21	21
	ۍ ۳	Clerks			15	15	15	15	15	15	15	15	15
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 in- itially and every four years thereafter. The test- ing and licensing will be conducted by reconced	long-term o Licensing I Lucensing I nalified dri pullified dri number of number of nal injuries insing drive: s thereafter	bbjectives of Program is th vers on the crashes, and property rs both in-		 COST BY TASK (\$000) Instruction Permit Testing and Licensing Program 	159	168	45	45	45	45	183	199	216
of the Virginia Division of Motor Vehicles. Our immediate plans and programs in accomplishing	Motor Vehi ams in acco	cles. Our propision	12. TOTAL COST LOCAL SHARE	OST (\$000) IARE	5, 621	6, 819	1,903	1, 903	1, 903	1,903	7,615	8, 396	9, 384
this goal are shown on the following pages of this SEP.	following pa	ages of this	STATE SHARE FEDERAL SHARE TO LOCALITIES	IA RE , SHARE A LITTES	5,621	6, 566 253	1, 815 88	1, 815 88	1, 815 88	1, 815 88	7,263 352	8, 396	9, 384

5. DIAFTED BY R. E. Spring 19.70 19.71 FRSAL VERUS Percent of total drivers tested 19.70 19.71 141.0 1071.11 Percent of total drivers tested 19.71 141.0 211.0 212 Percent of total drivers tested 200 205 53 53 53 53 212 A. Original Licenses Issued (000) 200 206 53	HUTH ANNA	WAY SA	HUHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN	GRAI PLA	M I. STATE	Ā	VIRGINIA	2. TJJ	TITLE DRT	DRIVER TESTING AND LICENSING	CING AND	°.	NO. 46-72-05-02	2-05-02	, Ť	DATE 2/9/71	11/6/
IF FOCTURENESS OUTPUT C Percent of total riverse tested and licensed IBSP: R. STD. 9. TAXES & MILESTONES Second difference tested and licensed Second difference tested and licensed IBSP: R. STD. 9. TAXES & MILESTONES Second difference tested and licensed Second difference Second difference <th< td=""><td></td><td></td><td></td><td></td><td>2</td><td>ED B VED</td><td>R. E.</td><td></td><td>16 70 FY-2</td><td></td><td></td><td>SCAL YF 2nd O</td><td>AR 1972 3rd 0</td><td>4th O</td><td>J</td><td>1¹</td><td>10 74</td></th<>					2	ED B VED	R. E.		16 70 FY-2			SCAL YF 2nd O	AR 1972 3rd 0	4th O	J	1 ¹	10 74
CUTPUT C Percent of total drivers tested Image: State laws State laws <t< td=""><td>64.</td><td>EFFEC</td><td>TIVENESS</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	64.	EFFEC	TIVENESS														
Worlding V Total number of drivers tested and licensed N	;		ſ			drive	ested										
HSRP. 8. STD. 9. TASKS 6 MILESTONES 10. TASKS 6 MILESTONES DMT 305 2. ORITIML LICENSE TESTING AND LICENSE AND	çŋ.	D'TTUO	11. 			driv	ers tested and licensed	I									
DHV 305 2. ORGUMAL LICENSE FENTING AND LICENSE ISSUE FROMAM 200 205 53 53 53 23 231 2 1. 3. Presonnel - State Lavel (000) 200 205 5		UESP.			-	STON	ES	***								†	
A. Original litenses Issued(00)2002055353532122212B. Personnel - State Iaval1. Supervisors555555551. Supervisors2. License Ranhers27272727272727272. License Ranhers27272727272727273. Clarks3. Clarks292929292929293. Clarks3. Clarks2000255269073073073293318DESCRIPTIONThe program designed to that hally test vision of a license difference11. COST BY TASK $\chi(000)$ 255269073073073293318The program designed to test and that is under to allow the citizent to inprove that of a licensed difference12. TOTAL COST255269073073073293318The program designed to test and that is under to allow the citizent so inprove that is their valid license expire.12. TOTAL COST13. TOTAL COST13. TOTAL COST13. TOTAL COST13. TOTAL COSTThe program designed to test and there valid license expire.13. TOTAL COST13. TOTAL COST13. TOTAL COST13. TOTAL COSTThe program designed to test and that valid license expire.13. TOTAL COST13. TOTAL COST14. TOTAL COST14. TOTAL COSTThe program designed to test and that valid licens	2	Ð	305	~~~~~		SE TE	STING AND LICENSE IS	SSUE PROGRAM									
B.Personnel - State Lavel555555551.Supervisors2.License Examiners272727272727272.License Examiners2.21272727272727273.Clerks3.Clerks29292929292929DESCULITIONDESCULITIONThe program designed to initially test and License citizens temporarily in order traitism to improve this driving law teres11.COST BY TASK\$(000)255269073073073293318The program designed to initially test 						icens	benssI se	(000)	500	206	53	53	£	53	212	221	230
1. Supervisors 5						- Sta	te Level										
2. License & Aminers 21 27						isors			ъ	ъ	ъ	у	м	у	м	v	у
3. Clerks 3. Clerks 29 318 The program designed to initially test and license citizent temporarily in moder to allow the citizent temporarily in the of a license driver. 11. COST BY TASK \$(000) 255 269 073 073 073 293 318 The program designed to test and license those citizens who have never there license driver. 12. TOTAL COST 255 269 073 073 073 293 318 The program designed to test and license those citizens who have never there license of license expire. 12. TOTAL COST 107 073 073 073 073 293 318 The program designed to test and license those citizens who have never there littles expire. 12. TOTAL COST 12. TOTAL COST 12. TOTAL COST 13. COST IN TES 14. COST						e Exa	miners		27	27	27	27	27	27	27	27	27
DESCRIFTON 11. COST BY TASK \$(000) 255 269 073 073 293 318 The program designed to initially test and license citizens temporarily in order to allow the citizen to improve his driving labits under the super- vision of a licensed driver. 11. COST BY TASK \$(000) 255 269 073 073 293 318 The program designed to initially test his driving labits under the super- vision of a license driver. 255 269 073 073 293 318 The program designed to test and license those citizens who have never have left their valid license expire. 12. TOTAL COST LOCAL SHARE 269 073 073 073 293 318 The program designed to test and license those citizens who have never have left their valid license expire. 12. TOTAL COST LOCAL SHARE 269 073 073 293 318									29	29	29	29	29	29	29	29	29
DESCMITTION The program designed to initially test and license citizens temporarily in ord allow the citizens temporarily in widen to allow the citizens to improve histor of a license driver. The program designed to test and I LOCAL SHARE been license expire. To LOCAL SHARE FEDERAL SHARE TO LOCAL THES TO LOCAL ITES												98999934 1999				· · · · · · · · · · · · · · · · · · ·	
The program designed to initially testThe program designed to initially test255269073073073293318and license citizens temporarily in order to allow the citizen to improve his driving habits under the super- vision of a licensed driver.255269073073073293318The driving habits under the super- vision of a licensed driver.The program designed to test and license those citizens who have never have let their valid license expire.12. TOTAL COST LOCAL SHARETOTAL COST STATE SHARE13. TOTAL COST FEDERAL SHARE13. TOTAL COST FEDERAL SHARE13. TOTAL COST FEDERAL SHARE		DESCIU	PTION	ł		II.	COST	\$(000)						1			
The program designed to test and license those citizens who have never been licensed in Virginia before or have let their valid license expire.	-	The pro and lic order t his dri vision	ogram design cense citize co allow the ving habits of a licens	ned t ens t e cit s und sed d	o initially test emporarily in izen to improve ar the super- river.				255	269	670	073	073	073	293	318	346
21 		The pro	gram design	ned t	o test and												
		License been li have le	those city censed in (t their val	Virgi Lid l	wno nave never nia before or icense expire.	12.	TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES										

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HIGHWAY SAFETY PROGRAM ANNIAL SHRFLEMENT DI AN	STY PROGR	AM 1. STATE AN	VIRGINIA	2. TITLE		DRIVER TESTING LICENSING	G AND	3.	NO. 46-72-05-03	2-05-03	4.	DATE 2	2/9/71
		5.	DRAFTED BY R. E. Spring APPROVED BY John T. Hanna		19 70 FY-2	1971 FY-1	1st Q	SCAL YI	FISCAL YEAR 19 72 2nd Q 3rd Q	2 4th Q	TOTAL	19 <u>73</u> FY+1	1974 FY+2
6a. EFFECTIVENESS	VENESS											†	
6b. OUTPUT		C Percent of total drivers tested V Total number of drivers licens	drivers tested drivers licensed										
7. RESP. 8	8. STD.	9. TASKS & MILESTONES	STONES										
DMU	305	3. RENEMAL LICENSE TESTING AND	TESTING AND LICENSING PROGRAM										
:		A. Renewal Lic	Renewal Licenses Issued	(000)	736	759	200	200	200	200	800	822	848
		B. Personnel -	Personnel - State Level										
		1. Supervisor	sor		11	11	11	Ħ	11	11	11	1	11
		2. License	License Examiners		103	103	103	103	103	103	103	103	103
		3. Clerks			70	20	02	20	20	70	02	02	02
10. DESCRIPTION	ION		11. COST BY TASK \$(000)										
 The program desi license those ci a valid license. 	The program designed to test and license those citizens who are r a valid license.	The program designed to test and license those citizens who are renewing a valid license.			766	808	220	220	220	220	880	955	1 038
This progra of those ren remove thos	am will enab) lewing their se drivers w	This program will enable us to screen all of those renewing their drivers license and remove those drivers who no longer moseses										F	
the physical driving.	l and mental	the physical and mental requirement for driving.	12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES		· · · · · · · · · · · · · · · · · · ·								

HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN	Y PROGR	AM AN	1. STATE VIRGINIA	2. TITLE		DRIVER TESTING AND LICENSING	NG AND	3. NC	NO. 46-72-05-04	-05-04	4	DATE 2/9/71	11/6/
			5. DRAFTED BY R. F. Spring APPROVED BY John T. Hanna		19 70 FY-2	1971 FY-1	FISC 1st Q	FISCAL YEAR 19 72 2nd Q 3rd Q	CAR 19 72 3rd Q 4	4th Q	TOTAL.	19_Z3	$19\overline{74}$ FY + 2
6a. EFFECTIVENESS	ENESS						.			<u> </u>		•	
6b. OUTPUT	,	C Per V Tot	Percent of total drivers tested Total number of drivers licensed										
7. RESP. 8.	STD.	9. TA	TASKS & MILESTONES										
DMV	305	4. RES	RESTRICTED LICENSE TESTING AND LICENSING PROGRAM	PROGRAM									
		A. B.	Restricted Licenses Issued Personnel - State Level	(000)	2	7.5	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	8	΄ σ	IO
			1. Supervisors							-	-	-	-
			2. License Examiners	<u> </u>	N	0	5	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		5	5	5	5
	<u> </u>		3. Clerks		9	v 9	9	 9	6	6	6	9	9
								·					
10. DESCRIPTION	N Settemod +	+22+	11. COST BY TASK (000)	(0	23	T <u>r</u>	6	6	6	6	Э Э	ot	64
Income those citizens who are qualified to drive but only after special restrictions are complied with.	citizens only afte are compl	s who a sr speci ied wit	ure qualified Lal .h.			- 						<u> </u>	
			12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES										
													1

HIGHWAY SAI	HIGHWAY SAFETY PROGRAM	AM 1. STATE		VIRGINIA	2. TITLE		DRIVER TESTING AND LICENSING	NG AND	3.	NO. 46-72-05-05	2-05-05	4	DATE 2/9/71	2/9/71
		5.	DRAFTED BY APPROVED BY	R. E. Spring John T. Hanna		$\frac{19}{FY-2}$	$\frac{19}{FY-1}$	FIS 1st Q	SCAL YE 2nd Q	FISCAL YEAR 19 72 2nd Q 3rd Q	4th Q	TOTAL	19^{73} FY+1	1974 FY+2
6a. EFFECI	EFFECTIVENESS								 					
		c												
6b. OUTPUT		۷												
7. RESP.	8. STD.	9. TASKS & MI	TASKS & MILESTONES			-								
DMV	305	5. DRIVERS'RET	ESTING AND	DRIVERS' RETESTING AND LICENSING PROGRAM					· · · · · ·					
		A. License	Licenses Re-issued	(000)		76	80	51	21	21	21	84	88	92
		B. Personnel	el - State Level	! Level										
		1. Sup	Supervisor			у	м	м	м	ъ	м	ъ	Ъ	м
		2. Lic	License Examiners	ers		10	10	10	10	10	10	10	10	10
		3. Clerks	rks			20	20	20	20	20	20	20	20	20
10. DESCRIPTION	TION		11.	COST BY TASK \$(000)		150	168	0 i c		V.IC	y io	183	100	216
5. The progrand licer operating from a re	The program designed to reexamine and license citizens after their operating privilege has been resto from a revocation or suspension.	The program designed to reexamine and license citizens after their operating privilege has been restored from a revocation or suspension.	 IJ			}	······································	}		2) }			2
			12. 1 S S F F	TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES							· · · · · · · · · · · · · · · · · · ·			

Is APPRAVED IN Join T, Bana, $12/2$ $19/1$ If FSCAL VARIABJ22 Intersection of the second state of the	HIGHWAY SAI ANNUAL SUB	HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN	1. S	GINLA 2.	TITLE L	DRIVER TESTING AND LICENSING	ING AND	°.	NO. 46-72-05-06	2-05-06	4.	DATE 2/9/71	17/9/
L EFFECTIVENESS 0. OUTPUT C <thc< th=""> C C</thc<>			5. DRAFT APPRO	ED BY R. E. Spring WED BY John T. Hanna	19 <u>7</u> 0 FY-2	19 <u>7</u> 1 FY-1	FI 1st Q	SCAL YI 2nd Q	EAR 19 72 3rd Q	2 4th Q	TOTAL	$\frac{19}{FY+1}$	$19\overline{74}$ FY +2
N. OUTPUT C N. OUTPUT V		TIVENESS						ľ					
RSP. 8. STD. 9. TASISE A MILESTONES 10 11 305 6. FINANCIAL RESPONSIBILITY MONTOCIAD PRODAM DW 305 6. FINANCIAL RESPONSIBILITY MONTOCIAD PRODAM 10 11 3 3 3 12 13 P A. Number of Supersion Orders Issued for Responsibility Mamber of Supersion Orders Issued for Responsibility 10 11 3 3 3 3 12 13 B. Personnel - State Level 1. Supervisors 10			C C										
DW 305 6. FIGMONCIAL RESPONSIBILITY MONTTORUR PROBAM10113331213A. Mumber of Suggenetic Orders Tasked for Regime to File or Maintain Proof of Financial10113331213B. Personnel - State LawalB. Personnel - State Lawal1010101010101010B. Personnel - State Lawal1. Supervisors1515151515151515B. Personnel - State Lawal1. Supervisors1010101010101010B. Personnel - State Lawal1. Supervisors15151515151515B. Personnel - State Lawal1. Supervisors10101010101010J. Braukors1. COST BY TASK ξ_{1000} 15151515151515Mats program monttore those persons who11. COST BY TASK ξ_{1000} 153131131131131255571Mat tores requirements11. COST BY TASK ξ_{1000} 153131131131131255571Mat tores requirements11. COST BY TASK ξ_{1000} 153131131131131131131131131Mat tores requirements11. COST BY TASK ξ_{1000} 153151131131131131131131131Mat tores requirements12. COST BY TASK ξ_{1000} 153 <td></td> <td>STD.</td> <td></td> <td>STONES</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td></td>		STD.		STONES						-			
A. Number of Superstand for Failure to Superstand for Failure to Pile or Maintain Proof of Fainnotal Responsibility 10 11 3 3 3 12 13 B. Personal-State Level 1. Supervisors 10 <t< td=""><td>IMU</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	IMU												
B. Personnel - State LevalB. Personnel - State Leval10101010101010101. Supervisors1. Supervisors1. Supervisors15151515151515152. Flaid Inspectors2. Flaid Inspectors15151515151515153. Evaluators3. Evaluators60606060606060606060Mis program monitors those persons who11. COST BY TASK $\$(00)$ 15113113113113113125571Mis program monitors those persons who11. COST BY TASK $\$(00)$ 153163131131131131525571Mis torput which their operating privilege11. COST BY TASK $\$(00)$ 15316313113113113125571Mis torput which these requirements11. COST BY TASK $\$(00)$ 15316313113113113125571Mis torput which these requirements11. COST BY TASK $\$(00)$ 15313113113113125571Mis torput which these requirements11. COST BY TASK $\$(00)$ 15313113113113113125571Mis torput which these requirements11. COST BY BASK1001010101010101010Mis torput which these requirements11. COST BY BASK131131131131<				Suspension Orders Issued for File or Maintain Proof of Financia lity (000)	··		m	m	ش	m	12	13	14
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$				- State Level									
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$				isors	10	10	10	10	10	10	10	10	10
3. Braluators 10				Inspectors	1 7	1 7	1 7	15	15	15	15	15	15
DESCRIPTION 11. COST BY TASK \$(000) 153 183 131 131 131 525 571 This program monitors those persons who must comply within insurance requirements and suppends their insurance requirements and suppends their operating perivilege when these requirements are not met. 163 163 131 131 131 525 571 Inte comply within insurance requirements and suppends their insurance requirements and suppends their insurance requirements are not met. 131 131 131 131 525 571 Inte these requirements are not met. 131 131 131 131 131 525 571 Interference 131 131 131 131 131 525 571 Interference 131 131 131 131 131 525 571 Interference 131 131 131 131 131 131 525 571 Interference 131 131 131 131 131 131 131 55 571 Interference 132 133 131 131 131 131 55 57				tors	10 60	10	10 60	6 0	10 60	10 60	10	6 0 1	10 60
This program monitors those persons who must comply with insurance requirements and suspends their operating privilege when these requirements are not met. 12. TOTAL COST LOCAL SHARE STATE SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES TO LOCALITIES	1	TION		COST BY TASK					-	-			
		ram monitors t ly with insura nds their oper > requirements	those persons who ance requirements ating privilege s are not met.		1453	4,83	151	131	131	151	525	125	623

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6.76	74	' • •			232	536	12		5 5 5 X	933	
D. 2/9/71	19 23				211	488	65		22228	857	
·t-	TOTAL				192	1717	60		5558 9928	787	
46-72-05-07	2 4th C				48	111	· 7		9772 2722 272	197	-
NO. 46-	FISCAL YEAR 19 72 2nd Q 3rd Q				48	111	15		9 2 7 5 S	197	
	ECAL Y				718	1	15		9722	197	
G AND	F Ist Q				448	111	15		95 95 95 95 95 95 95 95 95 95 95 95 95 9	197	
DRIVER TESTING AND LICENSING	19 Z1 FY-1				174	403	77		2 2 2 2 2	726	
TITLE DRIVE	1^{9}_{12}				153	366	li9		<u>с 0</u> 0 0 Л Л Л	ç, 81	
1. STATE VIRGINIA 2. TI	5. DRAFTED BY R. E. Spring APPROVED BY John T. Hanna		Percent of total drivers tested Total number of drivers licensed	TASKS & MILESTONES CRASH REPORTING PROCRAM	A. Number of Crash Cases Handled (000)	. Number of Crash Reports Processed (000)	. Number of Citizens Suspended due to Failure to File Insurance (000)	. Personnel - State Level	1. Supervirors 2. Field Inspectors 3. Evaluaiors 4. Clerks	rash tizens who ance re- nf earing tizens	12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES
DLAN			C Per V Tot	9. T 7.	A.	B.	ບັ	, D		sses all c s those ci with insur ds operati notices f commends h view of ci	
HIGHWAY SAFETY PROGRAM		EFFECTIVENESS	υr	8. STD. 305						DFSC RiPTION This program processes all crash reports, identifies those citizens who have not complied with insurance re- quirements, suspends operating privileges, issues notices for re- examination and recommends hearing action based on review of citizens	driving record.
HOHWAY S		aa, EFFE	eb. GUTPUT	7. RESP. DMV						 DESCR) This pireports There is a post of the privile examine examine action 	drivin

2. TITLE DRIVER TESTING AND 3. NO. 46-72-05-08 4. DATE 2/9/71	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$				(000) ל21 ל10 11 11 11 TLL 841 OTH (1000) 112 OTH (1000)	(000) 27 28 7.5 7.5 7.5 30 32 34		12 <	┥───		
1. STATE VIRGINIA	5. DRAFTED BY R. E. Spring APPROVED BY John T. Hanna		Percent of total drivers tested Total number of drivers licensed	9. TASKS & MILESTONES 8. CONVICTION PROCESSING PROGRAM	A. Number of Convictions Processed	B. Number of Revocation Orders Issued	C. Personnel - State Level	 Supervisors Field Inspectors Evaluators Clerks 	11. COST BY TASK	itizens with ns and revokes ues notices commends hearing citizen's	12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE
HIGHWAY SAFETY PROGRAM ANNIAT SURFIEMENT DI AN		6a. EFFECTIVENESS	6b. OUTPUT C	7. RESS P. 8. STD. 9. DMV 305 8. 8. 8. 8. 8. 9.					10. DESCRIPTION	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.	

ER TESTING AND CENSING CENSING	19 1971 FISCAL YEAR 1972 19 73 1974 FY-2 FY-1 1st Q 2nd Q 3rd Q 4th Q TOTAL $FY + 1$ $FY + 2$	FY-1 1st Q 2nd Q 3rd Q 4th Q TOTAL FY+1	191FECAL TEAK $19/2$ $19/2$ FY-11st Q2nd Q3rd Q4th QTOTAL	1971 FISCAL YEAR 1972 19 13 13 73 FY-1 1st Q 2nd Q 3rd Q 4th Q TOTAL FY+1
NTA	E. Spring John T. Hanna	John T. Hanna	b. opr.ug John T. Hanna	E. Spring John T. Hanna
VIRGINIA	DRAFTED BY R. E. APPROVED BY Johr	VED BY	VED BY	CED BY R. DVED BY
1. STATE	5. DRAFT APPRO			
DLAN				
HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN				
AY SAFI				
23		1		

HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN	RAM 'LAN	1. STATE VIRGINIA 2.	TITLE Driv Lice	Driver Testing and Licensing	g and	3. NO. 4	NO. 46-72-05-10	4	DATE 2/9/71	2/9/71
		5. DRAFTED BY R. E. Spring APPROVED BY John T. Hanna	1970 FY-2	$19\frac{71}{FY-1}$	FIS 1st Q	FISCAL YEAR 1972	972 0 4th O	TOTAT	19 73 EV.1	19 74
6a. EFFECTIVENESS					,	-	\vdash	TVIOI	T+T 3	r 1 + 2
6b. OUTPUT	C Perc V Total	C Percent of total drivers tested V Total number of drivers licensed								
7. RESP. 8. STD.	9. TA	TASKS & MILESTONES			<u> </u>					
DMV 305	10, B. A. C. C.	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	0°0 1°710		4.T. H.H.®	4.1. 1.1.8 4.1. 1.1.8	<u>.</u> . чню	3 1 1 . ¹ 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	811 °. 911 °.	4°. 4,0.
10. DESCRIPTION This program is responsib for investigating and monitoring those persons who must periodically file statements from doctors attesting to their health or have their operating privileges suspended.	program ring those nents fron lave their	This program is responsible ¹¹ COST BY TASK \$(000) nonitoring those persons who statements from doctors h or have their operating	32	34	<u>.</u>	ອ ອ	6.	37	40	43
		12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES								

2. TITLE DRIVER TESTING AND LICENSING 3. NO. 46-72-05-11 4. DATE 2/9/71	19 - 70 $19 - 71$ FISCAL YEAR $19 - 72$ $19 - 71$ <th></th> <th></th> <th></th> <th></th> <th>Devel. 3 4 4 4 4 1 12 15 17.5</th> <th></th> <th></th> <th></th> <th></th> <th>32 34 9 9 9 37 40 43</th> <th></th>					Devel. 3 4 4 4 4 1 12 15 17.5					32 34 9 9 9 37 40 43	
I STATE VIRGINIA	5. DRAFTED BY R. E. Spring APPROVED BY John T. Hanna		Total number of drivers licensed	TASKS & MILESTONES	11. PARTICIPATIVE DRIVER TRAINING PROGRAM	A. Number of Warning Letters Sent (Estimate) (000)	B. Personnel - State Level	1. Supervisor	2. Clerks	11. COST BY TASK	lble for ng those bheir operating uspended if ttioms are	12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE
HIGHWAY SAFETY PROGRAM	ANNUAL SUBSLEMENT FLAT	6a. EFFECTIVENESS		7. RESP. 8. STD. 9.	ZMV 305 11					10. DESCRIPTION	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.	

5. DI 6.1. EFECTIVENESS 6.2. CUTPUT 6.5. OUTPUT 7. RESP. 8. STD. 9. TASKS & I DMV 305 12. DRIVER H Aumbe Furni Acout C. Percent of 6.5. OUTPUT 7. RESP. 8. STD. 9. TASKS & I 7. Numbe 6. Numbe 7. Numbe 6. Numbe 7. Perso 6. Perso		TITLE DRI	DRIVER TESTING AND LICENSING	NG AND	<u></u>	NO. 46-1	NO. 46-72-05-12		DATE: 2/9/71	11/6,
EFECTIVENESS OUTPUT C Perce RESP. 8. STD. 9. TASK DMV 305 12. DRIV A.	DRAFTED BY R. E. Spring APPROVED BY John T. Hanna	1970 FY-2	1971 FY-1	Ist O	ISCAL YI	FISCAL YEAR 19 72 2nd 0 3rd 0	<u>12</u> 11h O	TOTAL	19 73	1.1 74
OIJTPUT C Perce RESP. 8. STD. 9. TASK RESP. 305 12. DRIV A.						•	7		Ē	,
RESP. 8. STD. 9. TASK DMV 305 12. DRUV A. B.	Percent of total drivers tested Total number of drivers licensed									
305 12. DRIV A. B. C.	TASKS & MILESTONES									
	DRIVER HISTORY INFORMATION PROGRAM	••••••••••••••••••••••••••••••••••••••							<u>.</u>	
	Number of Driving Record Transcripts Furnished to State and Local law Enforcement Agencies (000)	t 349	366	96	96	8	8	384	tot	गटग
	Number of Driving Record Transcripts Furnished to Insurance Companies and other Commercial Accounts (000)	hed 686	720	189	189	189	189	756	794	834
	Personnel - State Level									
	Supervisors	9	9	9	9	9	9	9	9	6
2.0	Clerks	35	35	35	35	Ж,	35	35	35	35
10. DESCRIPTION	11. COST BY TASK \$(000)									
12. This program provides copies of driving records to law enforcement officials and certain commercial users.	nt	159	168	917	9	h6	9 1	183	199	216
	12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES									

IIGHWAY SAFETY PROGRAM ANVIIAL SHRELEMENT PLAN	DIAN	1. STATE	-	VIRGINIA	2. TITLE		DRIVER TESTING AND LICENSING	VG AND	<u>.</u>	NO, 46-72-05-13	'2-05-13		DA E C	2/9/71
		5. DRAFTED BY APPROVED BY	ED B	Y R. B. Spring BY John T. Hanna	<u> </u>	15_70 FY-2	19_71 FY-1	Fi 1st Q	SCAL YF 2nd Q	FISCAL YEAR 19 <u>7</u> 2 2nd Q 3rd Q	2 4th O	TOTAL.	19 23	10 July 10
6.4. EFFECTIVENESS								·	ĺ	, 	ĺ		•	• • •
6b. OUTPUT	U S	Percent of total drivers tested Total number of drivers licenced	l drive	ers tested ore linancod							<u> </u>			
7. RESP. 8. STD.	ъ ———	TASKS & MILESTONES	STON	33										
IMU 305	13.	HABITUAL OFFENDER PROGRAM	NDER	PROGRAM					<u></u>					
		A. Number of possible	, citi Habit	Number of citizens certified to courts as possible Habitual Offenders (000)	as 00)	1.2	1.3	4	т.	4.	.	1.6	1.8	1.9
<u></u>		B. Number of Offenders	by c	Number of citizens adjudged to be Habitual Offenders by courts (000)	ual (00	9.	.7	5	2.	.2	~	8	6.	1.0
		C. Personnel -		State Level										
		1. Superviscr	viscr				-			-	-		-	
	<u> </u>	2. Clerks	τρ			ĩ	Ъ	w	<u>س</u>	<u>ν</u>	ъ	м	ĩ	м
10. DESCRIPTION	_		н.	COST BY TASK \$(000)	(0)			+		-				
13. This program identifies those citizens whose driving records contain repeated violations and furmishes certified copies of their records to appropriate officials for prosecution as habitual offenders.	tifies thc ords conta mishes ce cords to ecution a	se citizens in repeated rrtified appropriate s habitual				ž	Ъ.	0	δ.	δ.	6	37	07	4.3
			12	TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES										

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HIGHWAY S	HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN	AM 1. STATE	VIRGINIA 2.	TITLE DR	DRIVER TESTING AND LICENSING	NG AND		NO. 46-72-05-14	5-14 4.		DATE 2/9/71
		5. DRAFTED BY APPROVED B	DRAFTED BY R. E. Spring APPROVED BY John T. Hanna	19 <u>70</u> FY-2	1971 FY-1	FI 1st Q	FEXCAL YEAR 19 72 2 2nd Q 3rd Q		4th O TOTAL	1973	19 74
6a. EFFE	EFFECTIVENESS							-	-		-
6b. OUTPUT	UT	C Percent of total drivers tested V Total number of drivers licensed	lrivers tested drivers licensed	 							
7. RESP.	8. STD.	9. TASKS & MILESTONES	STONES								
DMU	305	14. OVERALL PROGR	OVERALL PROGRAM ADMINISTRATION AND MANAGEMENT							- -	
		A. Personnel	- State Level								<u>.</u>
		1. Admin 2. Depart 3. Region 4. Assist 5. Assist 6. Staff 7. Secrei	Administrators Department Managers Regional Managers Assistant Department Managers Assistant Regional Managers Staff Assistants Secretaries	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	しっちょう	のようらうのて	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	۵ <i>⊐</i> ₩₩₩₩₩₩	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	<u> </u>
											
10. DESCR 14. The pe overal of all	DESCRIPTION The personnel outlined in this subelement are responsible for overall administration and manue of all programs and projects.	ESCINITION The personnel outlined in this subelement are responsible for the overall administration and management of all programs and projects.	11. COST BY TASK \$(000)	8	101	28	58	28	28 110	119	130
			12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES								

	HIGHWAY SAFETY PROGRAM ANNIAL SUBELEMENT PLAN		6a. EFFECTIVENESS		6b. OUTPUT V Tot	7. RESP. 8. STD. 9. TA	DMV 305 15.		10. DESCRIPTION	This subelement concerns electronic data processing of driver testing and licensing transactions.	
	1. STATE	5. DRAFTED BY R. E. Spring APPROVED BY John T. Hanna		Percent of total drivers tested	V Total number of drivers licensed	TASKS & MILESTONES	15. Electronic Data Processing		11. COST BY TASK \$(0	ic data ensing	12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES
	2. TITLE					· · ·			\$(000)	2	
		19 <u>70</u> 1 FY-2								2254 3	
	Driver Testing and Licensing	1971 FY-1								3000	
	g and	FISC 1st Q 2								847 8	
	3. NO	FISCAL YEAR 19 72 2nd Q 3rd Q 4								847 8	
	NO. 46-72-05-15	EAR 19 72 3rd Q 4th Q	┣━━							847 847	
		Q TOTAL								7 3386	
	4. DATE	VL FY+1	+					·····		3892	
4	DATE 2/9/71	$\frac{19}{\mathrm{FY}_{+2}}$	 —							4574	

2/9/71	10 174	· · ·					 10		15
ta Vil	19 73			-			 10		
	TOTAL					41	 62		
46-72-05-16	2 4th O	7					 16		
NO. 46-	FISCAL YEAR 19 72 2nd O 3rd O	7					 16		
~~`	ISCAL VI 2nd O	ľ					16		
VG AND	Ist Q				Devel		16		
DRIVER TESTING AND LICENSING	19 <u>71</u> FY-1								
	19_ <u>70</u> FY-2								
2. TITLE							 6		
VIRGINIA	BY R. E. Spring) BY John T. Hanna		ers tested ers licensed	NES	STATIONS PROJECT		. COST BY TASK \$(000)	TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES	
1. STATE V	5. DRAFTED BY R. E. APPROVED BY John		Percent of total drivers tested Total number of drivers licensed	TASKS & MILESTONES	MOBILE EXAMINING STATIONS (Pilot Project)		ESCRITYION 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. 12.	
DLAN			с <mark>х</mark>	б .	16.		 L detern L detern L sof the eling ev	Le exami lot open ity and	
FETY PRC		EFFECTIVENESS	£	8. STD.	305		ESCRITYION This project will determine the feasibility of using mobile examin stations in areas of the state serviced by traveling examiners; if feasibility is established, to	acquire two mobile examining s and conduct a pilot operation verify practicality and public acceptance.	
HIGHWAY SAFETY PROGRAM ANNIAL SUBELEMENT PLAN		sa. EFFEC	65. OUTPUT	7. RESP.	AMCI		1 10. DESCRIVION 16. This project feasibility stations in serviced by if feasibili	acquire two and conduct verify prac acceptance.	

HIGHWAY SAFETY PROGRAM ANNIAL SHRELEMENT PLAN	M 1. STATE	VIRGINIA	2. TITLE ¹	TITLE DRIVER TESTING AND LLCENSING	STING AN	<u></u>		NU. 46-72-05-17	7 1 4.	DA 2/9/71	177e/
	ເດ່	DRAFTED BY R. E. Spring APPROVED BY John T. Hanna	19 70 FY-2	12 70 19 71 FY-2 FY-1		FISCAL Y 1st Q 2nd Q	FISCAL YEAR 1972 2nd Q 3rd Q	22 4th Q	TOTAL	19 Z3	10_74
6a. EFFECTIVENESS											
	. D										
6b. OUTPUT	٧										
7. RESP. 8. STD.	9. TASKS & MILESTONES	STONES .									
305 TMU	17. VISUAL DISPLAT (Pilot Project)	VISUAL DISPLAT DRIVER TESTING PROJECT (Pilot Project)			DEVEL	II			199 <u>0-1999</u> -1997-1997-1998-1998-1998-1998-1998-1998		
							-		-		
				19 19 19 18 18 19 19 19 19 19 19 19 19 19 19 19 19 19		al ga hadro - apada					
10. DESCHIPTION		11. COST BY TASK \$(000)									
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	wdy the visual display es in place of in all or tations; and if lished, to ay driver testing					16	16 16	9 .	<u>5</u>	10	0
devices, and conduct a pilot operation	a pilot operation	12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES									

1. STATE VIRGINIA 2. TITLE DRIVER TESTING AND 3. NO. 46-72-05-18 4. DATT 2/9/71	5. DRAFTED BY R. E. Spring APPROVED BY John T. Hanna $FY-2$ $FY-1$ 1st Q 2nd Q 3 rd Q 4th Q TOTAL $VX-1$ $VY-1$ $VY-1$ $VY-1$		rcent of total drivers tested al number of drivers licensed	SKS & MILESTONES	LCOHOL COUNTERMEASURES PROJECT Devel	11. COST BY TASK \$(000) 245 32 32 32 129 194 128 ant of-the-art lize the g while g wile 245 32 32 32 129 194 128	12. TOTAL COST LOCAL SHARE STATE SHARE
1. STATE	5. DRAFTED BY R. E. APPROVED BY John		C Percent of total drivers tested V Total number of drivers licensed). TASKS & MILESTONES	18. ALCOHOL COUNTERMEASURES PROJECT	t. COST	
HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN		6a. EFFECTIVENESS	6b. OUTPUT	7. RESP. 8. STD. 9.	DMV 305 11	 DESCRIPTION This project will provide driver rehabilitation and improvement utilizing the latest state-of-the-art educational methods to minimize the likelihood of persons driving while under the influence of alchol. 	

1518	
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HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN	M 1. STATE AN	VIRGINIA	2. TITLE ^D	DRIVER TES	DRIVER TESTING AND LICENSING	3. NO.	NO. 46-72-05-19	4.	DATE	2/9/71
	5.	DRAFTED BY R. E. Spring APPROVED BY John T. Hanna	1970 FY-2	1971 FY-1	FISC 1st Q 2	FISCAL YEAR 1972 2nd Q 3rd Q	1972 Q 4th Q	TOTAL	$\frac{1973}{FY+1}$	$19\frac{74}{FY+2}$
6a. EFFECTIVENESS										
	C Percent of total drivers tested	rivers tested								
6b. OUTPUT	V Total number of drivers licensed	lrivers licensed					<u></u>			
7. RESP. 8. STD.	9. TASKS & MILESTONES	STONES								
DMV 305	19. Driver Improv	Driver Improvement Project		Devel						
10. DESCRIPTION		11. COST BY TASK \$(000)			24	24 24	24	96	76	80
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.	nplement a Driver e phases for the be administered by 3.									
		12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES								

HIGHWAY SAFETY PROCRAM 1. STATE VIRGINIA 2. ANNUAL SUBFLEMENT PLAN 5. DRAFTED BY R. E. Spring 2. ANNUAL SUBFLEMENT PLAN 5. DRAFTED BY R. E. Spring 2. 6a. EFFECTIVENESS APPROVED BY J. T. Hanna 2. 6a. ENTP V Total number of drivers licensed 2. 7. RESP. 8. STD. 9. TASKS & MILESTONES 7. RESP. 9. TASKS & MILESTONES 10. 10. DBX 304 20. Driver Education Statistics Project 10. DESCRIPTION 11. COST BY TASK 10. DESCRIPTION 11. COST BY TASK Service of the Department of Education Service of the Department of Education	TITLE DRIVER TESTING AND 3. NO. 46-72-05-20 4. DATE 2/9/71	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$					Devel	∞	
WAY SAFETY PROGRAM IAL SUBELEMENT PLAN EFFECTIVENESS OUTPUT C V W MV 304 20 MV 304 20 MV STD, 9. 20 MV conternet of Education for the Department of Educe	STATE	DRAFTED BY R. APPROVED BY J.		Percent of total drivers tested	Total number of drivers licensed	TASKS & MILESTONES). Driver Education Statistics Project	data 11.	
	WAY SAFETY PROGRAM		EFFECTIVENESS	C	▶.	8. STD. 9.	304	DESCRIPTION roject is to provide certain rer education for the Driver e of the Department of Educ	

. TITLE DRIVER TESTING AND 3. NO. 46-72-05-21 4. DARE 2/9/71 LICENSING	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$					Devel			
1. STATE VIRTNIA 2.	5. DRAFTED BY R. E. Spring APPROVED BY		Percent of total drivers tested	Total number of drivers licensed	TASKS & MILESTONES	SINGLE DRIVER LICENSE PROJECT	11. COST BY TASK	plans, tive proposals, e driver's es of place rs and	tly in use. 12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE
HIGHWAY SAFETY PROGRAM		EFFICTIVENESS	C	6b. OUTPUT V Tot	RESP. 8. STD. 9. TA	DMV 305 21. S.	DESCRIPTION	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 present

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•	6		37																																	
-	æ		549																			-														
-	5		787																																	
	9		525												~-																					
TASKS	ιΩ		183																																	
	4		36																																	
			880																																	
	2		293																																	
			183						-																											
	TOTAL		7,615	352		 L G	352					• •••••	*****			_(*)						***														
SUBELEMENT SUPPLEMENT		Standard: 305	Total (\$000)	Federal	To Localities	Prev. Obligations	New Obligations	Standard:	Total	Federal	To Localities	Prev. Obligations	New Obligations	Standard:	Total	Federal	To Localities	Prev. Obligations	New Obligations	Standard:	Total	Federal	To Localities	Prev. Obligations	New Obligations	Total	Federal	To Localities	Prev. Obligations	Local Costs by Object	salarics	Per Diem and Travel	Contracts	Equipment	Supplies	Maintenance and Operanous
BELEM		D	I	S	Т	ч		I	В	n	H	Ι	0	z		F	ຊ;	*		s	T	V	Z	D		A	Я	0			Nal Nal	Pel	Col	il i	5	UN
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3. No. 46-72-05-244. DATE 2/9/71				 																														-
46-72-05-244.	<u>-</u>)								 																				-
3. No.	-	20		 										 																				
	_	10	96	 																									.					_
2. TITLE Driver Licensing		18	129	 										 															_					
iver Lio	-	17	65	 																														
LE Dr	_	16	62	 																														
2. TII	TASKS	15	3, 386	 																														
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INIA	-	នា	37	 										 							_													
VIRGINIA	_	12	183	 																														
ΓE		11	37																															-
1. STATE		TOTAL												 												ł								
HIGHWAY SAFETY PROGRAM	SUBELEMENT SUPPLEMENT		D Standard: 305 I Total (\$000) S Forleral		New Obligations	I Standard:	B Total	U Federal	T To Localities	I Prev. Obligations	0 New Obligations	N Standard:	Total	To Localities	Prev. Obligations	New Obligations	S Standard:	T Total	A Federal	N To Localities	D Prev. Obligations	New Obligations	Ē	<u>-</u>	D To Localities	Prev. Obligations	Local Costs by Object	Salarics	Per Diem and Travel	Contracts	Equipment	Supplies	Maintenance and Operations	
нісну	SUBE		13.											 	_												14.	_						

EFFECTIVENESS SUPPLEMENT TO THE SUBELEMENT

579.5 19_74 FY+2 550.9 FY+119 73 Total 517.5 4th Qt. Fiscal Year 72 3rd Qt. 2nd Qt. 1st Qt. 19 71 FY-1 492.9 469.4 FY-2 19 70 Date 2/9/71 The number of drivers required to take a reexamination before renewing their license. • Title and No. 46-72-05-25 6a. EFFECTIVENESS ι. °. 4. er. ം 6. IV-74

HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN	l			VIRGINIA	2. TIT	TITLE Cod	Codes and Laws	IWS		NO. 46-	NO. 46-72-06-01	4.	DATE	2/9/71
		5. DRAFTED BY APPROVED BY	ED BY VED B	Walter E. Douglas Y John T. Hanna		1970 FY-2	19 71 FY-1	FI 1st O	SCAL Y	FISCAL YEAR 19 72	2	I T LOH	1973	1974
6a. EFFECTIVENESS							16	VENESS	SUPPLE	MENT T	THE SI	DELEM	L+X-I	FY+2
6b. OUTPUT	C % of l	ocal jurisdic f local jurisc	tions u lictions	C % of local jurisdictions using Va.'s model traffic ordinances* V No. of local jurisdictions using Va.'s model traffic ordinances*	rdinance c ordina									
7. RESP. 8. STD. HSD 306		TASKS & MILESTONES Introduce legislation to ato compliance with the l	STONE lation t vith the	. TASKS & MILESTONES 1. Introduce legislation to bring Virginia's codes and laws into compliance with the Uniform Vehicle Code	nd laws	Intro.	Intro.		Intro.				Intro	Intro
	2. Co ord	Contract with the Michie Co ordinances for Va. counties	the Mic Va. co	2. Contract with the Michie Co. to publish model traffic ordinances for Va. counties and municipalities		Published							Update	Update
HSU 306	3. Con with	Contract to compare traffic law with the Uniform Vehicle Code.	mpare i m Vehi	traffic law provisions of Virginia icle Code.	irginia		Contractel							
						·								
10. DESCRIPTION The long term goal in Va. is to reduce the number of accidents, including fatalities, personal injuries and property dam- age due to a vast array of chaming and constitu-	long term go of accidents, ries and prop	al in Va. , including Perty dam-	11. 2 .	COST BY TASK (\$000) Publish and distribute to all political subdivisions copies	ull es									
ing traffic codes and laws throughout our state and other states. In Virginia we are presently	is throughout ginia we are	our state	н н	or Va.'s model traffic ordi- nances for counties and munici- nalities										
attempting to bring all our codes and laws into compliance with the Uniform Vehicle Code. In	ur codes and orm Vehicle	laws into	3° 1	Contract to compare Va.'s traffic ordinances with UVC		0.000	8.750						വ	9 0
order to accomplish this endeavor we have con- tracted with the Michie Co. to publish a Va.	endeavor we	e have con- h a Va.	12.	TOTAL COST (\$000) LOCAL SHARE		6. 960	63.75	27	17	21	19	84	59	68
UVC: Legislation is also being introduced in the special session of the General Assembly to	so being intro General As	oduced in sembly to		STATE SHARE FEDERAL SHARE			31,88 31,88	13.5 13 E	8°5	10.5	9.5	42	29.5	34
uteet uie standards set up in the UVC.	p in the UVC			TO LOCALITIES		3.480 3	31.88	13.5	8° 9	10.5	9.5 9.5	42 42	29.5 29.5	34

* This information will be available at a later date.

HIGHWAY SA ANNITAL SUB	HIGHWAY SAFETY PROGRAM ANNIAL SIIRELEMENT PLAN	LAN	1. STATE VIRGINIA	5	TITLE Co	Codes and Laws	Laws	ن. ن	NO. 46-	NO. 46-72-06-02	+	DATF2/10/71	10/71
			5. DRAFTED BY Walter E. Douglas APPROVED BY John T. Hanna	uglas (WLH) 1a	1670 FY-2	1971 FY-1	lst Q	FISCAL Y 2nd Q	FISCAL YEAR 1972 2nd Q 3rd Q	2 4th Q	TOTAL.	$\frac{19}{FY+1}$	1974 FY+2
6a. EFFEC	EFFECTIVENESS							 					
	F	U						 					
PD. UUIFUI		>											
7. RESP. HSD	8, STD. 306	9. T ₁	TASKS & MILESTONES Develop Public Information Program (Ed. TV, etc.)	ı (Ed. TV, etc.			Surve	Survey Analyze	e Devel.	Devel.		Imple.	Imple.
HSD	305	2.0	Continual updating of state traffic codes	des				Update				Update	Update
USH	306	. I	Publication and distribution of state code (no. of copies)	code (no. of co	pies)	5					ວ	ۍ	л С
ПЗН	306	7	Training policemen on state code provisions	ovisions			.2	. 2	.2	.2	8.	2.5	3.5
ПЗН	306	8. I	Issuance of inserts for updated state code provisions (no issued)	code provisio	su		5.5	2.5	2.5	2.5	10	8	73
HSD	306	о 	ogram to upg eaf fashion - s and countie	rade and keep in current the model traffic ordin- as	. t				upgrade			upgrade	upgrade upgrade
HSD	306	10. L	Develop and implement a program to establish new) establish new									
Traffic		0	codes and laws for the state				Survey		Analysis Devel.	Devel.		Imple.	Imple.
Records Committee	310	11. D	Develop Data System for evaluation of program	of program			Survey	Survey	Analysis Devel.	Devel.		Imple.	Imple.
10. DESCRII tribute copies	10. DESCRIPTION We plan to publish and dis- tribute copies of the state code to all policemen	n to pub de to al	lish and dis- 1. COST BY TASK 1 policemen 4. Develop Public Information Prog.	3K dcrmation Pro ₈			63	69	н	-	9		9
in the state. A training program is also being established in order to familiarize all policemen	A training program is also being n order to familiarize all noticeme	gram is liarize a	<u>د، ر</u>	Traffic Code		;				ę	e		
with the provisions of the code. New provisions	tions of the co	de. Ner		ri. State Code		30	6.25	6.25 5	6.25	6.25	25 20		ານ
passed by the General Assembly will be sent to al manual holders. A program to ungrade and keep	General Assen 3. A program	nbly wil	ຜ່ອ	tuoffic ondinon			2.5	2.5	2.5	5 .5	10		10
in loose leaf form all model traffic ordinance changes for cities and counties is being developed	ies and counti	traffic (code provision	ces IS		1. 25	1.25	1. 25 5	1.25	5 15	5 20	20 20
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	ta system will committee for the code and lav	be deve or a mor ws of Vi	e 12.	ĥ			-						
program is also being developed to encourage adoption of the model traffic ordinances by the	to being develo model traffic	ordinan											
cines and counties. The HSD has taken the respon- sibility in bringing Virginia into compliance with standard 306 promulgated by the NHSB.	curtes and counties. The HSD has take sibility in bringing Virginia into compli standard 306 promulgated by the NHSB	D has ta into com the NHS	n the respon- iance with	LIES									

3. No. 46-72-06-034. DATI-2/10/71														_																		
<u>. No. 46-72</u>		10		15	7.5		7.5								 <u> </u>	 			,													
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I Laws		8		01 '	<u>م</u>		5								 																	
odes and		7		50 ;		15		L								 														_		
2. TITLF Codes and Laws	-	9	L	25		12.5	12.5																									
2. TI	TASKS	5		ი -	r•0		1.5																									
	-	4		9 .	°		e																									
VIRGINIA	-	م				4.375									 																	
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TE		1																														
1. SŢATE		TOTAL	,0	84 49	42	7.9	42																								·	
HIGHWAY SAFETY PROGRAM	SUBELEMENT SUPPLEMENT		D Standard: 306		T To Localities	R Prev. Obligations	New Obligations	I Standard:	B Total	U Federal	T To Localities	I Prev. Obligations	N Standard:	Total	v To Localities	New Obligations	Stan	T Total	A Federal	N To Localities	D Prev. Obligations	Ē	ч	D To Localities	Prev. Obligations	Local Costs by Object	Salaries	Per Dicm and Travel	Contracts	Equipment	Supplies	Maintenance and Operations
HIGH	SUB		13.										 									 	-			14.						

EFFECTIVENESS SUPPLEMENT

TO THE SUBELEMENT

Title and No. 46-72-06-04	Date	19_70	16 71		F	Fiscal Year	72		1973	19 74
Codes and Laws	2/15/71	FY-2	FV-1	1st Gt.	2nd Qt.	3rd Qt.	4th Qt.	Total	FY+1	FY+2
6a. EFFECTIVENESS										
*Number of highway and traffic safety statutes where Virginia varies from the UVC	lety on the									
*Number of localities not in compliance with model traffic ordinances for counties 2. and for cities	liance counties									
cidents caused	by mi-of-				antalainin aite a na ann an Anna ann a					
5.										
* This information will be available upon completion of our new traffic records system 6.	le upon con	ipletion of	wan ruc	raffic reco	rds system					

	<u>सा</u> २		Γ					<u> </u>					[42	05 10		226.5	216.5
2/10/7	1974 FY+2										50			1.200	4	405	1620	-	
DATE 2/10/71	1973 FY+1										20			1.150	40	10	1792 1574	217.5	207.5
4	TOTAL.						report &	contract		100	50 6	9	9	1.100	38	390 25	1777 1477 E	299.5	279.5
NO. 46-72-07-01	2 4th Q	ľ						<u> </u>		25		-	Ę	40 275	9.5	87.5 6.25	466.75	86.13	66.13
NO. 46-7	FISCAL YEAR 19 72 2nd Q 3rd Q									25	¢	o		275	9.5	87.5 6.25	426.75 360.69	66.13	66.13
3.	ISCAL Y									25	¢	°		275	9.5	87.5 6.25	431.75 363 13	5	68.62
Courts	Ist Q						contract			25				275	9.5	87.5 6.25	451.75 373 13	78.62	78.62
Traffic Courts	19 <u>71</u> FY-1					study contract completed	1						48	1,053	36	340	1596.8 1596.8	48	
TITLE,	19 <u>70</u> FY-2					contract								1,002	35.2	338	1494.2		
1. STATE VIRGINIA 2.	5. DRAFTED BY Walter E. Douglas APPROVED BY John T. Hanna	SEE EFFECTIVENESS SUPPLEMENT TO THE SUBELEMENT	C Per cent of traffic violators convicted	Number of convictions for traffic violations	. TASKS & MILESTONES	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	2. Contract for a court procedure manual	3. Court operations - personnel	4. Supplies and Material Equipment	Literature Racks	Projectors Film		-term goal in re- 11. COST BY TASK (\$000) fatalities, per- 1. Study of traffic courts in Va. mage caused by 2. Contract of court proceeding manual		1 a 4.	uc courts in the Equipment ocal and statewide Literature Racks	istration of justice 12. TOTAL COST (\$000) ions by the Ameri- LOCAL SHARE	iterence of State STATE SHARE invictions for moving FEDERAL SHARE the state traffic TOTAL TITES	01
HIGHWAY SAFETY PROGRAM ANNIAL SUBELEMENT PLAN		6a. EFFECTIVENESS SEE I		6b. OUTPUT V	7. RESP. 8. STD. 9.	HSD 307	HSD	al	Local Political	Subdivisions			10. DESCRIPTION Our long-term goal in re- ducing the number of accidents, fatalities, per- sonal injuries, and property damage caused by	traffic law violators is to see that (1) each court	trying traffic cases cooperates with the state in a	Program to assure that an trainic contris in the state complement and support local and statewide	acted objectives, (<) each traine court meets national standards in the administration of justice as outlined in the recommendations by the Ameri-	can bar Association and the conference of State Supreme Courts, and (3) all convictions for moving violations shall be reported to the state traffic	records system.

HIGHWAY SA	HIGHWAY SAFETY PROGRAM	AM 1. STATE	VIRGINIA	2. TITLE		Traffic Courts		3.	NO.46-72-07-02	2-07-02	4.	DATE 2/10/71	/10/71
ANNUAL SUB	ANNUAL SUBELEMENT FLAN	AN 5. DRAFTED BY APPROVED BY	3D BY Walter E. Douglas /ED BY John T. Hanna		1970 FY-2	19 71 FY-1	F] Ist Q	SCAL YI 2nd Q	FISCAL YEAR 19 ⁷² 2nd Q 3rd Q	2 4th Q	TOTAL	$\frac{19}{\mathrm{FY}+1}$	$\frac{19}{\mathrm{FY}+2}$
6a. EFFEC	EFFECTIVENESS												
		c											
6b. OUTPUT	£	٧			-								
7. RESP.	8. STD.	9. TASKS & MILESTONES	TONES										
		4. Con't Indirect Costs											
		Other Contractual Services	Services										
HSD	307	 Training session workshop (1 day) No. of judges 	on worksho <mark>p for traffic court judges</mark> judges	ndges			125			· · · · · · · · · · · · · · · · · · ·	125	130	130
Am. Bar. Asso.	. 307	6. Train new traf	Train new traffic court judges					16			16	16	16
ПЗН	307	7. Establishment (legislation)	Establishment of regional traffic court systems (legislation)	Su				Intro.		Passed			
HSD	307	8. Regional highw	Regional highway safety judicial seminars								9	9	9
10. DESCRIPTION		We intend to conduct	11. COST BY TASK (\$000)	(
studies in areas	s of traffic cou	studies in areas of traffic court needs and make	4. Indirect Costs		100.2	100.8		25.75	25.75	25.75	103	104	106
recommendation	as to local juri	recommendations to local jurisdictions. These	Other Contractual Services	ces	18.8	19.0	5.25	5.25	5.25	5.25	21	23	24
review of the ju	stice of the pe	studies will include a court procedures manual, review of the justice of the peace system. etc. We	5. Training Session				25				25	25	25
also plan to equ	ip as many cou		. 9					ß			с,	ຄ	5
and to purchase lated needs. Tr	flags and liter raining session	and to purchase flags and literature racks and re- lated needs. Training session and regional work-	8. Regional seminars				2.5	2.5	2.5	2.5	10	10	10
shops for sitting	g judges as we	shops for sitting judges as well as new judges is	12. TOTAL COST						,				
being developed so as to reach conformity in	so as to reach	h conformity in	LOCAL SHARE										
traffic court dec	cisions through	traffic court decisions throughout the state. A	STATE SHARE			<u></u>							
highway safety 1	movie to be sh	highway safety movie to be shown before traific	FEDERAL SHARE										
court sessions :	and issuance	court sessions and issuance of driver license is	TO LOCALITIES			<u> </u>							
loeing developed.													

VIRGINIA 2. TITLE Traffic Courts 3. NO. 46-72-07-03 4. DATF.2/10/71	1970 1971 FISCAL YEAR 1972 1973 1973 1974 $FY-2$ $FY-1$ $1st$ Q $2nd$ Q $3rd$ Q $4th$ Q $TOTAL$ $FY+1$ $FY+2$				administrator 1 1 1 1 1 1 1 1 1 1	studies 1 1 1	r evaluation purposes of Survey Analysis Report Devel. Imple. Imple.	OST BY TASK (\$000) Traffic Court Administrator Additional studies 26 5 5 5 20 25 28 10 10	TATE SHARE
	ි ඊ				-1				
Inco out	1971 FY-1								
LE Traf	1970 FY-2								
2.	DRAFTED BY APPROVED BY			TASKS & MILESTONES	Hiring of a traffic court administrator	Additional traffic court studies	Develop Data System for evaluation purposes of Traffic Court Program.	11. C	TOTAL COST 12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE
	5.				9. Hiring	10. Additic	11. Develo	We anticipate the hiring of trator whose job will be to urt program around the o seek uniform court pro- i by working with the judges affic records committee	late our p
HIGHWAY SAFETY PROGRAM		EFFECTIVENESS	<u> </u>	8. STD. 9.	307 9	307	307 11	tr is construction	gram that will enable us to evaluate our program more effectively.
VAY SA.		EFFEC	THUT	RESP.	HSD	dSH	Traffic Records Committee	10. DESCRIPTION 10. DESCRIPTION t traffic courts admin coordinate the traffic tate. His job will be redures and courtrool ovard this end. The	gram that will en more effectively.

BE	SUBELEMENT SUPPLEMENT	T. SIAIE	E		VIRGINIA		z. THT FASKS	2. TITLE Traffic Courts FASKS	uffic C	ourts		3. No.46	3. No.46-72-07-04 4. DATE 2/10/7	CE 2/10/7
		TOTAL	1	2	er.	4	2	9	7	x	6	10		
13.	D Standard: 307							,						
		1,777		40	1,100	577	25	<u>ى</u>		10	20			
	S Federal	299.5		20			12.5	2.5		- LG	2			
	T To Localities	279.5	•	0	0	0		0	c		20			
	R Prev. Obligations		51.3	0	0	0	0	0	0	0	, o			
	New Obligations	299.5		82	0	249.5	12.5	2.5	0	LC,	10			
	Stan													
	B Total													
	U Federal													
	T To Localities													
	I Prev. Obligations													
	0 New Obligations								-					
	N Standard:		1			† .								
	Federal				_							_		
	Prev. Obligations				<u>`</u>									
	New Obligations				_									
	S Standard:													
	T Total		• • • • • • • •											
	A Federal								<u></u>					
	N To Localities						-							
	D Prev. Obligations													
	New Obligations		-			_								
	A Total													
	R Federal					·								
	D To Localities				;									
	Prev. Obligations													
ĺ	Local Costs by Object					 								
	Salarics													
	Per Diem and Travel													
	Contracts													
	Equipment													
	Supplies					_		-						
	Maintenance and Operations	S												
				•				•						

	Title and No. 46-72-07-05	Date	19 70	19 71		н	Fiscal Year	r 72		19 73	19_74
	Traffic Courts	2/10/71	FY-2	FY-1	1st Qt.	2nd Qt.	3rd Qt.	4th Qt.	Total	I+71	FY+2
6a.	EFFECTIVENESS										
	Number of accidents caused by those hav- ing had their license revoked *	ose hav-									
	Death among those having had the drivers license revoked *	drivers	,								
	Economic loss from accidents caused by those drivers having had their license revoked *	sed by									
	Number of repeat violations of previous convictions *	evious									
	* Information will be available upon com- pletion of new traffic records system now being developed by the Traffic Records Committee.	on com- em now cords									

EFFECTIVENESS SUPPLEMENT TO THE SUBELEMENT

153	1	T	T	T		1						[]
	DATE 2/10/71	19 74 FY+2						-			2	214.7	107.35 107.35
	DATE 2	19 73 FY+1	ENT								79	183.5	91.75 91.75
	4.	TOTAL	UBELEM							п	7	245.2	122.6 122.6 100.3
	NO. 46-72-08-01	72 4th Q	D THE S							H	• 2 •	61.3	30.7 30.6 25.1
	NO. 46-	FISCAL YEAR 19 72 2nd Q 3rd Q	EFFECTIVENESS SUPPLEMENT TO THE SUBELEMENT								2.	61.3	30.7 30.6 25.1
	3.	ISCAL Y 2nd Q	SUPPLE				Intro.	Intro.		1		61.3	30.7 30.6 25.1
	sân	Ist Q	VENESS							1	• ٤	61.3	30.7 30.6 25.1
	iol and D	1971 FY-1	EFFECT						Passed			30.5	20.5 10
	TITLE Alcohol and Drugs	19 <u>70</u> FY-2	SEE										
	HIGHWAY SAFETY PROGRAM 1. STATE VIRGINIA 2. THA ANNUAL SUBELEMENT PLAN	5. DRAFTED BY Walter E. Douglas (WLH) APPROVED BY John T. Hanna	EFFECTIVENESS Number of drivers convicted for DWI	C Percent of those drivers arrested for DWI	PUT V Number of drivers arrested for DWI	8. STD. 9. TASKS & MILESTONES	308 1. Lower blood alcohol content from 0.15% to 0.10% Legislation	308 2. Legislation permitting the use of a breath test in addition to a chemical test for presumptive evidence of driving under the influence.	308 3. Legislation allowing police officers to use preliminary breath test devices.	 308 4. Personnel A. Secretaries B. Policemen (cities and counties) (Cost included in P & S - 315) 	10.DESCRIPTION The State of Virginia, in order to reduce the number of deaths, personal injuries and property damage, caused by drinking drivers, has initiated programs that will assure the safety of our motoring public against drivers under the influence and also those under the influence of drugs.11.COST BY TASK (\$000)10.DESCRIPTION The State of Virginia, in injuries and property damage, caused by drinking drivers, has initiated programs that will assure the safety of our motoring public against drivers under the influence and also those under the influ- our immediate plans are to initiate lerislation	6 to 12. u-	ence of alcohol and a bill allowing the use of a STATE SHARE breath test in addition to a chemical test for pre- sumptive evidence of driving under the influence. TO LOCALITIES In the last session of the General Assembly a
	HIGHWAY : ANNUAL SU		6a. EFFE		6b. OUTPUT	7. RESP.	USH	CSH	USH	HSD Police Dept.	10. DESCRI order to reduc injuries and p drivers, has i the safety of o under the influ ence of drugs. Our imme	to lower the 0.10% for a c	ence of alcof breath test i sumptive evi In the last se

IV-84

HIGHWAY SAFETY PROGRAM	RAM	1. STATE		VIRGINIA	2. TITLE		Alcohol and Drugs	sân	ъ.	NO.46-72-08-02	-08-02	4.	DATE 2/10/71	/10/71
		5. DRAFTED BY APPROVED B	DRAFTED BY APPROVED BY	Walter Douglas (WLH) John T. Hanna	(F	19 <u>70</u> FY-2	19 71 FY-1	FIS 1st Q	SCAL YE 2nd Q	FISCAL YEAR 19 72 2nd Q 3rd Q	2 4th Q	TOTAL	1973 FY+1	$\frac{1974}{FY+2}$
6a. EFFECTIVENESS														
	c													
6b. OUTPUT	N													
7. RESP. 8. STD.	9. TA	TASKS & MILESTONES	STONES											
HSD 308	р.с.в. 5. 		t devices y breath for prelir ler	pment Breath test devices Preliminary breath test devices .35/unit Postcards for preliminary breath test program Mobile trailer	ram		50, 000 50, 000		- <u></u>		Bids	150 50,000 50,000	50, 50 50, 000 50, 000	50 50,000 50,000 100,000 100,000
HSD 308	6. Tr	Training (no. of policemen)	of policer	nen) preliminary devices	Sč		750	250	250	250	250	1,000	1,000	1,0
10. DESCRIPTION			'	COST BY TASK (\$000)										
built was passed allowing the use of preliminary breath tests as a screening device for all drivers stopped because of a suspicion of driving under	te use of pr g device for cion of driv	eliminary • all drivers •ing under		Equipment Breath test devices Preliminary testing devices	ices		17.5	33.7	33.7	33.7	33.7	135 17 . 5	45 17.5	V
The necessary equipment for this preliminary	ent for this	breliminary		C. Postcards D. Mobile trailer			ຕ					3 12.7	4	
preath test program and the training of policemen will be handled by the Highway Safety Division.	e training . way Safety	of policemen Division.		Training	_		10					15	15	15
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.	d implemer ation progr f this progr cement per the drinkin	tt an alcohol am for all ram will be rsonnel with g drivers	12. F S L T	TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES										

IV-85

HIGHWAY S.	HIGHWAY SAFETY PROGRAM	MM	1. STATE		VIRGINIA	2. TIT	TITLE Alco	Alcohol and Drugs	lrugs	~·`	NO. 46-7	NO. 46-72-08-03	4	DATE 2/10/71	/10/71
ANNUAL SU	Annual Subslement Flan	NW	5. DRAFTED BY APPROVED BY	D BY ED BY	Walter E. Douglas John T. Hanna	(WLH)	19 <u>70</u> FY-2	1971 FY-1	Ist Q	ISCAL Y 2nd Q	FISCAL YEAR 19 72 2nd Q 3rd Q	2 4th Q	TOTAL	19 <u>73</u> FY+1	19 <u>74</u> FY+2
6a. EFFE	EFFECTIVENESS														
		с													
6b. OUTPUT	UT	V													
7. RESP.	8. STD.	9. T	TASKS & MILESTONES	TONES	1										
HSD	308	7. I	Develop Public Information Program	Informa	tion Program				Bids	Contract	Imple.	Imple.		Imple.	Imple.
USH	308	8.1	raining policen	nent to	Training policement to use breath testing devices	vices					1	1	1,500	1,500	1,500
dSH	308	а 6	Develop an Alcohol Counts Program for all policemen	ohol Co policer	Develop an Alcohol Countermeasures Indoctrination Program for all policemen	trination								,	· · · · · · · · ·
U SH	308	10. D	Data System							Survey	Analysis Devel.	bevel.		Imple.	Imple.
ПЗН	308	11. S A	Studies on narcotics and drug abuse A. Effects of Marihuana and Drug (dics and larihuan	lies on narcotics and drug abuse Effects of Marihuana and Drug Use in Highway	ighway									
		φ U	Satety B. Literature survey C. Additional studies	urvey tudies				Complete Complete	-				c	•	
									1		4		4	4	4
10. DESCR	DESCRIPTION			н. (COST BY TASK (\$	(000\$)									
· A very in	A very important program in the rehabilitation	am in the	e rehabilitation	7.	Public Information Program	ogram							30	90	06
of drinking di	of drinking drivers is underway in our state. We	way in o	ur state. We		Training	0							8 8	8 8	8 8
were very for	were very fortunate in receiving a grant from the	ving a gr	rant from the	11. D	Drug Studies					-			3	9 6	8 0
Action Project	MEAD to develop and implement an Alcohol Safely Action Project for several communities in Northern	ent an A ommunii	lcohol Satety ies in Norther	-											
Virginia. It i	Virginia. It is anticipated that the program will	lat the p	rogram will												
prove to be m	prove to be most beneficial in the alcohol enforce	n the ald	sohol enforce												
ment program	ment program and can later be implemented in the 12.	be imple	mented in the		TOTAL COST										
Council on Na	Council on Narcotics and Drug Abuse Council. the	us Ahuse	of the Governo		LOCAL SHARE					_					
State of Virgi	State of Virginia plans to completely survey the	npletely	survey the		FEDERAL SHARE										
area of drugs	area of drugs and make recommendations accord-	mmenda	tions accord-	•	TO LOCALITIES										
ingly. A data	A data system is also being designed to en-	being d	esigned to en-												

uguy. A data system is also being designed to enable us to evaluate our programs more effectively.

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9 TITLEALoohol and Dmice	TASKS	<u>ى</u>		168.2		84.1	77.8	10						_						T		 												
		4		~																			 											-
VIRGINIA		ິຕ															 						 								•			
VIRG		62																				 	 											
E																				T		 	 						-					
1. STATE		TOTAL		245.2	122.6	100.3	10	100.3														 	 											
HIGHWAY SAFETY PROGRAM	SUBFLEMENT SUPPLEMENT		;p	I Total (\$000)	Fe		R Prev. Obligations	New Obligations	I Standard:	B Total	U Federal	T To Localities	I Prev. Obligations	0 New Obligations	N Standard:	Total		Prov. Obligations	New Obligations	Stan	T Total		New Obligations	A Total	Ē	D To Localities	Prev. Obligations	Local Costs by Object	Salaries	Per Dicm and Travel	Contracts	Equipment	Supplies	Maintenance and Operations
нісн	SUBE		13.									1																14.						

EFFECTIVENESS SUPPLEMENT

TO THE SUBELEMENT

Title and No. 46-72-08-05	Date	19 70	1971		ры,	Fiscal Year 72	- 72		19 73	19 74
Alcohol and Drugs	2/10/71	FY-2	FY-1	1st Qt.	2nd Qt.	3rd Qt.	4th Qt.	Total	FY+1	FY+2
6a. EFFECTIVENESS										
			-							
Number of deaths attributed to alcohol * 1.	1 *									
Injury accidents attributed to alcohol * 2.	*									
Amount of economic loss attributed to 3. alcohol *										
Number of drivers convicted of DWI * 4.										
Number of accidents attributed to drug abuse* 5.	g abuse*									
 * Information will be available upon com- pletion of our new Traffic Records System 6. 	com- stem									

HIGHWAY SAFETY PROGRAM ANNIAL SUBELEMENT PLAN	GRAM PLAN	1. STATE	VIRGINIA	2. TITLE		Identification and Surv. of Accident locations	nd Surv. ations	of 3.	NO. 46-72-09-01	2-09-01	4.	DATE 2/	2/10/71
		5. DRAFTED BY APPROVED B	Walter E. Douglas Y John T. Hanna	(MTH)	19 <u>70</u> FY-2	19 <u>71</u> FY-1	FI Ist Q	SCAL YI 2nd Q	FISCAL YEAR 19 72 2nd Q 3rd Q	4th Q	TOTAL	19 73 FY+1	$19\frac{74}{FY+2}$
6a. EFFECTIVENESS	Number of	accidents at i:	EFFECTIVENESS Number of accidents at improved high accident locations		SEE EI	FFECTIV	ENESS \$	UPPLE	JENT T	EFFECTIVENESS SUPPLEMENT TO THE SUBELEMENT	BELEME	TN	
6b. OUTPUT	c V N	ercent of high mher of high	Percent of high accident locations improved * Number of high accident locations improved *	* *	<u>_</u>	L							
7. RESP. 8. STD.	.6	TASKS & MILESTONES	TONES										
Traffic Eng. 309		evelopment of iventory high a	Development of systems and programs to identify and inventory high accident locations		Survey A	Analyze		Devel.	Imple.	-			
HSD 309	5. 5. 12.	Istablishment or review and	Establishment of a multi-discipline surveillance team for review and evaluation of crashes No. of teams	ce team teams		Estab.	1	H	н	-	н	1	1
Traffic Eng. 309	3°	Development of effective c ducing accidents identified lance teams	Development of effective countermeasures for re- ducing accidents identified by inventories or surveil- lance teams	· re- urveil-		Design			Report			Imple.	Imple.
Traffic Eng. 309	4.	Jevelop technic studies to dete	Develop techniques for conducting before and after studies to determine effectiveness of improvements.	after ments.	H	Design			Report			Imple.	
						×.							
10. DESCRIPTION The identification and surveillance of all accident locations is only one maior task in reducing the number of accidents on	identificati t locations number of	on and is only one accidents on	11. COST BY TASK (\$000) 1. Identify and inventory high acci- dent locations	1 acci-				5	ى ب		10	10	10
our city streets in Virginia. It is our immediate	L. It is our in this are	· immediate	2. Multi-discipli ne surveillance	ance		30	7.5	7.5	7.5	7.5	30	30	30
ing that hazardous locations with at least five accidents are identified and improved, if necessary.	s with at le proved, if	east five acci-	• •			21			1 7	1	19 CI		
We are also forming a multi-discriplinary team for state, city and counties to review accident locations immediately after the accident and make	ti-discripli to review r the accide	inary team accident ant and make	12. TOTAL COST (\$000) LOCAL SHARE		45 45	127 93.5 2	36.25 27.12	40.25 29.12	42.25 30.12	35.25 26.63	154 113	152 121	161 131
consultant will be hired to work with cities and counties not under the jurisdiction of the VDH, help them with their program.	work with c work with c sdiction of 1 am.	sities and the VDH, to	STATE SHARE FEDERAL SHARE TO LOCALITIES			33.5 33.5	9, 13 9, 13	11.13 11.13	12.13 12.13	8.62 8.62	41 41	31 31	31 31

* This information not yet available.

HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN	OGRAM VT PLAN	1. STATE	E	VIRGINIA	A	2. TITLE	•	Identification and Surv. of Accident Locations	and Surv. cations	3.	NO. 46-'	NO. 46-72-09-02	4	DATE 2/10/71	/10/71
		5. DRAI APPI	DRAFTED BY APPROVED BY	r Y	Walter E. Douglas, (WLH) John T. Hanna	(MLH)	$\frac{19}{\mathrm{FY}-2}$	1971 FY-1	Ist Q	SCAL YI 2nd Q	FISCAL YEAR 1972 2nd Q 3rd Q	2 4th Q	TOTAL.	19 73 FY+1	1974 FY+2
6a. EFFECTIVENESS	S														
	U														
6b. OUTPUT	Λ														
7. RESP. 8. STD.	6	TASKS & MILESTONES	LESTONE	ş											
HSD 309		Hire an engi cities and 2 the VHD	neering c counties 1	onsultan 10t under	Hire an engineering consultant to work with the 39 cities and 2 counties not under the jurisdiction of the VHD	he 39 n of		1	1	1	1	1	Ħ	н	Ц
Local Govern Body 309		Traffic Engineers working with cities and surveillance of accident locations	neers wor nce of ac	rking wit cident lo	Tratfic Engineers working with cities for identification and surveillance of accident locations	ntification	15	20				•	24	30	33
309	-2.	Special mult	i-discipli	ne teams	Special multi-discipline teams for localities			1				 :	Ч	5	62
Traffic Record 309 Committee	8 	Develop Data program	System f	ior effec	Develop Data System for effective evaluation of the program	of the									
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	data systen ommittee to ss of the st	a is propose enable us to tte's program	d 11.	-	COST BY TASK (\$000) Special Engineering Consultant	0) onsultant		35	8.75	8.75	8.75	8.75	35	20	20
neuringation and surventance of accident locations.	liliance of ac	scident locat	6.		Traffic Engineers (<u>4</u> salary)	alary)	45	60	18	18	18	18	72	06	66
			13.	TOTAL COST LOCAL SHAR STATE SHAR FEDERAL SH TO LOCALIT	TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES										

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3. No. 46-72-09-03 4. DATE2/10/71	_														Ŀ																ļ							
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2. TITLE of Accident Locations	KS ,	·,			17.5	17.5		17.5						_																	1							-
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VIRGINIA		2		30	15	15		15																														
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βRA	1EN		309	(000\$)		To Localities	liga	New Obligations				To Localities	liga	New Obligations				To Localities	liga	New Obligations				To Localities	liga	New Obligations			To Localities	liga	ect		vel				per	
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FET	r st		Standard:	Total	Fed	H	р.	z	Standard:	Total	Fed	H	р.	Ż	Standard:	Total	Fed	F	Д	Ž	Standard:	Total	Fed	Ē	Ċ,	Ž	Total	Fed	Ē	5	ost	ŝ	em	cts	lent	s	nanc	F
[N]	IEN,		S						\mathbf{St}						S						St						Ē			i	Local Costs by Object	Salarics	Per Diem and Travel	Contracts	Equipment	Supplies	Maintenance and Operations	Total
HIGHWAY SAFETY PROGRAM	SUBELEMENT SUPPLEMENT		D	I	S	۲	Ч		L	В	D	F	H	0	z		д	2 >	-		s	F	V	z	D		A	ы	D		Loc	Sal	Peı	Col	Equ	Sup	Ma	
GHV	BEI													'							•																	
HI	SU		13.																												14.							

SUPPLEMENT	SUBELEMENT
SS	SU
LIVENE	THE
EFFECTIVENESS	TO

Title and No. Date	9	19 70	19 71		H	Fiscal Year	c 72		19 73	1974
	2/10/71	FY-2	FY-1	lst Qt.	2nd Qt.	3rd Qt.	4th Qt.	Total	FY+1	FY+2
6a. EFFECTIVENESS										
*Number of accidents at identified and im- proved accident locations 1.	in-									
*Total mumber of accidents at high accident 2. locations before improvements	dent									
 * Deaths rate before and after improvements 3. 										
* Economic loss before and after improve- 4. ments	ove-									
5.					· · ·					
*Data will be available upon completion of our new traffic records system. 6.	n of ou	r new tra	fic reor	ls system.						

HIGHWAY SAFETY PROGRAM AVNIAL SUBELEMENT PLAN	LAM 1. XXXXXX LAN	X ' State of Virginia _.	2. TITLE	1 i	atio	on and of Accident VDH	3.	NO. 46-72-09-05	-09-05	•;	D.V.T. 2/10/70	10/70
	5.	DRAFTED BY Fred F. Small APPROVED BY John T. Hanna		1970 FY-2	19 71 FY-1	ି ଜ	SCAL YE 2nd Q	FISCAL YEAR 1972 2nd Q 3rd Q	4th Q	TOTAL.	15/3 FY+1	15.74 FY -2
6a. EFFECTIVENESS Reduction in the number of accident at identified and improved hazardou	duction in the numb identified and imp	s per volume s locations.	of, traffic 1	17.3%	20%	25%	25%	25%	25%	25%	28%	30%
	C % of identified hazardous lo	ça	and	28%	30%	8.5%	8.5%	8.5%	8.5%	34%	40%	4.5%
eb. OUTPUT	V Number of hazardous location	rdous locations identified.	22	225	250	60	. 09	70	75	275	250	225
7. RESP. 8. STD. Traffic and 309 Safety Engineer	 TASKS & MILESTONES 1. Develop comprehen processing identi 	KS & MILESTONES Develop comprehensive automatic data processing identification system.	Syst Plan estal shed	ems 01i-	Program- (ned n	ContinueContinueContinueSystem program-program-comple ming ming ted	Continue(program-1 ning	:Continue program- ming	system comple- ted			
	2. Establish	Establish data base for the above		<u> </u>	Develop J base F plan n	Initiate program- ming work		C o n C o	i n u	l Pro	11 00	
	 Continued with neces 	Continued implementation of analysis system with necessary revisions	ystem C	o n t i	n u a 1	Ъго	в та 8 га					
	 4. Operations (A) Person (1) 3 (2) 4 	tions Personnel (1) State Traffic & Safety Engineer (2) Asst. Traffic & Safety Engineer	eer 10% eer 20%	2 1	1	1	1	1	1	1 2	1 2	2 1
10. DESCRIPTION - The long term goal is to reduce the number of accidents including	long term goal is ccidents including	11. COST BY TASK (\$000) 4 A-1 State Traffic and Safety	0) ty Engr.	2.0	2.0	0.6	0.6	0.6	0.6	2.4	3.0	3.t
severity of injuries and property damage by	property damage by	Asst. Traffic and	Engr.	7.0	7.6	2.1	2.1	2.1	2.1	8.4	8.6	8.5
Identification, surveillance, location cor- rection and follow-un evaluations and analy-	nce, location cor- lustions and analy-	A-3 Highway Traffic Engineer		13.6	14.8	С. с.	ი. ო.		6°0	15.4	16.2	16.9
sis.	TURTIONS and analy	Highway Traffic	a 4	42.4	53 . 8	13.6	13.6	13.7	13.8	54.7	41.4 56.3	43.0 57.8
The immediate objective of this program is to establish an accident identification	ive of this program at identification	Traffic Traffic	 О А	110.5 65.1	115.1 67.2	29.2 16.9	29.2 16.9	29.2 17.0	29.2 17.0	116.8 67.8	118.8 68.6	120.7 69,6
creasing volumes in traffic and accident demands utilizing to a greater degree auto-	ic and accident ater degree auto-	12. TOTAL COST (\$000) LOCAL SHARE		332.2	399.6	89.8	9.701	107.0	107.7	412.4	427.5	440.9
matic data processing to arrord maximum and definite coverage.	arrord maximum and	STATE SHARE	۳ 	332.2	399.6	89.8	107.9	107.0	107.7	412.4	427.5	440.9
Phase I - consists of a series of pro- grams which correlate accidents, traffic and geometrics. This, in turn. allows for (Cont	- consists of a series of pro- correlate accidents, traffic and This, in turn, allows for (Cont	FEDERAL SHARE TO LOCALITIES							<u> </u>			
1 14.1	nent to the subelement				1]

See effectiveness supplement to the subelement.

I	5	Δ	Δ	
	.)	4	1.14	

											Pයදු 2
HIGHWAY SAFETY PROGRAM	AM 1.	CITY COUNTY State of Virginia 2.	TITLE Surv Loca	Identification and Surveillance of Accident Locations	n and of Accid	3.	NO. 46-72-09-06	-09-06	+	DATE 2/10/71	12/01,
ANNOAL SUBSLEMENT FL	5.	DRAFTED BY Fred F. Small APPROVED BY John T. Hanna	19 <u>70</u> FY-2	19 71 FY-1	FI Ist Q	FISCAL YEAR 19 ⁷² 2nd Q 3rd Q		4th Q	TOTAL	1973 FY-1	19 <u>74</u>
6a. EFFECTIVENESS											
	c										
6b. OUTPUT	Λ							-			
7. RESP. 8. STD.	9. TASKS	TASKS & MILESTONES									
	4. Op	Operations continued (3) Highway Traffic Engineer C	1				1	1	I		
		Highway Traffic Engineer		ŝ				۰ m	ŝ	ŝ	
			4	5	5	5	5	<u>،</u> د	ŝ	5	<u>،</u> در
		(6) Highway Traffic Technician C (7) Highway Traffic Technician R		10	EI 0	E1 []	E1 [11	E1 E		13
			2	2 m		;	;1	;			;
		(6)		Ч		-	1		П	Ч	
	(B)		(((
	(j) (j)	Rent (Offic	m 	m	 m	m	<u>ო</u>	m	m		 ო
) computets (lime)) Travel									
	(E)		36	37	37	38	38	38	38	38	38
	5. MI			Ì		Ļ		<u> </u>	, , _ , _ , _ , _ , _ , _ , _ , _ ,	ġ	
	(¥)) Miles Posted	_	\$		2	2	52	22	፼.	90
10. DESCRIPTION (Cont. from Page 1) id fication and evaluation of individual lo-	from Page 1) identi f individual lo-	nti- 11. A-8	5.6	5.7	1.4	1.4	1.4	1.4	5.6	5.8	5.9
cations based on geometrical differentials	cal differen vent of crit:	tials A-9 Clerk-Stenographer B	201 0	31/16	C.2 8 07	C.2	2.2 80.3	2.0 80.5	10.1	10.5	10.9
rates for each type facility.	lty.	F #	5.2	5.1	1.2	1.3	1.3	1.3	5.1	5.1	5.3
Phase 2 - consists of a program that	f a program	4ç	6.0	6.0	1.5	1.5	1.5	1.5	6.0	6.0	0.0
will establish a data base for determining the effectiveness measure of each type im-	e for determ of each typu	ining 4D Computer Time e im- 4E Travel	18.8	16.5 12.4	3.2	, 9 , 1 , 2 , 1	4.2 3.2	4.2 3.2	16.6 12.8	16.8 13.4	17.2 13.9
provement in relation to adjacent geometrics,	adjacent geon	4		•	•	7.7		+- '	1.2	1	
LTAILIC VOLUMES AND COMMUNITY CHARACTERISCIES Phase 3 - provides for immediate and	ntry cnaract	and TOTAL COST									
continuing analysis of program data and find- ings. This phase includes location selection	ogram data and location su										
improvement requirements, B/C analysis, con- struction implementation of form studies	B/C analysi	H									
superiou implementation and after studies	ing arrer str to the data h	Dase: Phase 2									
		10001 11000 C.									

Page 3 2/10/71	15.74 FY							0.09	
0.7 - 2/	1973 = 1973							57.0	
	TOTAL.							50.0	
2-09-07	4th O							17.0	
NO. 46-72-09-07	3rd 0				s page)			16.5	
3.	FISCAL YEAR 1972 2nd Q 3rd Q				(See note this page)			16.5	
n and of Accid	FI 1st Q				(See				
Identification and Surveillance of Accident Locations	19 71 FY-1				*24			45.0	
	19 70 FY-2				*122				
LAM 1. COUNTY State of Virginia 2. TITLE	5. DRAFTED BY Fred F. Small APPROVED BY John T. Hanna		C	V	 TASKS & MILESTONES Traffic Conflict Study 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 deter- mining improvement needs at identified locations.	Task cost incorporated into paragraph #4 - Operations (Personnel and Supplies)	11. COST BY TASK \$(000) 5A Physical Installation	12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TOTOTION
TY PROGR EMENT PL		ENESS			STD.			NO	
HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN		EFFECTIVENESS		6b. OUTPUT	RESP. 8.			DESCRIPTION	

·95

2. TITLE of Accident Locations 3. No. 46-72-09-08 4. DATE 2/10/7		8 9 10						· · · ·																												
Accide	-	2								 			 																				<u> </u>			
rle of		9								 							-																			
2. TI	TASKS	5		50						-																										
		4		362.4																																
INIA		m																																		_
VIRGINIA		2								 																<u></u>							<u>.</u>			
	·	1					-			 	 		-																							
STATE		١L								 	 															÷										
1.		TOTAL		412.4																																
HIGHWAY SAFETY PROGRAM	SUBELEMENT SUPPLEMENT		D Standard: 309	I Total (\$000)	S Federal	T To Localities	R Prev. Obligations	New Obligations	I Standard:	 U Federal	I Prev. Obligations	0 New Obligations	N Standard:	Total	n Federal	To Localities		New Obligations	S Standard:	T Total	A Federal	N To Localities	D Prev. Obligations	New Obligations	Tot	R Federal	D To Localities	Prev. Obligations	Local Costs by Object	Salaries	Per Diem and Travel	Contracts	Equipment	Supplies	Maintenance and Operations	Total
HIGH	SUBE		13.							 														_					14.							

RFFECTIVENESS SUPPLEMENT

TO THE SUBELEMENT

1. L	Title and No. 46-72-09-09 Identification and Sumoillance	Date	19_70	1971		1	Fiscal Year	72		1973	19_74
	of Accident Locations	Z/ 10/ 11	FY-2	FY-1	1st Qt.	2nd Qt.	3rd Qt.	4th Qt.	Total	FY+1	FY-2
6а.	. EFFECTIVENESS										
-	*Reduction in the number of accidents per volume of traffic at identified and improved hazardous locations.	ents per l improved									
2.	* Deaths before and after improvement	ment									
IV-97 ో	* Injuries before and after improvements	ements									
4.	* Economic loss before and after i ments	after improve-									
ង								· · · · · · · · · · · · · · · · · · ·			
.9	* Information will be available upon completion of new traffic records committee.	pon comple	tion of nev	v traffic r	ecords con	amittee.					

1	5	4	0

HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN	1. STATE VIRGINIA	2. TITLE	Traffic Records	ecords	3.	NO.	46-72-10-01		DATE ²	DATE 2/10/71
	5. DRAFTED BY Bob DuVal (WLH) APPROVED BY John T. Hanna	$\frac{1970}{FY-2}$	0 19 71 -2 FY-1		FISCAL Y 1st Q 2nd Q	FISCAL YEAR 19 72 2nd Q 3rd Q	72 4th Q	TOTAL	$\frac{19}{\mathrm{FY}+1}$	$\frac{19^{74}}{\mathrm{FY}+2}$
			SEF	ERFEC	TIVENESS		ENT TO	THE SUF	BELEME	TN
Verco Vide	Percent of accident reports incorporated in uniform state- Cwide system. VNumber of accident reports incorporated in uniform state-	orm state- orm state-								
vide	system.				-+					
ΤA	TASKS & MILESTONES									
ŭ.	1. Development of a traffic records committee		Estab.	p.						
2. St	Study of Virginia's Traffic Records System		Bids	s Survey	vey Analysis	si ai				
3. Sy	Systems Design					Design	Design		Design	Ъ
4. Tr	Traffic Records Workshop									Imple.
erm { inia ng fat dam:	 DESCRIPTION The long-term goal of our traffic records program in Virginia is to reduce Study of Virginia's Traffic the number of accidents including fatalities, Record System personal injuries, and property damage due to the) fffic		75	100			175		
for	ack of sufficient traffic records for police 3. System Design			. <u></u>		20	50	100	200	200
nplyi H. S.	The state of Virginia, in complying with the 4. Traffic Records Workshop standard promulgated by the N.H.S.B. has es-	thop 14.4	4		<u> </u>					
nmitt V. D.	ed 12.	55 30.6	9	75	5 100	0 50	75	300	280	280
cent cent in Stu	mated Data Processing. In a recent publication FEDERAL SHARE retitled "Governor's Management Study", the TO LOCAL THES	24.4	4 4	37	37.5 50 37.5 50	0 25 0 25	37.5 37.5	150 150	140 140	140 140

HIGHWAY SAFETY PROGRAM ANNIAL SHRFLEMENT DI AN	d	1. STATE	۲.	VIRGINIA	2. TITLE		Traffic Records	rds	3. N	NO. 46-72	46-72-10-02	.4	DATE 2/10/71	2/10/71
		5. DRAFTED BY APPROVED BY	ED BY	Bob DuVal (WLH) Y John T. Hanna		$\frac{19}{\mathrm{FY}-2}$	19 71 FY-1	FISC 1st Q 2	FISCAL YEAR 1972 2nd O 3rd O		4th G	TOTAL.	19 73 FV-1	1974 FV12
6a. EFFECTIVENESS									-					7
ch Ottrbit	c										+			
	A													
7. RESP. 8. STD. Traffic	9. TAS	TASKS & MILESTONES	TONE	S										
Records 310 Committee	5. Tr	affic Record	Systei	Traffic Record Systems Analysis										
310	6. Hir tra	Hire consultants to help traffic records program	ts to h(progr	Hire consultants to help cities and towns with their traffic records program	their					Bids	Contrac		Imple.	Imple.
	7. Tr	Traffic Records Inventory	s Invei	ntory (NHSO)										
10. DESCRIPTION (continued) responsibility	dsər (bə	onsibility	11.	CCST EX TASK (\$000)							-			
for processing and compilation of highway accident statistics to the Highway Safety Division	ion of high hway Safe	hway ety Division	5.	Traffiz Eecords Systems Analysis		دی دی							50	50
The present procedure for handling figmery accident statistics requires separate keypunch and data processing runs for the Division of Motor Vehicles, the Department of Stats Police, and the Department of Hichways. Each arenov	and, ing in separate] the Divis nent of St avs. Eacl	gnway keypunch sion cf ats Police,	6.	Consultant	****			-			8 8880 A.S	25	30	50
must obtain selective data which involves unnec- essary 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	hich invol e delay. J irred to pi s will requ develop a	revised	12.	TGTAL CONT LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES										

TV-99

HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN	1. STATE		VIRGINIA	2. TIT	LE Tra	TITLE Traffic Records	sp	6	NO. 46-72-10-03	2-10-03	4	DATE 2//10//71	UL//0 L//2
	5. DRAFTED BY APPROVED BY	ED BY	Bob DuVal (WLH) { John T. Hanna		1970 FY-2	19 71 FY-1	F E Ist Q	SCAL YI 2nd Q	FISCAL YEAR 1972 2nd Q 3rd Q	4th Q	TOTAL	19 73 FY+1	1974 FY +2
6a. EFFECTIVENESS													
c C C C C													
7. RESP. 8. STD. 9.	TASKS & MILESTONES	TONE											
								<u>Ho canadora</u>					
10. DESCRIPTION (continued) form, preferably filled out by the investigation offician for more	orm, preferably	11	COST BY TASK										
sensing equipment, and a new program to pro-	gram to pro-												
duce printouts from the common data base. This will satisfy each of the several agencies' require-	lata base. This												
ments. The development, testing and imple-	and imple-												
mentation of the streamlined system will be carried out by consultant's hired by the traffic	em will be by the traffic												
records committee. The hiring of special Engineering Consultants	ing Consultants	12.	TOTAL COST										
is also anticipated, for the purpose of working with the local political subdivisions for the	se of working is for the		STATE SHARE										
implementation of a complete traffic records system. We intend to hire four or five consultants	fic records		TO LOCALITIES										

HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN	STATE, VIRGINA	2. TITLE Tra	Traffic Records		3. NO. 46-72-10-04	-04 4.	DATE 2/10/71	/10/71
	5. DRAFTED BY BOD DUVAI (WLH) APPROVED BY John T. Hanna	$19\frac{70}{FY-2}$	19 <u>71</u> FY-1	FISC 1st Q 21	FISCAL YEAR $19\frac{72}{2}$ 2nd Q 3rd Q 4th Q	TOTAL	$\frac{19^3}{\text{FY+1}}$	19_{FY+2}^{74}
6a. EFFECTIVENESS						<u> </u>		
7. RESP. 8. STD. 9. TA	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	a part time 11. COST BY TASK extend this as possible have hired i work with fift records or 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.	the state of ginway safety .B. more .B. more FEDERAL SHARE FEDERAL SHARE FEDERAL SHARE FEDERAL SHARE FEDERAL SHARE							
	and a second		-					

3. No.46-72-10-05 4. DATE2/10/71																-			-																		
3. No.46-7		10																	 																-		
	_	6																	 																		
Traffic Records		8																	 				·														
raffic I	_	7																	 																		
		9		22	12.5			12.5																													
2. TITLE	TASKS	5					-							يبنى من																							
		4												_			_																				
	_	3		-	50			50																													
VIRGINIA		2		97.L	87.5			87.5																													
1		1																-							-								<u> </u>				
1. STATE		TOTAL		300	150		500	150		•			<u> </u>						 					•		 											
HIGHWAY SAFETY PROGRAM SUBELEMENT SUPPLEMENT					Ŀ	T To Localities	R Prev. Obligations	New Obligations	I Standard:	B Total	U Federal	T To Localities	I Prev. Obligations	0 New Obligations	N Standard:	Total	. Federal	v To Localities	New Obligations	Stan	T Total	A Federal	N To Localities	D Prev. Obligations	New Obligations	Ē	R Federal	D To Localities	Prev. Obligations	Local Costs by Object	Salarics	Per Diem and Travel	Contracts	Equipment	Supplies	Maintenance and Operations	Total

IV-102

Title and No. 46-72-10-06	Date	19 70	19 71			Fiscal Year 72	r 72		1973	19 74
Traffic Records	2/10/71	FY-2	FY-1	1st Qt.	2nd Qt.	3rd Qt.	4th Qt.	Total	FY+1	FY+2
6a. EFFECTIVENESS										
*Average retrieval time for any traffic records	c records									
1.										
*Average entry time for traffic records	<u>s</u>									
2.										
IV-103-5										
<u>4</u> .										
ů.										
*Additional effectiveness measures and data will be available upon completion of our new raffic record data system. 6.	d đata will	be availabl	e upon con	mpletion o	f our new :	raffic rec	ord data s	stem.		

EFFECTIVENESS SUPPLEMENT TO THE SUBELEMENT

HIGHWAY SAFETY PROGRAM		1. STATE	VIRGINIA	2. TITLE 1	Fraffic R	Traffic Records DMV	VMO	3. NO	NO.46-72-10-07	10-07	4	DATE 2	2/10/71
	5.	. DRAFTED BY APPROVED BY	D BY R. E. Spring ED BY John T. Hanna	19 70 FY-2	$\frac{70}{-2}$ $\frac{19}{FY-1}$		FISC. 1st Q 2r	FISCAL YEAR 19 ⁷² 2nd Q 3rd Q	R 19 ⁷² d Q 4	4th Q	TOTAL	1973 FY+1	$\frac{19^{74}}{FY+2}$
6a. EFFECTIVENESS					S	SEE EFFECTIVENESS SUPPLEMENT TO THE SUBELEMENT	CTINEN	ESS SUP	PLEME	NT TO	THE SUI	BELEMB	TN
6b. OUTPUT	C Percen V Numbe	nt of Records r of Records	C Percent of Records on Automated Files V Number of Records on Automated Files										
7. RES.P. 8. STD. DMV 310	9. TASK 1. Tra a. N b. N c. N c. N	TASKS & MILESTONES Traffic Records Electronic a. Number of Transactions b. Number of Wotorist Reco c. Number of Vehicle Recor	TASKS & MILESTONES 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)	gram	ى بى ••	37 2.7 2.7		3.4.9 1.05 3.4.4.9	3. 4. 5 3. 1. 1. 3. 2. 1.	ດ 1 ເດ ບັນ 2 ເບ	0, 4, 0 0, 2, 0 0, 2, 0	4.0 3.7 3.7	47 47 60 24 - 10 0 - 2
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 throwh automation. DMV's programs are shown	The long range goal of the Program is to reduce death roperty damage caused by scords for enforcement ate goal at DMV is to rist and vehicle informatio: is immediately upon reques MV's programs are shown		11. COST BY TASK (\$000)	22		808	232	232	232	232	6	1,168	1,372
on the subelement plan. 1. Traffic Records Electronic Data Processing	onic Data 1	L	12. TOTAL COST (\$000)	553		808	320 3	320 320	<u> </u>	320	1,280	1,168	1,372
Program. This program maintains the driver and vehicle records on the Division of Motor Vehicles Traffic Records System.	ntains the in of Motor	driver and r Vehicles	LOCAL SHAKE STATE SHARE FEDERAL SHARE TO LOCALITIES	553		808	232	232		232 88	930 350	1,168	1,372

HIGHWAY SA ANNIAL SUB	HIGHWAY SAFETY PROGRAM ANNIAL SIIBELEMENT PLAN	M 1. STATE	e virginia	2. TITLE	1	Traffic Records DMV	ds DMV	3. NO.	NO.46-72-10-08	4	DATE2/10/71	10/71
			DRAFTED BY R. E. Spring APPROVED BY John T. Hanna		19 <u>70</u> FY-2	1971 FY-1	. FIS 1st O	FISCAL YEAR 19 72 2nd 0 3rd 0	19 <u>72</u> 0 4th 0	TOTAI	19 73 EV.1	1974 EV. 9
6a. EFFEC	EFFECTIVENESS				+							J 1 1 7
6b. OUTPUT		C Percent of Recor V Number of Recor	Percent of Records on Automated Files Number of Records on Automated Files									
7. RESP.	8. STD. 9	9. TASKS & MILESTONES	STONES									
DMV	310	2. Motorist Data Base Project	Base Project			Devel.						
10. DESCRIPTION 2. Motorist Data Base Project. produce an integrated, common d provides for all information, filin retrieval needs of the Division of both manual and automated for dri and vehicle licensing information.	10. DESCRIPTION 2. Motorist Data Base Project. This project v produce an integrated, common data base which provides for all information, filing, storage an retrieval needs of the Division of Motor Vehicle both manual and automated for driver licensing and vehicle licensing information.	10. DESCRIPTION 2. Motorist Data Base Project. This project will produce an integrated, common data base which provides for all information, filing, storage and retrieval needs of the Division of Motor Vehicles both manual and automated for driver licensing and vehicle licensing information.	 COST BY TASK (\$000) Motorist Data Base Project 	ect			xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	88	8	350		
			12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES									

HIGHWAY SAFETY PROGRAM 1. ⁵¹ ANNUAL SUBELEMENT PLAN 6a. EFFECTIVENESS 6b. OUTPUT V Number of Re 7. RESP. 8. STD. 9. TASKS & M DMV 310 3. Crash Repart reportin p. Research freortin f	DIALE VIRGINIA 2. DRAFTED BY R. E. Spring APPROVED BY John T. Hanna	TITLE TRA	Trailic Records DMV		3. NO. 46-72-10-09	0-09 4.	D A 15 C	
EFFECTIVENESS OUTPUT C Pe Nu RESP. 8. STD. 9. 3. 310 3.	AFTED BY R. E. Spring PROVED BY John T. Hanna	10.70						11/01/7
EFFECTIVENESS OUTPUT C Pe RESP. 8. STD. 9. 3. 310 3.		FY-2	19 71 FY-1	FISC 1st Q 2	FISCAL YEAR 19^{72} 2nd Q 3rd Q 4th	4th Q TOTAL	$\begin{bmatrix} 19 \\ FY+1 \end{bmatrix}$	$\frac{19^{74}}{FY+2}$
OUTPUT C Pe RESP. 8. STD. 9. ' 310 3. '							+	
OUTPUT RES.P. 8. STD. 9. 7 310 3.	C Percent of Records on Automated Files					 		
RES.P. 8. STD. 9. 3. 310 3.	Number of Records on Automated Files				-			
	TASKS & MILESTONES Crash Report Statistics Report a. Research and document local law enforcement reporting requirements.			Define				
	Research and document other state agencies' reporting requirements.							
	Define expanded data capture requirements.							
	Define expanded data base requirements.							
	Define reports required.							
10. DESCRIPTION 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	11. COST BY TASK (\$000) that					· · · · · · · · · · · · · · · · · · ·		
statistical reports.	12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES							

SUPPLEMENT	SUBELEMENT
SS	SU
CTIVENESS	THE
EFFEC	TO

19 74 FY+2 FY+1 1973 Total 4th Qt. Fiscal Year 72 3rd Qt. 2nd Qt. 1st Qt. *Data will be available upon completion of new traffic records system. FY-1 19 71 FY-2 19 70 Date 2/10/71 *Average record retrieval time *Average time for record entry Title and No. 46-72-10-11 **Traffic** Records 6a. EFFECTIVENESS ÷ 2. 4 •• IV-108 **ئ**

HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN	FY PROGRAM EMENT PLAN	1. STATE	VIRGINIA	2.	TITLE ^{Em}	Emergency Medical Service	edical	3.	NO, 46-72-11-01	2-11-01	4.	DATE 2/10/71	11/01/
		5. DRAFTED BY APPROVED BY	Υs.	S. Hellman, Supervisor John T. Hanna	1970 FY-2	$\frac{19}{FY-1}$	FI 1st Q	SCAL YE 2nd Q	FISCAL YEAR 19 72 2nd Q 3rd Q	4th G	TOTAL	19 73 FV+1	1974 EV19
6a. EFFECTIVENESS		of fatalities am	Number of fatalities among reported injured.	red.		SEE EF	EFFECTIVENESS SUPPLEMENT TO	NESS SUI	PLEME	_	THE SUBELEMEN	I.F.MEN	
6h OIFTPIFF		C EMS facility.	within 20 min. re	sponse time of an	NA								
	V Nur	mber of road mi	V Number of road miles within 20 min. response time.	. response time.	NA								
7. RESP. 8.Local Comm.311EMS311	STD.	TASKS & MILESTONES Organize EMS Advisory Increase the number of	rasks & Millestones Organize EMS Advisory Council-number existing Increase the number of EMS Facilities	number existing lities	5 O	25 8	15 3	15 4	15 6	15	60	50 10	50
State Dept. 311 of Health		Department Operations: a. Personnel:	stations:					<u> </u>			2) 1	> 1
		Director Supervisor											
<u> </u>		Field Representatives Secretary	sentatives		1 3		ი ი ი					4 က စ	
	<u> </u>		(space) Per Month	F	12	12	12	12	12	12	12	12	12 6
		c. Operations Per Month	Per Month		12	12	12	12	12	12	12	12	12
10. DESCRIPTION The long-term goal of the Office of Emergency Medical Services is to reduce	DESCRIPTION The long-term goal of the of Emergency Medical Services is to redu	i goal of the	11. COST BY TASK	TASK (\$000)					-				
among the reported injured: (a)the severity of Injuries: (b)complications: (c)days out of work:	injured: (a)the se ations: (c)days ou	everity of ut of work:	3. Department Personnel	Department Operations: Personnel	57	56	16	16	16	16	65	70	75
(d)length of hospital stay; (e)economic loss; (f) and in addition, the number of deaths and perma-	l stay; (e)economi number of deaths	ic loss; (f) s and perma-	Office (Rent) Supplies, Oth	Office (Rent) Supplies, Other Direct Costs	1.4 3	1.4	.350	. 350	.350	.350	1.4 3.6	1.4	1.4
nent disabling injuries due to the lack of local emergency medical service facilities which	ies due to the lac service facilities	k of local s which					<u> </u>						
Contribute to an increase in response time. To reach the projected long-term goal	tribute to an increase in response time. To reach the projected Jong-term mod June	e time.	12. TOTAL COST (\$000)	ST (\$000)	994	1,242	318	317	320	320	1,275	1,274	1,295
must inaugurate the following criteria immedi-	following criteri	a immedi-	LOCAL SHARE STATE SHARE	ARE ARE	831 6	1,186	248	248	248	248	992	921	867
ately: (d) To establish Community Emergency Medical	nmunity Emergen	ncv Medical		SHARE	163	219	70	5	11	12	283	353	428
Services Advisory Councils in each political	Councils in each F	oditical	TO LOCA	LOCALITIES	90 T	1 63	4 2	55	22	55	218	283	353
NA Toform	NA Tafaamation at at at a												

NA - Information not yet available

IV-109

HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN	I 1. STATE	VIRGINIA	2. TITLE		Emergency Medical Services	edical 3	3. 1	NO. 46-72-11-02	2-11-02	4.	DATE 2/10/71	11/11/1
	<u>م</u>	DRAFTED BY S. S. Heliman, Supervisor APPROVED BY John T. Hanna		19 70 FY-2	19 <u>71</u> FY-1	FIS 1st Q	SCAL YE	FISCAL YEAR 19 72 2nd Q 3rd Q	4th G	TOTAL	1973 FV-1	19 74 EV 19
6a. EFFECTIVENESS				+				-			1	7 1 17
6b. OUTPUT							+					
7. RESP. 8. STD. 9. Local Gov't. 311 4	TAS L. Pro	KS & MILESTONES ocure Equipment: Ambulance (average costs vehicle \$8, 000, 00)	00)	75	100	25	25	25	3r	100		001
	b. Minimum Medicac. Communications1. Base station insi	Minimum Medical Supplies (average \$400.00/unit) Communications Equipment: Base station installations (average costs \$2,500.)	00/unit) \$2,500.)	75 8	100	25	25	25	7 72 72	100	100	100
	2. Mobile units	. –	\$750.00)	50	50	13	12	13	12	50	20	50
	4. Alerting units	uus (average costs \$500.00) aits (average costs \$150.00)	\$500.00)	50	70 65	25	25	25 1 F	25 1 6	100	50 18F	50
	5. Hospital installations		\$500.00	4	9	2 01	ာ က	2 2		00	101	01
	d. Oxygen (\$50	Oxygen (\$500.00 per facility per year)	_	412	420	423	427	433	435	435	440	445
	e. Rescue Equ	Rescue Equipment (\$850.00 per unit)		10	16	വ	ى ع	ഹ	5	20	10	25
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 res-))subdivision, thus as to the existing cilities, thereby ody with a sound xpand its res-	 COST BY TASK (\$000) Procure Equipment 		994	831	300	300	304	304 1	1,210	1,185	1,200
pecuve program. (z) 10 encourage local instal- lation of central dispatching systems and the training of all personnel connected with com-	rage local instal- stems and the ted with com-						<u></u>					
munications 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	mobile, medical (3) To train and possible in the of First Aid as ss, United States int through	12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES						 				

HIGHWAY SAFETY PROGRAM ANNUAL SURFLEMENT DLAN	ROGRAM	1. STATE VIRGINIA 2.	TITLE	Emergency Medical Services	[edica]	3.	NO. 46-72-11-03	-03 4.	DATE	DATE 2/10/71
		5. DRAFTED BY S.S. Hellman, Supervisor APPROVED BY John T. Hanna	$\frac{19}{FY-2}$	1971 FY-1	FISC Ist Q 2	CAL YE 2nd Q	FISCAL YEAR 19 72 2nd Q 3rd Q 4th Q	Q TOTAL	L FY+1	$\frac{1974}{FY+2}$
6a. EFFECTIVENESS	\$3									
	c									
6b. OUTPUT	>									
7. RESP. 8. STD.	.6	TASKS & MILESTONES								
	2. 2.	Training and Certification								
of Mines or 311 Fourwalent		a. Standard First Aid (Number Certified)	C 1							
		2. Police (State Police Only)*	80, 102	1, 595 925	e <i>l</i> ,	20	75	50 250	250 250 000 3 000	250
		3. Firemen (Estimated 40%)								
		4. General Public	18,982	20,764				26,250	50 30,000	40,000
		D. AUVANCED FITSTAID 1. F.MS TERSONNEL	7 220	0 []						
		2. Police	0.77	010 1				N 	0cz 0cz	250
		3. Firemen (Estimated 20%)								
 : :		4. General Public	8,118	9,346	2,000	3,000	2,500	10,000	00 15,000	21,000
Hospital EMS	<u> </u>	c. Paramedic Training								
		1. EMS personnel (Number Certified)	4,693	432				1,000		1,000
-		2. Retrain (Number Certified)		4,693				5.125	25 6.125	7.125
10. DESCRIPTION (continued) community	intinued) con	mmunity 11. COST BY TASK								
programs. A special effort to include all public	ffort to incl	ude all public								
retrice personnel, police and life, will be made.	ce and lire,	will be made.								
emergency medical services facility a source	vince fooilit									
which will, upon completion, produce an Emer-	stion. produ	ty a course ice an Emer-								
gency Medical Services Technician.	Technician.									
This paramedic training course is to be	ning course	is to be								
sponsored and will be under the guidance of the	nder the gui	idance of the 12. TOTAL COST						 		
Ounce of Emergency Medical Services with all barticipating medical institutions in the Com-	edical servi stitutions in									
monwealth. (4) To require all ambulance drivers	tire all amb									
as well as other emergency vehicle operators, to	sncy vehicle	to rocal the relation of the r								
aucin and complete a Defensive Driving Course	erensive Ur									

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

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IV-111

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HIGHWAY SA	HIGHWAY SAFETY PROGRAM	AM	1. STATE VIRGINIA 2.	TITLE	Emergency Medical Services		3. NO. 46-7	NO. 46-72-11-04	4.	DATE 2/10/71	10/71
			5. DRAFTED BY S. S. Hellman, Supervisor APPROVED BY John T. Hanna	19-70 FY-2	19_71 FY-1	FISCAL) 1st Q 2nd Q	FISCAL YEAR 19 72 2nd Q 3rd Q	4th Q	TOTAL	19 73 FY+1	$\frac{19 74}{\mathrm{FY} + 2}$
6a. EFFEC	EFFECTIVENESS										
6b. OUTPUT	Ŀ	د د									
		•									
7. RESP.	8. STD.	9. TA	TASKS & MILESTONES								
	TTP		(Communed) d. Medical Self Help	69, 097	43,210	10,000 10,000	000 10,000	10,000	40,000	40,000	40,000
EMS Supervisor	or 311	و. در	Communications								
		; -	1. Mobile Operators	5,000	2,500	250	250 250	250	1,000	500	500
		ب م	2. Base Station Operators	069	24				45	30	30
		; - :	. Ease Station Operators	690	24				45	30	30
		21	2. Central Dispatching Operators	-							
	311	7. De	Defensive Driving Course (Number Certified)	500	500	250	250 250	250	1,000	1,500	2,000
Supervisor	310	8. Re	Record System for evaluation of our EMS program			Survey Design	ign				
EWD											
10. DESCRIPTION the National Safety C implement a comprel will enable the Office Services to measure Services Program m continue the Hospital cooperative effort wi ment and local city g ine and traffic, desig	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 Depart- ment and local city governing bodies, administrat	ued) as 1 (5) To d (5) To d record 4 record 4 re	presented by esign and system that Medical (6) To rogram, a hway Depart- , administrat irect route LOCAL SHARE								
Due to the services recoi will not be fea	Due to the lack of sufficient emergency medical services records from political subdivisions, it will not be feasible to measure effectively all the	ent emei cal subd re effect							<u></u>		

HIGHWAY SAFETY PROGRAM ANNUAL SUBFLEMENT PLAN	1. STATE VIRGINIA 2.	TITLE	Emergency Medical Services	Medical	3. NO.46-72-11-05	4.	DATE2/10/71	11/
	5. DRAFTED BY S.S. Hellman, Supervisor APPROVED BY John T. Hanna	$19\frac{70}{FY-2}$	$\frac{19}{FY-1}$	FISCA 1st Q 2n	FISCAL YEAR 1972 2nd Q 3rd Q 4th Q	TOTAL.	1973 19 FY+1 F	19 74 FY + 2
6a. EFFECTIVENESS								
6b. OUTPUT C								
7. RESP. 8. STD. 9. TA	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	and to evaluate deto evaluate l'have to be system or ds will be sure the determined es in the solution of the							
Commonwealth, and the number of certified emergency medical care personnel. The State Emergency Medical Services Pro- gram will be implemented by the supervisor of Emergency Medical Services of the Division of Special Health Services, State Department of	ertified 12. TCTAL COST EVICES Pro- ervisor of FEDERAL SHARE STATE SHARE FEDERAL SHARE FEDERAL SHARE TO LOCALITIES							

1564	12/0	19 74 FY+2						<u> </u>		
1 00	DATE 2/10/71		+							
		L FY+1	+	-			- <u> </u>			
		TOTAL								
	NO. 46-72-11-06	4th Q								
	NO. 46-7	FISCAL YEAR 1972 2nd Q 3rd Q								
	3. 1	CAL YE 2nd Q		<u> </u>					 	
	cal	FISC 1st Q 2						- <u>'e</u>		· · · · · ·
	Emergency Medical Services						 	- 		
	nergen(Se	19 <u>71</u> FY-1							 	
	TITLE ^{E1}	1970 FY-2								
	2. TI	sor								
	E VIRGINIA	DRAFTED BY S. S. Hellman, Supervisor APPROVED BY John T. Hanna				TASKS & MILESTONES			11. COST BY TASK	12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES
	STATE	DRAF				S & MIL			system	
	-i	5.				TASK			Health. record gram.	
	GRAM PLAN			υ	>	-6 			10. DESCRIPTION (continued) Health. The development of a traffic record system will enable us to evaluate our program.	
	HIGHWAY SAFETY PROGRAM ANNIAL SUBELEMENT PLAN		EFFECTIVENESS			. STD.			ON (cor. ent of a evaluate	
	I SAFE SUBE I		FECTIV		OUTPUT	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			CRIPTI velopm to us to c	
	GHWA'				- 1	RESP.			DES The de l enable	
	H		6a.		6b.	7.			 10. will	

	6 7 8 9 10								 																				
TASKS	4 5		1,210	218			218		 		 	 				 -+													
-	с С			65			65		 											 	 								
	2						_		 											 		<u> </u>							
	1								 		 					 -				 									
	TOTAL		1,275	283	218		283				ļ																		
SUBELEMENT SUPPLEMENT		13. D Standard: 311	-	F.		R Prev. Obligations	Ncw Obligations	S	U Federal	T To Localities	O New Obligations	N Standard:	Total	n Federal	v To Localitics		2 S	-	Ē	D Prev. Obligations	Ē	Ē	D To Localitics	Prev. Obligations	Local Costs by Object	Salarics	Per Diem and Travel	Contracts Fourinment	

Title and No. 46-72-11-08	Date	19 70	19 71			Fiscal Year	r 72		<u>19_73</u>	19_74
Emergency Medical Services 311	2/10/71	FY-2	FY-1	1st Qt.	2nd Qt.	3rd Qt.	4th Qt.	Total	FY+1	FY+2
6a. EFFECTIVENESS										
*Number of fatalities among reported injured	injured									
								• 7		
1,										
2.										
IV-116										
3.										
4. •										
5.										
*Data will be available upon completion of new traffic records system 6.	of new traf	fic record	s system.							

EFFECTIVENESS SUPPLEMENT TO THE SUBELEMENT

HIGHWAY SA ANNIAL SUF	HIGHWAY SAFETY PROGRAM ANNIAL SIIRELEMENT PLAN	MM	1. STATE		VIRGINIA	2. TIT	TITLE ^{Highv}	Highway Design, Con tion and Maintenance	Highway Design, Construction and Maintenance	, m	NO. 46-72-12-02	3-12-02	4.	DATE 2/10/71	10/71
			5. DRAFTED BY APPROVED B	DRAFTED BY APPROVED BY	Walter Douglas John T. Hanna		$\frac{19}{\mathrm{FY}-2}$	19 <u>71</u> FY-1	FIS 1st Q	FISCAL YEAR 19 72 2nd Q 3rd Q	AR 19 72 3rd Q	4th Q 7	TOTAL.	$19 \frac{73}{FY+1}$	19 <u>74</u> FY +2
6a. EFFEC	EFFECTIVENESS														
		c													
6b. OUTPUT	T	Λ													
7. RESP.	8. STD.	9. TA	TASKS & MILESTONES	STONES								<u> </u>			
USH UDH	312	3. Cor	3. Continued					·							
			D. Laprovei crossing E. Improve	ment to n maintena	unprovement to nazardous railroad grade crossing Improve maintenance procedures to provide	rade rowide	Imple.	Imple.					Imple.	Imple.	Imple.
				safety on of mis	greater safety Installation of miarcheal of hoost one of model	f amonial	Imple.	Imple.	· · · ·				Imple.	Imple.	Imple.
			and the second			apectat	Imple.	Imple.					Imple.	Imple.	Imple.
			 G. Modernization of safety standards H. Improved guide s 	zation of andards andards I guide si	Modernization of guardrail to meet current safety standards Improved guide signing to hospitals	rrent	İmple. Devel.	Imple. Imple.			······································		Imple. Imple.	Imple. Imple.	Imple.
HCV	312	4. De so	velop a progr nnel in emeri	ram to tr: gency pro	Develop a program to train highway operations per- sonnel in emergency procedures for summoning aid	ns per- ing aid		Devel.		 - 		<u></u>	Imple.	Imple.	Imple.
10. DESCRIPTION	PTION]	gunnano ta n	11. C	11. COST BY TASK	sous sues									
							<u></u>		· · · · · · · · · · · · · · · · · · ·	- <u> </u>	· · · · ·				
				12. 51 7 7 8 6 6	TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES										

HIGHWAY SA ANNIAL SHE	HIGHWAY SAFETY PROGRAM ANNIAL SHIRELEMENT PLAN	AM 1. STATE	VIRGINIA	2. TITLE		Highway Design, Con tion and Maintenance	struc- 3.	NO. 46-72-12-03	-03	D.A.T.E. 2//10//71	12/01/
			DRAFTED BY Walter Douglas APPROVED BY John T. Hanna		15 70 FY-2	1971 FY-1	FISCAL YEAR 19 ⁷² 1st 0 2nd 0 3nd 0	CAR 19 72 3rd 0 _ 4th 0	TOT.	1.1.1	19.74 1.%
6a. EFFEC	EFFECTIVENESS						ľ			4	3 + - -
		U									
INJINO .00		۷									
7. RESP.	8. STD.	9. TASKS & MILESTONES	STORES								
HCI V HCI V	312	5. Program to review design safety features	eview design criteria for adequacy of ss	quacy of		Design			Imple.	limple.	līmple.
HCIA	312	6. Training pro sion of safety	Training program for design personnel on the inclu- sion of safety features in new highway projects.	the inclu- jects.		Devel.			Train	Train	Traim
HCIA	312	 T. Design of roadways A. Personnel I. Civil Engir Draftsmar 	n of roadways Personnel 1. Civil Engineer (10% of his time) 2. Draftsman		8 8	 ጽ ଛ		<u></u>	25 35	11 9	
10. DESCRIPTION	PTION		11. COST BY TASK \$	\$(000)							
			7. Design		230	230		<u></u>	235	9 H M	
			12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES								

5. DRAFTED BY Walker E. Douglas (WLH) 19 71 FFX-2 FY-1 Ist Q 2nd Q APPROVED BY John T. Hama FY-2 FY-1 Ist Q 2nd Q TASKS & MILESTONES Foundation 15% local cost) 1 FY-2 FY-1 Ist Q 2nd Q TASKS & MILESTONES Foundation 15% local cost) 1 1 FY-2 1 FY-2 1 FY-2 2nd Q Maintenance Losstruction (15% local cost) 1 <th>HIGHWAY SAFETY PROGRAM ANNIAI SUITELEMENT DI AN</th> <th>MM</th> <th>1. STATE</th> <th></th> <th>VIRGINIA</th> <th>2. TITI</th> <th>Highw: LEtion an</th> <th>Highway Design, Con TITLE tion and maintenance</th> <th>Highway Design, Construc- tion and maintenance</th> <th></th> <th>NO. 46-</th> <th>NO. 46-72-12-04</th> <th>+</th> <th>DATE 2/10/71</th> <th>/10/71</th>	HIGHWAY SAFETY PROGRAM ANNIAI SUITELEMENT DI AN	MM	1. STATE		VIRGINIA	2. TITI	Highw: LEtion an	Highway Design, Con TITLE tion and maintenance	Highway Design, Construc- tion and maintenance		NO. 46-	NO. 46-72-12-04	+	DATE 2/10/71	/10/71
TTVE.NESS T T T S. STD. 9. TASKS & MILESTONES 9. TASKS & MILESTONES 312 8. Construction (15% local cost) 312 9. Maintenance TOOR BY TASK \$(000) 8. Construction PTION 11. COST BY TASK \$(000) 8. Construction PTION 11. COST BY TASK \$(000) 8. Construction PTION 11. COST BY TASK \$(000) 9. Maintenance 11. COST BY TASK \$(000) 11. COST BY TASK \$(000) 11. COST BY TASK \$(000) 11. COST BY TASK \$(000) 12. TOTAL COST 12. TOTAL COST 12. TOTAL COST 12. TOTAL STARE FIDERAL STARE FIDERAL STARE				FTED BY ROVED BY	Wal ter E. Douglas John T. Hanna	(MLH)	$19 \frac{70}{FY-2}$	19 71 FY-1	0	SCAL YE	EAR 19 75 3rd Q	4th Q	TOTAL.	$\frac{19}{\text{FV}+1}$	$\frac{19}{FV+2}$
T R. STD. 9. TASKS & MILESTONES 8. Construction (15% local co 312 9. Maintenance PTION 11. COS 9. Maintenance 9. Maintenance 5. Con 9. Maintenance											·				
V V 8. STD. 9. TASKS & MILESTONES 312 8. Construction (15% local co 312 9. Maintenance 9. Maintenance		C													
8. STD. 9. TASKS & MILESTONES 312 8. Construction (15% local co 312 9. Maintenance B. Construction 11. COS PTION 11. COS STA 9. Maintenance STA 12. TOT FED 5. Maintenance	TUTIO	V													
312 8. Construction (15% local co 312 9. Maintenance 8. Con 8. Con 9. Maintenance 9. Maintenance	RESP. 8. STD.		SKS & MI	LESTONES											
312 9. Maintenance PTION 11. COS 8. Con 9. Maintenance 5. TOT 12. TOT 5.			nstruction	1 (15% local	cost)								_		
DESCRIPTION 11. COS 8. Con 9. Mai 12. TOT 5TA FED		9. M	aintenance	•											
DESCRIPTION 11. COS 8. Con 9. Mai															
DESCRIPTION 11. COS 8. Con 9. Mai						·····	····	<u> </u>	·					<u> </u>	
DESCRIPTION 11. COS 8. Con 9. Mai									··						
TO LOCALITIES				, si l	COST BY TASK \$(00) Construction Federal Urban Topics State Arlington and Henri Maintenance COTAL COST COTAL COST COTAL SHARE TATE SHARE TO LOCALITIES TO LOCALITIES	0) 00 Co.							4, 234 3, 398 15, 000 4, 000 16, 000	4, 500 3, 700 16, 000 5, 000 17, 000	5,000 4,000 17,000 5,000 18,000

Highway Design, Con- 2. TITLEstruction and Maintenance. No. 46-72-12-054. DATE 2/10/71																			-							-								
6-72-12-05 1.																													<u>.</u>					
. No. 4		10																									_							
on- tenance		6	26,632 16,000																															
Highway Design, Con- struction and Maintena	_	8	26,632		 															_														
tway De ction an	_	7	295		 												1-																	
High LEstru	_	9			 																													
2. TIT	TASKS	5			 																													
		4																		_											·			
VIRGINIA		3	÷		 												_																	
VIRC		2			 																													
TE		1																																
1. STATE		TOTAL	42.927		 																													
HIGHWAY SAFETY PROGRAM	SUBELEMENT SUPPLEMENT		D Standard: 312 I Total (\$000)	al	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	v To Localities	Prev. Obligations	New Obligations	Stan	T Total	A Federal	N To Localities	D Prev. Obligations		A IUtal R Foderal			Local Costs by Object	Salaries	Per Diem and Travel	Contracts	Equipment	Supplies	Maintenance and Operations
HIGH	SUBE		13.									_							_									14.			<u> </u>			

EFFECTIVENESS SUPPLEMENT TO THE SUBELEMENT

1974	FY+2										
1973	FY+1										
	Total		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,								
- 72	4th Qt.										
Fiscal Year	3rd Qt.										
Ц.	2nd Qt.										
	Ist Qt.										
1971	FY-1										
19 70	FY-2										
Date	2/10/71				/8						
Title and No. 46-72-12-06	Highway Design, Construction and Maintenance 312	. EFFECTIVENESS	Accidents Deaths Economic loss	due to roadway design defects	Accidents Deaths Economic loss due to poorly constructed roadways	Accidents Deaths Economic loss	due to poorly maintained roadway				
Ц		6a.		.	3 .	IV-122	ň	L	4.	ີ ນ	9

1572

Sheet L of 3

HIGHWAY SAFETY PROGRAM	RAM 1. XXXXXXX	r State of Virginia	2. TITLE		Highway Design, Construction and Maintenance	ign, n and	3. >>	NO. 46-72	46-72-12-07	*r	DATE 12/4/70	/4/70
	5. DRAFTED BY APPROVED B	DRAFTED BY L. W. Tyus, Jr. APPROVED BY John T. Hanna		19 <u>70</u> FY-2	1971 FY-1	1st Q	FISCAL YEAR 1972 2nd Q 3rd Q		4th Q	TOTAL	1073 FY-1	10.74 FY -2
Gu. EFFECTIVENESS	Accident Frequency h Miles on State High	Accident Frequency Rate/100 Million Vehicular Miles on State Highway System		347	347					345	343	340
	C Design, Construction	Highway struction Maint.; (% System)		$\backslash $	0.87	\backslash	$\left \right $	$\left \right\rangle$		100	$\sqrt{2}$	0.83//
6b. OUTPUT		Maint.;		0.296.0	0.442	\setminus				0.367	0.585-0	.431 .63
7. RESP. 8. STD.	9. TASKS & MILESTONES	STONES										
Design 312.	1. Design (Miles)											
	A. Interstate System	system		72.1	96.9	8.2	°.3	8.3	8.3	33.1	35.4	65.3
	E. Primary System	stem		102.6	154.9	37.5	37.5	37.5	37.5	150.0	150.0	150.0
	C. Secondary System	System	·····	101.2	173.2	35.8	41.2	38.2	50.4	165.6	180.6	197.1
	D. Urban System	.cm		20.1	16.8	4.6	4.6	4.6	4.7	18.5	18.5	13.5

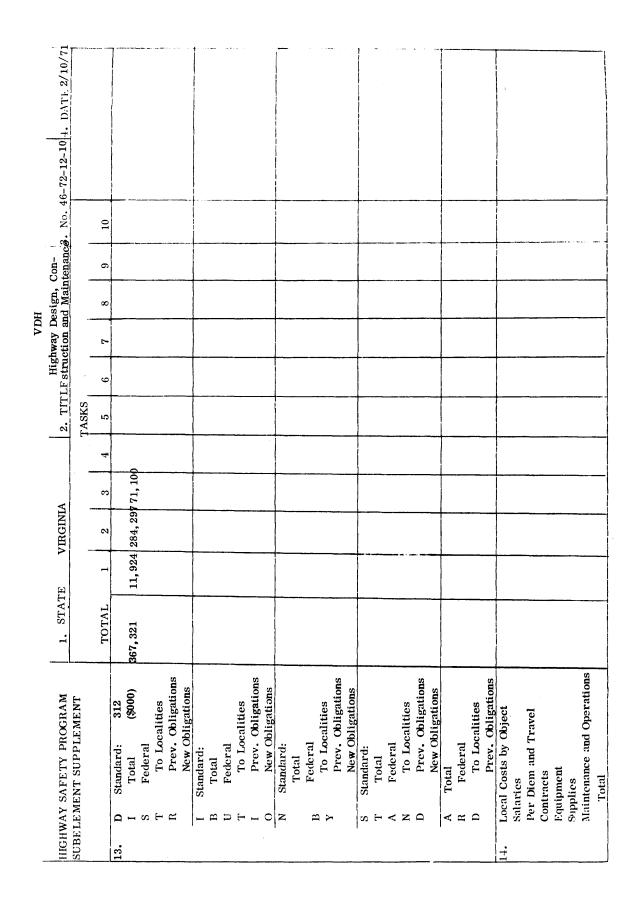
10. DESCRIPTION		11. COST BY TASK	(000)									
The long term goal is to reduce the number of accidents including fatali- ties, personal injuries and property damage through adequate design, con- struction, and maintenance of all roadwa	The long term goal is to reduce the number of accidents including fatali- ties, personal injuries and property damage through adequate design, con- struction, and maintenance of all roadways	I i. Interstate System 2. Primary System 3. Secondary System 4. Urban System		3,556 2,935 1,440 1,099	5,376 3,841 1,502 1,555	1,199 999 480 404	1,199 999 447 404	1,199 999 242 404	1,199 999 347 404	4,796 3,995 1,516 1,617	3,813 4,155 1,653 1,663	2,835 4,321 1,761 1,749
		12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES	(, 000)	285,475	373,612	93,041 9	92, 386	91,474 9	90, 422 3	.367,321	351,913	338, C65

Image: Construction in the image of the image o	HIGHWAY SAFETY PROGRAM		UXVXX State of XXXXXXXXX	of Virginia	2. TITLE	Highv Const Maint	Highway Design, Construction and Maintenance	gn, and		NO. 46-72-12-08	-12-08	·r	DATE 2/10/71	/10/71
Triveness Arrent Manuel FY-2 FY-1 Ist Q 2nd Q 4th Q TOTAL FY-1 1st Q 2nd Q 4th Q 2nd Q 2nd Q 2nd Q 2nd Q 2nd Q 2nd Q 2nd Q		5.			16		<u>11</u> 6	FIS	CAL YE	AR 1972			1973	1974
Truck Transmist Special field of Field Fiel	-	AF	PROVED BY JC	ohn T. Hanna	Ŀ,		1-Y-1	st Q	2nd Q	3rd Q	ð	TOTAL	1-7.1	EVac
$ \frac{C}{12} = \frac{C}{12} \frac{C \text{ construction}; 1 \text{ of Highwy System}}{V \text{ construction}; \text{ Miles}} = \frac{0.58}{296} \frac{0.87}{4.2} = \frac{0.72}{2} \frac{0.75}{205} = \frac{0.72}{200} \frac{0.72}{200} = \frac{0.72}{200} = \frac{0.72}{200} \frac{0.72}{200} = \frac{0.72}{200} = \frac{0.72}{200} \frac{0.72}{200} = 0.72$	EFFECTIVENESS	Accident Frequen Miles on State H	icy Rate/100 Mill Lighway System	ion Vehicular		347	347					345	343	34.0
T V Construction ; Miles 296 442 367 367 367 367 365 8. STD. 9. TASKS & MILESTONES 2. construction (Miles) 2 2 2 2 2 2 311 312 2 2 313.1 313.1 314.1 317.5 316.5 118.5 310.6 1 316.6 1 317.5 317.5 317.5 317.5 317.5 317.5 317.5 317.5 317.5 317.5 317.5 317.5 317.5 317.5 317.5 317.5 317.5		Cor	on; % of Highwa	ly System	.0	58	0.87					0.72	~	∞,
8. STD. 9. TASKS & MILESTONES 312 8. construction (Miles) 312 8. rimary System 312 8. rimary System 312 8. rimary System 5. construction (Miles) 7.1 96.9 8.2 8.3 8.3 33.1 36.4 7. Ubbustones 0. Ubbustones 102.6 132.2 37.5 37.6		1	on; Miles		25	96	442					367	356	431
D. 0. undatistration 3. Administration 3. Administration B. Primary System B. Primary System B. Primary System B. Primary System D. Urban System C. Secondary System D. Urban System D. Urban System D. Urban System B. Primary System D. Urban System B. Standary System D. Urban System B. Standary System DESCRIPTION II. COST BY TASK D. Urban System B. Standary System D. Standary System B. Standary System D. Standary System D. Standary System D. LOCAL SHARE D. Standary System <td< td=""><td>en en</td><td>TASKS &] 2. Const A. B. C.</td><td>MILESTONES ruction (Miles) Interstate Syste Frimary System</td><td>fi _</td><td></td><td></td><td>96.9 54.9 16.8</td><td>8.2 37.5 4.6</td><td>8.3 37.5 41.2 4.6</td><td>8.3 37.5 4.6</td><td>8.3 37.5 4.7</td><td>33.1 150.0 165.6</td><td>36.4 150.0 180.6</td><td>65.3 150.0 197.1</td></td<>	en en	TASKS &] 2. Const A. B. C.	MILESTONES ruction (Miles) Interstate Syste Frimary System	fi _			96.9 54.9 16.8	8.2 37.5 4.6	8.3 37.5 41.2 4.6	8.3 37.5 4.6	8.3 37.5 4.7	33.1 150.0 165.6	36.4 150.0 180.6	65.3 150.0 197.1
DESCRIPTION 11. COST BY TASK 84, 307 127, 451 28, 425 28, 425 28, 425 28, 425 28, 425 37, 26, 450 37, 26, 25, 25, 425 37, 26, 25, 25, 425 37, 26, 25, 25, 425 37, 26, 25, 25, 425 37, 26, 25, 25, 25, 25, 25, 25, 25, 25, 25, 25		D. Admin B. D.	Urban System Listration Interstate Syste Primary System Secondary System Urban System	ŧ _))) • F))) • •
DESCRIPTION 11. COST BY TASK 127,451 28,425 28,425 28,425 28,425 28,425 28,425 113,700 90,400 400 <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>														
A.1. Interstate System 84, 307 127, 451 28, 425 28, 425 28, 425 113, 70d 90, 400 60, 400 2. Frimary System 52, 087 81, 261 21, 125 21, 125 21, 125 21, 125 84, 500 87, 950 87, 950 87, 950 87, 950 84, 500 87, 950 87, 950 87, 950 87, 950 87, 950 97, 950 96 97, 950 96 97, 950 97, 950 97, 950 97, 950 97, 950 96 97, 950 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>CHIL)</td><td>(SUNASU)</td><td></td><td></td><td></td><td></td></td<>									CHIL)	(SUNASU)				
B-1. Interstate System 8,627 12,969 2,894 2,895 2,895 11,531 9,220 2. Primary System 6,355 8,264 2,148 2,148 2,148 2,145 8,664 8,970 3. Secondary System 2,350 872 2,369 2,148 2,148 2,145 8,664 8,970 3. Secondary System 2,332 3,341 872 2,145 8,664 8,970 3. Secondary System 2,332 3,341 872 3,473 3,640 4. Urban System 2,332 3,341 872 872 3,473 3,640 TOTAL COST 10 CAL SHARE 872 3,473 3,640 3,640 TOLAL SHARE TO LOCAL SHARE 70 LOCALTIES 70 LOCALTIES 3,640			A-1-	nterstate System Trimary System econdary System rban System	23252				28,425 7,551 8,550	28,425 21,125 4,091 8,550	28,425 21,125 8,550 8,550	113,700 84,500 25,513 34,200	90,400 87,900 27,900 20,000	0 0.010
			1004	nterstate System rimary System econdary System rban System	ิ ๛ ํ๛ ํ๛ํ๛๎				2,894 2,148 772 872	2,895 2,148 425 872	2,895 2,148 602 872	11,531 8,665 3,473	9,220 9,970 9,640 9,640	
				AL COST AL SIARE TE SHARE ERAL SHARE LOCALITIES										

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DATE 2/10/71	19 73		100	51445 51	1	895	7800 7	42,600 42,75042,900	9100 10 26400 27 39100 41	
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NO. 46-72-12-69				_					 2,300 2 7,200 6 10,600 9	
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Highway Design Construction, Maintenance	19 71 FY-1	347	100	50,977		747	7,780	42,450	 7,400 24,138 36,114	
1	19_70 1 FY-2 1		100	50,733 5		660	7,770	42,303 4	 6,357 23,358 24 32,920 36	
PROGRAM 1. KKXX Virginia Department 2. TITLE ENT PLAN 2. TITLE	5. DRAFTED BY C. O. Leigh APPROVED BY	ESS Accident Frequency Rate/100 Million Vehicular Miles on State Highway System	0/0	V Number of Miles Serviced	STD. 9. TASKS & MILESTONES	312 A. Interstate System	B. Primary System	C. Secondary System	<pre>11. COST BY TASK (\$1,000) 111 1. Interstate System 2. Primary System 3. Secondary System 3</pre>	12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES
EIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN		6a. EFFECTIVENESS			7. RESP. 8. S	Maintenance 31			10. DESCRIPTION	

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HIGHWAY SAFETY PROGRAM	ETY PROGRA	1.	STATE	VIRGINIA	2. TIT	TITLE Traffi	Traffic Control Devices Cities	Devices	3. 1	NO. 46-72-13-01	2-13-01	4.	DATE 2/10/71	/10/71
		5.	DRAFTED BY Walter E. APPROVED BY John T.	DRAFTED BY Walter E. Douglas APPROVED BY John T. Hanna	as (WLH)	$19\underline{70}$ FY-2	19 <u>71</u> FY-1	FIS 1st Q	SCAL YE 2nd Q	FISCAL YEAR 19 <u>72</u> 2nd Q 3rd Q	4th Q	TOTAL	197 <u>3</u> FY+1	$19\frac{74}{FY+2}$
6a. EFFECTIVENESS	IVENESS					SEE		VENESSS	UPPLEI	MENT TC	D THE S	EFFECTIVENESS SUPPLEMENT TO THE SUBELEMENT	TNE	
6b. OUTPUT		C Per cent (V No. of TCI	C Per cent of TCD inventoried V No. of TCD inventoried for ne	C Per cent of TCD inventoried and improved * V No.of TCD inventoried for needs and deficiencies	d * ciencies *									
7. RESP. 8	8. STD.	9. TASKS	TASKS & MILESTONES	ES					·					
HSD	313	1. Develo Device	p a program t s to identify n	Develop a program to inventory Traffic Control Devices to identify needs and deficiences.	c Control es.	Study	Study	Devel.					Imple.	Imple.
HSD	313	2. Establi install corforn	Establishment of a priority install Traffic Control Devi corformance with approved	Establishment of a priority program to upgrade and install Traffic Control Devices for safety and for conformance with approved standards.	upgrade and ety and for		Study	Estab.	<u></u>	<u> </u>			Imple.	Imple.
HSD	313	3. Develoj determ can con ations, versible	Develop a program to study determine where Traffic Er can contribute to safety. (e. ations, turn restrictions, p versible lanes, turning lane	Develop a program to study roadway systems to determine where Traffic Engineering Improvements can contribute to safety. (e.g. one-way street oper- ations, turn restrictions, parking restrictions, re- versible lanes, turning lanes and signal coordination	roadway systems to ngineering Improvements g. one-way street oper- arking restrictions, re- s and signal coordination.)		Devel.	Imple.	<u> </u>				Imple.	Imple.
10. DESCRIPTIO traffic control d to reduce the nu: personal injurie: insufficient and j control devices. Programs are	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 undate freeffe com-	g term goal c gram in Virg scidents, fata erty damage intained traff tablished in th	II	COST BY TASK \$(000) 1-7 Planning and Development	\$(000) Development	თ	ŝ	· · · · · · · · · · · · · · · · · · ·				55	55	25
trol devices in compliance with standards prom-12. ulgated by the NHSB.	n compliance NHSB.	with standar	ds prom-12.	TOTAL COST	\$(000)	3,623	3,982	1, 866	1, 866	1, 866	1,865	7,463	8,952	9,968
Local traffic engine Virginia Department of the proper installation traffic control devices.	Local traffic engineers will work with the Virginia Department of Highways to insure the proper installation and maintenance of all traffic control devices.	will work wi ghways to in maintenance	th the sure of all	STATE SHARE FEDERAL SHARE TO LOCALITIES	E Si	3,623 0 0	3,982 0 0	1, 858 7.5 7.5	1,858 7.5 7.5	1, 858 7.5 7.5	1,859 7.5 7.5	7,433 30 30	8,852 100 100	9,868 100 100
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* Data will be available upon completion of new traffic records system.

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HIGHWAY SA	HIGHWAY SAFETY PROGRAM A NNIA I SITRE I EMENT DI AN	AM 1.	STATE	VIRGINIA	2. TITLE		Traffic Control Devices Cities	Devices	3. NO. 46	NO. 46-72-13-02	4.	DATE2/10/71	10/71
		5.	DRAFTE APPROV	DRAFTED BY Walter Douglas APPROVED BY John T. Hanna		1970 FY-2	1971 FY-1	FIS(1st Q 2	FISCAL YEAR 19 72 2nd Q 3rd Q	- <u>7</u> 2 4th Q	TOTAL	1973 FY+1	1974 FY +2
6a. EFFEC	EFFECTIVENESS												
		c											
6b. OUTPUT	T	>											
7. RESP.	8. STD.	9. TASKS	TASKS & MILESTONES	TONES									
ПЗН	313	4. Estab made	olish a prog at Traffic	Establish a program for before and after studies to be made at Traffic Control Device locations.		Study	Devel.	Imple.	<u></u>			Imple.	Imple.
ПЗН	313	5. Establ schedd specti	olish a Mai Nule of prev on for beth	Establish a Maintenance Program. (includes a schedule of preventive maintenance, repair and in-spection for both daytime and nighttime effectiveness.)	i in- eness.)	Estab.	Imple.	Imple.				Imple.	Imple.
ПЗН	313	6. Devel prope and in	Development of a proper speed zon and investigation.	Development of a program for studies to determine proper speed zoning based on Traffic Engineering and Investigation.		Estab.	Imple.	Imple.	- <u></u>			Imple.	Imple.
ПЗН	313	7. Establis ing proc Devices.	blish speci rocedures es.	Establish special technical training in traffic engineer ing procedures and in proper use of Traffic Control Devices.		Devel.	Imple.	İmple.				[mm]	 []
10. DESCRIPTION	PTION			11. COST BY TASK								nubre.	1mp1e.
A data sy Traffic Reco evaluate ou system will to their nee	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.	developed by e enabling us re effectively nform the ci antrol device	y. This y. This fices as				· · · · · · · · · · · · · · · · · · ·						
				12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES									

HIGHWAY SAFE'TY PROGRAM ANNIIAI, SUBELEMENT PLAN		STATE	VIRGINIA	ПА 2.	TITLE TITLE	Traffic Control Devices Cities	l Devices	3. NO. 4	NO. 46-72-13-03	3 4.	DATE 2/10/71	12/01/
	<u>ີ</u>	DRAFTED BY APPROVED BY	/ Walter Douglas 3Y John T. Hanna	uglas Hanna	1970 FY-2	$\begin{bmatrix} 19 & 71 \\ FY-1 \end{bmatrix}$	FIS ist Q	FISCAL YEAR 19 ⁷² 2nd 0 3rd 0	19 <u>72</u> 0 4th 0	TOTAL.	1973 FV+1	$19\frac{74}{FV+2}$
6a. EFFECTIVENESS												1 1 1 1
6b. OUTPUT	C C											
7. RESP. 8. STD. Local Govern. 313	 TASKS & M Personnel Personnel Traffic Traffic Uperini C. Superini D. Traffic 	TASKS & MILESTONES Fersonnel A. Traffic Engineers (15%) B. Traffic Sign Personnel C. Superintendents traffic s maintenance D. Traffic signal repairmen	cs (15%) mne! raffic sign an irmen	SKS & MILESTONES srsonnel Traffic Engineers (15%) Traffic Sign Personnel Superintendents traffic sign and parking meter maintenance Traffic signal repairmen	54	25				- 30 500 20	30 550 24 220	33 800 250 250
Local Govern, 313	9. Procure A. Generi E. Passer C. Hydra	Procure Equipment A. General purpose trucks E. Passenger cars C. Hydraulic ladder trucks	rucks rucks (signai)	-	23 5	28 12 6				10 12	20 10	20 10
10. DESCRIPTION		11 98 99	COST BY TASK \$(8. Personnel 9. Procure Equipment	ASK \$(000) Quipment	1,500	1,600				1, 779 507	2, 000 400	2,500
		51	TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES	ST ARE RE SHARE JTIES								

158(/71	197 <u>4</u> FY+2							4	30	30		3,000	4,000	2 00]
TOO:	DATE 2/10/71	1973 19 FY+1 F							4	25	25			4,000 4, 16 4,	9	 		
	4. DA										~~~~~				. 4	 		
		TOTAL,							en 	50	. 25		2, 129	3,000	· ·			
	72-13-0	2 4th Q																
	NO. 46-72-13-04	FISCAL YEAR $19\overline{72}$ 2nd Q 3rd Q																
	т. г.	CAL YE. 2nd Q														 		
	evices	FISC 1st Q 2																
	Traffic Control Devices Cities															 		
	lffic Cor Cities	19 71 FY-1								15	50		1,900	11	3.5			
		1970 FY-2								10	15		1, 700	00				
	2. TITLE								stem				ions	stem	s. u.			
	VIRGINIA	DRAFTED BY Walter Douglas APPROVED BY John T. Hanna				TASKS & MILESTONES	Maintenance and Operations A. Traffic paint	Signs and markings Signal equipment	Study and installation of computerized signal system (topics)	Traffic Engineering short course 3 wks. No. of men attending	Traffic Engineering short course VPI and State University 1 week	11. COST BY TASK \$(000)		11. Computerized Signal System		 12. TOTAL COST	LOCAL SHARE STATE SHARE	FEDERAL SHARE TO LOCALITIES
	STATE	DRAF				s & MII	uintenance and Traffic paint	igns and ignal eq	y and insta (topics)	fic Engi No. o	fic Engineer University							
	ī	5.				TASK	10. Mai A. T	C. S C. S	11. Stud	12. Trai	13. Trai							
	CRAM PLAN			U	>	<u> </u>	H	•	+-i		H							
	ETY PRC		EFFECTIVENESS	_		8. STD.	313		313	313	313	TION						
	HIGHWAY SAFETY PROGRAM ANNITAL SITRELEMENT PLAN		6a. EFFECT		00. UUIFUI	7. RESP.	Local Govern		Local Govern	Local Govern	Local Govern	10. DESCRIPTION						

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HIGHWAY SAFETY PROGRAM ANNIAL SHIFFLEMENT DI AN	Ţ.	STATE VIRGINIA	2. TITLE Tr	Traffic Control Devices Cities	ol Devices	3.	NO. 46-72-13-05		4. DAT	DATE 2/10/71
	5.	DRAFTED BY Walter Douglas APPROVED BY John T. Hanna	19 <u>70</u> FY-2	1971 FY-1	Ist Q	FISCAL YEAR 19 2 2nd 0 3rd 0		4th Q TOTAI.	AL FY-1	3 19 74
6a. EFFECTIVENESS) 	-			-+	
6b. OUTPUT	C C									
7. RESP. 8. STD. 9 Local Govern, 313	9. TASKS 14. Traini (a clai	TASKS & MILESTONES Training in Evaluation of Highway Accident Studies (a classroom and on the site training course for	dies							
	traffi	traffic engineering persons)	Imple.	Imple.	Imple.	Cont. C	Cont. (Cont.	Imple.	e. Imple.
Tratfic Records 313 Committee	15. Desig	Design Data System for evaluation of program.		Survey	Analysis	Analysis Analysis Design	esign Imple.	le.	Imple.	e. Imple.
					,					
10. DESCRIPTION		 COST BY TASK \$(000) Training Course Design Data System 	en	4	-			1.5 4.5	ى ا	ີ ນີ້
		12. TOTAL COST LOCAL SHARE STATE SHARE FEDE RAL SHARE TO LOCALITIES								

Jabel Leman Jour Leman TOTAL 1 2 13. D Standard: 313 7,463 25 5 Federal 300 38 18 7 Total (\$000) 7,463 25 5 Federal 30 18 30 18 7 To Localities 30 18 30 18 8 Prev. Obligations 30 18 30 18 1 Standard: 30 18 30 18 1 Prev. Obligations 30 18 5 1 Preve. Obligations 30 18 1 Preve. Obligation	m	4 2 2	2 C	~	8 1,779 0	9 507	10 2,129 0	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		14 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
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l VDH	F] 1st Q		NA			ю – –	180 310 35		750		
Traffic Control Devices	$19\frac{71}{FY-1}$	73	NA	50	Design	ю н н	170 302 30	20	2, 800	3, 864	3, 864
TITLE Devices	1970 FY-2	64	NA	20	Study	ю н н	170 302 30	ကာထ	2,600	3,840	3, 840
1. STATE VIRGINIA 2.	5. DRAFTED BY Jesse Bullock (WLH) APPROVED BY John T. Hanna	EFFECTIVENESS No. of accident at improved traffic signal locations since 1969	C $\%$ of traffic signal locations improved since 1969 * v	No. of traffic signal locations improved	STD.9. TASKS & MILENTONES3131. Develop a program to study accident prone locations after improvements have been made	 313 2. Personnel A. Traffic Eng. "A" (\$12,500) B. Traffic Eng. "C" (\$14,500) C. Clerk Steno "C" (\$ 6, 500) 	D. Maintenance (Personnel) E. Pavement Marking (No. of Personnel) F. Traffic Signal Personnel (No. installed)	 13 3. Equipment A. Paint Trucks (\$25,000) B. Pickup Trucks (\$4,000) 	10. DESCRIPTIONOur long-term goal in this standard area is to reduce the number of acci- dents including fatalities, personal injuries and property damage due to lack of and/or improper traffic control devices throughout the state. We plan to improve and update all traffic control devices as needs demand. It is our nolicy unon notes11. COST BY TASK (\$000)10. DESCRIPTIONOur long-term goal in this acci- 2. Personnel2. Personnel2. Personnel planto improve and update all traffic control devices as needs demand. It is our nolicy unon notes2.	12.	STATE SHARE FEDERAL SHARE TO LOCALITIES
HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN		EFFECTIVENE	OUTPUT		RESP. 8. S' VDH 31	VDH 31		VDH 313	DESCRIPTION dard area is to re s including fatalit erty damage due ic control devices to improve our p ove and update al	gh accident location, with the use of	Breakaway signs are i sign locations and also to be made. The Virg
HIG		6a.	6b.						10. stand dents prope traffi traffi an j	of hig cation	Break sign] to be

* Data not available.

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HIGHWAY SA	HIGHWAY SAFETY PROGRAM A NNILAT SHIRELEMENT DI AN	1.	STATE	VIRGINIA	2. TI	TITLE ^{Tra} Dev	Traffic Control Devices	ol VDH		NO. 46-72-13-08	3-13-08	+	DATE 2/10/71	17/01/3
ING TROUND	ra Ingmanac	5.	DRAFTED BY APPROVED BY	Jesse Bulleck John T. Hanna	(MLH)	19 <u>70</u> FY-2	19 71 FY-1	FI 1st Q	SCAL YE 2nd Q	FISCAL YEAR 19 72 2nd Q 3rd Q	4th Q	TOTAL	19 <u>73</u> FY+1	$\frac{19}{FY+2}$
6a. EFFEC	EFFECTIVENESS									·				
		C												
6b. OUTPUT	Ľ	Λ												
7. RESP.	8. STD.	9. TASKS &	TASKS & MILESTONES	2										
HUV	313	3. Equipm C. Elec	3. Equipment (continued)C. Electrical Trucks			9	4					61	2	5
			Sign Trucks Pole Trucks	(\$ 6,000) (\$35,000)		12	0 02					90	0 2	0 O
		F. Drills G. Compr	Drills (\$ 500 Compresser (105 cfm \$8, 000)	(\$ 500) cfm \$8,000)		15	ന ന					ന ന	4 4	4 4
UNU	010	Å						<u></u>)	,
нах	ere	A. Supplies		operations (pencils, paper, etc.)										
		B. Rent C. Travel	I	onths		12	12	en	ი	en	en	12	12	12
10. DESCRI	DESCRIPTION (continued)	(ed)	11.	COST BY TASK (\$000)	(0(+			
has complete	has complete control over all traffic control devices within their inrisdiction which includes	l traffic contri ion which incl				402	159	52.25	52.25	52.25	52.25	209	217	250
all but two of	all but two of Virginia counties. They have limited	es. They have	e limited	Dept. Operations Sumilae		5	å	64	64	70	62	0	¢	- - -
authority in th	authority in the cities. We also plan to work with	lso plan to wo	rk with	Rent		່ຕ		.75	. 75	. 75	. 75		ი ო	۹ ۳ ۳
effective eval	effective evaluation of our program in traffic	e to develop 2 ogram in traf	ffic	Travel		. 400	. 450	. 115	.115	.115	.115	.460	.500	. 550
our program	our program by keeping records on traffic signals	ords on traffic	signals 12.	TOTAL COST										
anticipate mo	anticipate more effective evaluation of our program	luation of our	program	LOCAL SHARE STATE SHARE										
upon completi data system.	upon completion of the states new traffic records data system.	new traffic r	ecords	FEDERAL SHARE TO LOCALITIES						<u>.</u>				
								1						

HIGHWAY S ANNUAL SU	HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN		1. STATE	À	IRGINIA	2. TH	TIT LE Devices	Traffic Control Devices		3	NO. 46-72-13-09	2-13-09	4	DATE 2	DATE 2/10/71
			5. DRAFTED BY APPROVED BY		Jesse Bullock (WLH) John T. Hanna	(H	19 <u>70</u> FY-2	19 71 FY-1	FI 1st Q	SCAL YE	FISCAL YEAR 1972 2nd Q 3rd Q	4th Q	TOTAL	1573 FY+1	1974 FY+2
6a. EFFE	EFFECTIVENESS											, 			
ek Oltrun		с.													
	10	Δ													
7. RESP.	8. STD.	9. TASI	TASKS & MILESTONES	ONES											
HUV	313	5. Tra	Training (on the job) (no cost)	ou) (doi	cost)										
			Traffic Sign Maintenance (no cost)	laintenan	ce (no cost)		40	50					50	55	55
		0. ຕໍ່ເ	Painters Sions (Installation)	ation)			8	55					30	35	40
			Siznal				2 F0	2 α					10	01 Ş	21
			Signal installation	tion		_) (r)	. 4	denana din				707	9	2
HCIV	313	6. Ins	6. Installment Traffic Control Devices	fie Contr	oi Devices										
		Α. Ι	Primary							,					
			Signs	\$30 each			13, 832	14,000					15,000	15, 500	16,000
			w	\$7, 500 each	ų	• •	34	40					50		06
		r.	interstate	4900 0900			C F L	600					010	000	000
			Signals	\$1,300 each	ų		910 1	1		·	1999 19 19 19		3	1	800 1
10. DESCR	DESCRIPTION		,=4	11. COS	COST BY TASK (\$000)						+				
				6. Inst	Install Traffic Control Devices	Devices			- 			•• <i>•••</i>			
				Pr	Primary Signs	_,	415	420	112.5	112.5	112.5	112.5	450	465	480
				1.1			001	300	93. 75	93 75	93. 75	93.75	375	525	675
				TUP	merstate Signs		155	180	48.75	48.75	48.75	48.75	195	210	240
					Signals		1.3	1.3	.975	.975	. 975	.975	3.9	1.3	1.3
			<u> </u>												
				12. TOT LOC STA	TOTAL COST LOCAL SHARE STATE SHARE										
				FED TO	FEDERAL SHARE TO LOCALITIES				·						
			_				-								

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586	DATE 2/10/71	2 197 <u>4</u> 1 FY+2					œ	2	95	30 22 30	20 20		e. Imple.		 	
	DAT	1973 FY+1						4	90	20	15	alumI	Idu		 	
	4.	TOTAL					~ ~	n	85	15	10		_			
	NO.46-72-13-1)	72 4th Q							.			Devel	TOADT		 	
	NU.46-	FISCAL YEAR 19 72 2nd Q 3rd Q											9		 	
	<u>.</u>	TSCAL Y 2nd Q										Analvsi				
	ol VDH	F 1st Q										Survev	for the			
	Traffic Control Devices	19 <u>71</u> FY-1				L	n	2	80 20	$^{10}_{6}$	7					
	1	$\frac{1970}{FY-2}$				L	n	21	76	5.0.2	5				 	
	2. TITLE	(E										valuate			 	
	VIRGINIA	D BY Jesse Bullock (WLH) ED BY John T. Hanna			TONES	7. Studies made by traffic and Safety Division A Bailroad grade encoding	Studies to design and recommend highway	illumination - No. of sites approved	Traffic signals Traffic signals modifications	Flashing caution signals Flashing beacons	Railroad flashing light signals	Development of a data system to effectively evaluate our program		11. COST BY TASK		12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES
	STATE	DRAFTED BY APPROVED BY			WILLES'	made by	ies to de	Ihuminat	Traffic signals Traffic signals	Flashing caution Elashing beacons	road fla	nent of ram			 	
	1. S	5. D			TASKS & MILESTONES	Studies Rail						Develo <mark>pment</mark> our program				
	RAM			د ں	9.	7. S	č m		<u>ප</u> ප	ы́ц.		œ				
	FETY PROG		EFFECTIVENESS	Ē	8. STD.	313						310		NOIL		
	HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN		6a. EFFECI	6b. OUTPUT	7. RESP.	НПИ						Traffic Records Committee		10. DESCRIPTION	 	

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46-72-13-114, DATE 2/10/71							-				-		-											
DATE.																								
-13-114																								
				<u> </u>								 	<u></u>					 						
2. TITLFTraffic Control Devices 3. No.	10											 		+	.			<u> </u>					•	••
evices	6		. I		<u></u>							 						-						
itrol D	∞											 		_										_
ffic Coi	2											 												
LETra	9	1,024										 												
2. TIT	5 5																							
	-1	6.36																						
		209	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,																					
VIRGINIA	5	3,000																						-
Λ												 												
1. STATE	TOTAL	4, 239										 												
ROGRAM		313 (\$000)	To Localities Prev. Obligations Now Oblications	Contraction of the second	ederal To Localities	Prev. Obligations New Obligations			To Localities	Prev. Obligations New Obligations		 	To Localities Draw Obligations	New Obligations			To Localities	Prev. Obligations	100	Travel			Supplies Maintenance and Operations	1
HIGHWAY SAFETY PROGRAM SUBELEMENT SUPPLEMENT		D Standard: I Total	To Lo To Lo R Prev.	Stan	U Federal T To Lo	I Prev. O New C	Star	Total Federal	B To Lo		Stan	Ē	N To Lo		A Total	Ŀ	D To Lo	T and Prev. (Joliga	Salariae	Per Diem and Travel	Contracts	Equipment	Supplies Maintenance at	Ę
HGHW UBEL		13.					r				ı								14.					

Title and No. 46-72-13-12	Date	1970	19 71			Fiscal Year	. 72		<u>61,</u>	19 74
Traffic Control Devices 313	2/10/71	FY-2	FY-1	1st Qt.	2nd Qt.	3rd Qt.	4th Qt.	Total	FY+1	FY+2
6a. EFFECTIVENESS										
* Number of accidents at improved traffic signal locations.	raffic									
ī.										
c					·			· · · · · · · · · · · · · · · · ·		
IV-138										
3.										
4.				i						
o.					-					
* Data will be available upon completion of new traffic records system.	etion of new	traffic rec	ords syst	em.						
6.										

EFFECTIVENESS SUPPLEMENT TO THE SUBELEMENT

HIGHWAY SAFETY PROGRAM	RAM	1. STATE		VIRGINIA	2. T	TITLE Pedestrian Safety	strian Saf	ety	3	NO. 46-72-14-01	2-14-01	4	DATE2/10/71	10/71
	L LAN	5. DRAFTED BY APPROVED B	DRAFTED BY APPROVED BY	Billy G. Johnson John T. Hanna	(MLH)	19 70 FY-2	1971 FY-1	FL 1st O	SCAL YE	FISCAL YEAR 19 72 2nd Q 3rd Q	2 4th (3	TOTAI	$\frac{19}{10} \frac{73}{13}$	197 <u>4</u> EV 10
6a. EFFECTIVENESS N	Number o	Number of accidents involving pedestrians	olving pe	destrians		2,383	SEE EI	F-	INESS SU	IPPLEM	ENT TO	THE SUBELEMENT	ELEME	T
6b. OUTPUT		rcent of popula	tion rece	Percent of population receiving ped. safety info. via news	info. via nev	vs media *					<u> </u>			
	No.	of ped. safety	y progran	No. of ped. safety programs via news media	*									
7. RESP. 8. STD.	9. T	TASKS & MILESTONES	STONES											
HSD 314	•	Hire professio	nal perso	1. Hire professional person to coordinate programs	ograms									
HSD 314		\$12 Hire a consult:	\$12,000 ultant to dev	\$12,000 Hire a consultant to develop a public information	rmation		н			1	1			1
		program for the educ program will include with the pedestrian p pedestrian collisions	ie educati nclude th trian prok lisions	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	ans. The of drivers s to avoid		Bids	Survey & Analysis	<u> </u>	Devel. & Imple.	Imple.			
		A. T V spots	spots											
		 B. Radio spots C. Billboard p 	Radio spots Billboard posters	rs								6 4	<i>6</i> 4	6 9
			v and bull	Window and bulletin posters								400	400	400
			35 mm slide presen Mail and utility and	35 mm slide presentations Mail and utility and bus posters								100,000 3,000	100,000 3 000	100,000 3 000
	_	G. Exhibits	S									misc.	misc.	misc.
10. DESCRIPTION			11. C	COST BY TASK ((\$000)					<u></u>				
I ne long term goal of the pedestrian safety pro- gram in Virginia is to reduce the number of	pedestrian Ice the nu	n safety pro-	- F	Professional Personnel	nnel		10	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	ۍ ۳	3		12	11	12
accidents including fatalities personal injuries,	es person	al injuries,		Fublic Intormation Program	Program			 ∞	 ∞	∞	 ∞	32	32	32
accomplishing this goal the state is establishing	ving peae	strians. In establishing								<u> </u>				
a comprehensive pedestrian safety education	n safety e	education									******			
will be a nublic information program to	of concen	itration												
educate all pedertrians from pre-school age	om pre-s	school age	17. 17. 17.	TUTAL COST \$(LOCAL SHARE \$(\$(000)	35.9 35	45	48.5	13.5	11	46	119	116.15	117.15
to the elderly, as well as auto drivers and particular ethnic groups. The program will	s auto dr s. The p	rivers rogram will	ŝ	STATE SHARE		6.	40		6.75	5.5	23	59.5	58.07	58.58
include television spot announcements, posters,	uncement	ts, posters,		FEDERAL SHARE			ις, ι		6.75	5.5	23	59.5	58.08	58.57
radio spots, motion picture films, exhibit material,	s films, e	xhibit materia		CTURNED I			<u>م</u>	24.25	6.75	5.5	23	59.5	58.08	58.57
* Data not available.					4									1

Data not available.

HIGHWAY SAFETY PROGRAM ANNIAL SUITE LEMENT PLAN	TY PROGRAM	M 1. STATE	VIRGINIA 2.		TITLE Pedestrian Safety	fety	3.	NO. 46-72-14-02	2-14-02	4.	DATE 2/10/71	2/10/71
		<u>ى</u>	DRAFTED BY Billy G. Johnson (WLH) APPROVED BY John T. Hanna	() $\frac{1970}{FY-2}$	2 19 71 2 FY-1	F Ist Q	FISCAL YEAR 19 2nd Q 3rd Q	EAR 19 72 3rd Q	2 4th Q	TOTAL	19 <u>73</u> FY+1	19 74 FY +2
6a. EFFECTIVENESS	ENESS											
	C	•										
6b. OUTPUT	Ν	1										
7. RESP. 8.	STD.	9. TASKS & MILESTONES	STONES									
Local Govern- ments	314	3. Safety towns		н 		_				5	5	63
HSD	314	4. Bicycle Safety Program	Program									
		A. Lite-a- B. Bicycle	Lite-a-bike kits at \$3 each Bicycle testing machines \$150 each	9		500	500			1,000	600 1	600 1
Traffic Records Committee	314	5. Design Data Sy	Design Data System for evaluative purposes.		Survey	Survey	Survey	Devel.	Imple.		Imple.	Imple.
10. DESCRIPTIC	DESCRIPTION (continued)	d)	11. COST BY TASK \$(000)									
billboards, bus an its and coloring he	id mail truck	billboards, bus and mail truck type cards, exhib- its and coloring books Woolse worked to build										
additional safety to	owns to help	additional safety towns to help in teaching pedes-	3. Sälety LOWIS 4. Ricycle Safety Drogram	35	35	35			35	70	20	70
trian safety to chil	ldren. With	trian safety to children. With the hiring of a full-				2.5	2.5			L,	er,	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
time pedestrian safety education specialist we hope to continue improving the pedestrian safety	afety education nproving the	on specialist we pedestrian safety	bicycle testing machines	chines .9)	• 15	.15
program for the entrie 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.	uture state. s committee : able us to eva an safety pro	the traffic records committee a data system with the traffic records committee a data system will be developed to enable us to evaluate more effec- tively our pedestrian safety program.	12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES									

IV-140

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		10																		-										-		• • •					
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5								+						-						-						-											
		x						-+						_						-						+				-							
100mg million 1 11 111		7																																			
	-	9						T																													
	s	-						4						-						-					-	╉				+		ير. سورين					
:	TASKS	ß																										-	ووفلتني					-10		erota: ra	
1		4		ß	2.5	2.5		2.5																													
	-			20	35	35		35																													
WINITEMITA		2		32	16	16		1 6																													
		1		12	9	9		9								~											_								 .		
		. 1						_																		-				_							
		TOTAL		119	59.5	59.5	0	59.5																													
1							ons	S					ons	IS					ons	IS					ons	JS		_		ons							Maintenance and Operations
MINI	ENT			<u> </u>		ties	Prev. Obligations	New Obligations	1			tics	Prev. Obligations	New Obligations				ties	Prev. Obligations	New Obligations				ties	Prev. Obligations	New Obligations			ities	Prev. Obligations	ject		vel				pera
	LEM		: 314	(\$000	T	ocali	6	Oblig			ŗ	To Localities	ę.	Oblig			IL	To Localities	°0 O	0blig			al	To Localities	. O			5	To Localities	. Ob	y Ob		ł Tra				and C
HIGHWAY SAFE IY PROGRAM	SUPP		Standard:	Total (\$000)	Federal	To Localities	Prev	New	Standard:	Total	Federal	To I	Prev	New	Standard:	Total	Federal	To I	Prev	New	Standard:	Total	Federal	To I	Prev	New	Ę	Federal	To I	Prev	sts b		m and	s	đ		ance
OAF C	EN		Stan	Ē	Ä				Stan	Ē	Ŧ				Sta	F	<u>[</u> 24				Star	T	ī				Total	÷			Local Costs by Object	Salaries	Per Diem and Travel	Contracts	Equipment	Supplies	inten
VAY.	SUBFLEMENT SUPPLEMENT		۵	I	S	٦	ы		н	в	D	Т	I	0	z		5	n ;	×		\mathbf{x}	T	V	Z	D		Y	¥	<u>_</u>		Loc	Sal	Ъег	Col	EGA	dirs:	Ma
	UBEI		13.																												14.						
=	S		H							-																					1-			_			

EFFECTIVENESS SUPPLEMENT TO THE SUBELEMENT

Title and No. 46-72-14-04 Date		19 70	19 71		F	Fiscal Year 72	- 72		1973	19_74
Pedestrian Safety 314		FY-2	FY-1	1st Qt.	2nd Qt.	3rd Qt.	4th Qt.	Total	FY+1	FY+2
6a. EFFECTIVENESS										
	I SI									
1. Children 2. Persons under the influence of		35 54								
Alcohol		E								
°°	•	14 (
*Number of pedestrian deaths occurring in rural areas urban areas 2.		147 94								
*Number of pedestrian related accidents and deaths occurring after dark	m 	36.6%								
∽ 7-142										
Daytime pedestrian deaths and injuries	9	63.4%								
4.										
Pedestrians injuried urban 5. rural		1751 749								
* Additional data will be available upon completion of traffic records data system.	complet	tion of tr	affic reco	rds data s i	ystem.					
6.							-			

HIGHWAY SA ANNUAL SUB	HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN	M 1. STATE	VIRGINIA	2. TITLE	1 1	Police Traffic Services Cities and Counties	Services unties	°.	NO46-72-15-01	-15-01	4	DATE 2/10/71	/10/71
		5. DRAFTED BY APPROVED BY	ED BY Walter E. Douglas VED BY John T. Hanna		1970 FY-2	19 <u>71</u> FY-1	F] 1st Q	SCAL Y	FISCAL YEAR 1972 2nd Q 3rd Q	2 4th Q	TOTAL.	19 <u>73</u> FY+1	19 <u>74</u> FV+2
6a. EFFEC	EFFECTIVENESS	SEE EFFECTIVENE	SEE EFFECTIVENESS SUPPLEMENT TO THE SUBELEMENT	SUBELEMEN	۲T				ĺ	ſ			
6b. OUTPUT		C No. of roadways v	C No. of roadways within five min. of cruising patrol car. V	atrol car.	* -								
7 RESP	STT 8	9 TASKS & MILESTONES	ns issued for moving <u>violations</u> errones	ons.	*								
E H			Introduce legislation requiring a minimum of 200 hr.	of 200 hr.		Intro.							
Training Standards Comm.	315 m.	UI DASIC 1.TAIIII	of basic training for new recruits.			Legis.		Passed					
HSD	315	 Set up training program for the following areas 	Set up training programs in all cities and counties for the following areas (policemen)	ounties									
		A. In-ser	ing		2,000	3,000				-	3, 500	3, 800	4,000
		B. Refres C. Trainir	 B. Refresher training (no. trained) C. Training of supervisory personnel 		1, 500	2,000					3,000	3, 300	3, 500
			(no. trained)		500	1,000					1,000	1.300	1.500
	,	D. Trainir F. Special	Training of new recruits Special training "Accident Investigation"	tionli	300	400					400	500	600
		1	(no. trained)		200	400					500	500	500
10. DESCRIF	DESCRIPTION The ultimate goal of the	ate goal of the	11. COST BY TASK	(\$000)									
cities and count	ies in Virginia	cities and counties in Virginia is to reduce the	A. In-service training		500	795					972	1 056	1 119
number of accid	ents, fatalities,	number of accidents, fatalities, personal injuries			50	09	<u> </u>				100	130	140
services in all	mage by improv aspects of accid	suu property damage by improving police traffic services in all aspects of accident prevention mon	C. Supervisor training		125	250	_				278	361	417
grams, police t	raffic supervision	grams, police traffic supervision, post accident	E. Special training	Sill	021	190					200	250	300
procedures to aid crash victims, and to bring	id crash victims	s, and to bring			2						001	ner	150.
The followin	The following are dur immediate of justice.	ents to justice.											
implement this	goal. First of a	implement this goal. First of all, it is necessary	12. TUTAL CUST (\$ LOCAL SHARE	(2000)	20,872	21,895					24,124	24, 786	25,440
for the State of Virginia to establish minimum	Virginia to estal	olish minimum	STATE SHARE								610°03	ron (±7	24 , J4U
of 200 hrs. for all new recruits has been estab-	us lor all police all new recruits	of 200 hrs. for all new recruits has been estab-	FEDERAL SHARE TO LOCALITIES	9 9	68. 152 68. 152	67.506 67.506					545 545	002 700	006 006
		1								1			

* Data not yet available

IV-143

HIGHWAY SA	HIGHWAY SAFETY PROGRAM	AM 1.	STATE		VIRGINIA	2. TITLE	1	Police Traffic Services Cities and Counties	Services Counties	3. NC	NO.46-72-15-02	15-02	4.	DATE 2/10/71	/10/71
INC TROUME	TA INGWORDS	5.	DRAFTED BY APPROVED BY	ED BY /ED BY	Walter E. Douglas	(MLH)	1970 FY-2	19 71 FY-1	FISC/ 1st Q 2n	FISCAL YEAR 1972 2nd Q 3rd Q		4th Q	TOTAL	19 <u>73</u> FY+1	19 <u>74</u> FY+2
6a. EFFEC	EFFECTIVENESS										-	\vdash			
		c													
6b. OUTPUT	E	٧										-			
7. RESP.	8. STD.	9. TASKS	TASKS & MILESTONES	TONES											
Local		3. Personnel	onnel								<u> </u>				_
Liovernments	315	B	A. Policemen (citiesB. Additional and repl	men (cit nal and r	Policemen (cities and counties) Additional and replacement		4, 300 300	4, 500 400					4,700	5,000	5, 300 600
		C	C. Special	ly traine(Specially trained records analyst \$10,000 ea.	10, 000 'ea.	က	4					8	12	9
Local													_		
Governments	315	4. Procur A.	4. Procure equipment A. Vehicles	nent ss \$3 000	00 each		75	02					, ,	0	
		Ч		mits \$800	00 each		10	2 9					20	20	100
		ч С		c speed c	Electric speed computers \$950 each								100	20	20
		D.		Video Cameras			10	20					20	20	20
									<u> </u>	<u></u>					
10. DESCRIPTION	PTION			11. C	COST BY TASK										
lished by the Law Enfo Standard Commission.	lished by the Law Enforcement Officers Training Standard Commission.	at Officers 1	Training	3. 4. 5	Personnel (% of time) Equipment		19, 534	19, 983	• • • • • • •	·			20,443	20,913	21, 394
It is an	It is anticipated that additional refresher	dditional rei	fresher	- . A			225	210					300	300	300
traffic training	traffic training and in service trai ning courses	trai ning cc	ourses	в.	-		80	80					16	16	16
will be made a	will be made available to officers performing	cers perfor	ning	ບໍ	-	mputers							95	47.5	47.5
training for su	training for supervisory personnel in the funde-	nake availat nnnel in the	finda_	ď	video cameras		50	100	 				100	100	100
mentals of org	mentals of organization and administration train-	dministratio	iumua- in train-	12. TC	TOTAL COST										
addition. these	ung recommunes and in the use of records. In addition, these contrast will be offered when the	oI records. a offarad uh	El tho	1	LOCAL SHARE										
need arises.				N F	STATE SHARE FFDFRAT SHARF										
The dev	The development and implementation of a	mplementat	ion of a	1	TO LOCALITIES										
						_	-					-			

HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN	TY PROGRA EMENT PLA	M 1. STATE	VIRGINIA 2.	TITLE ^{Poli} Cit	Police Traffic Services Cities and Counties	: Services unties		NO. 46-72	46-72-15-03	+	DATE 2/10/71	/10/71
		5.	DRAFTED BY Walter E. Douglas APPROVED BY John T. Hanna	1970 FY-2	$\frac{1971}{FY-1}$	FI Ist Q	SCAL YE	FISCAL YEAR 19 72 2nd Q 3rd Q 4	4th O	TOTAT	197 <u>3</u>	$19\frac{74}{1000000000000000000000000000000000000$
6a. EFFECTIVENESS	ENESS									74101	1+1 1	r 1 +2
6b. OUTPUT		C V										
7. RESP. 8. Local Govern.	STD. 315	 9. TASKS & MILESTONES 4. Procure equipment (continued) E. Communications Sets (vario F. Sirens \$150 each G. Visual Aids - slides film, pr 	SKS & MILESTONES rocure equipment (continued) Communications Sets (various kinds) Sirens \$150 each Visual Aids - slides film, projectors, etc.	400 30	400 20				+	500 20	500 20	500 20
Q	315 315	 Special Traffic Seminars Develop Visual File 	Seminars File			1	1 Devel.	EI .	1	4	4 Imple.	4 Imple.
Trattic Records Committee	315	7. Design Data Syr gram	Design Data System for effective evaluation of pro- gram		Survey	Analysis Analysis	Analysis	Devel.	Imple.			
10. DESCRIPTION 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.	ON ing course i ceduction of i specially tr analyze and p in the fulfil ng accidents	s underway and police car related rained records l interpret traffic llment of our long	 COST BY TASK (\$000) (continued) (continued) Communications Sirens Visual Aids Visual File Visual File Data System 	192 4.5 4	0 700 700		R	N	2	1, 240 3 8 8 10	1,240 3 8 8 2	1,240 3 10 8 8
To further accomplish this goal the cities and counties in Virginia are anticipating the hir ing of additional personnel, the purchase of new vehicles, radar, cameras, communication units, and other equipment necessary for complete poli- traffic services.	omplish this rginia are a rsonnel, the uneras, con t necessary	To further accomplish this goal the cities and counties in Virginia are anticipating the hir- ing of additional personnel, the purchase of new vehicles, radar, cameras, communication units, and other equipment necessary for complete police traffic services.	12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES					· ·			· · · · · · · · · · · · · · · · · · ·	

HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN	1.	ы ы		2. TIT	rLE Polic	TITLE Police Traffic Services Cities and Counties	Services ounties	3.	NO, 46-72-15-04	2-15-04		DATE2/10/71	10/71
	5. DRAF APPR	DRAFTED BY APPROVED BY	Y Walter E. Douglas BY John T. Hanna		1970 FY-2	19 71 FY-1	Ist Q	ISCAL YI 2nd Q	FISCAL YEAR 19 72 2nd Q 3rd Q	2 4th Q	TOTAL,	19 73 FY+1	1974 FY+2
EFFECTIVENESS													
	c												
OUTPUT	٧						,-						
8. STD. 9	9. TASKS & MILESTONES	ESTON	ES										
315	8. Establish Po	olice Pu	Establish Police Pursuit Driving Course			Estab.	Imple.			······		Imple.	Imple.
		-											
10. DESCRIPTION The Law Enforcement Officers Training Stand- ards Commission is presently developing a visi file that will contain information pertaining to training of all police officers in the state and th amount and type of training they have had. Thi system will be available by 1973 for use in eval	10. DESCRIPTION The Law Enforcement Officers Training Stand- ards Commission is presently developing a visual file that will contain information pertaining to training of all police officers in the state and the amount and type of training they have had. This system will be available by 1973 for use in evalu- ation the notice traffic service procement Λ data		COST BY TASK 8. Pursuit Driving Cou	(\$000) Lrse			20	20	20	20	200	200 ·	200
more effectively.	more effectively.	ords_2.	TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE TO LOCALITIES										

3. No.46-72-15-05 4. DATE2/10/71											-													-													
3. N		2					-+						_	=					-						+				+	•							
	-	6					-						-		_			_	-										+								
s		x	200		20		20												4						+				-							,	_
ce Tra ervice		7																																			
2. TITLF Police Traffic		6	10		10		9																														
. TITI	TASKS	2 2	 oc)	80		8																														
	Ĥ-	4	1. 762		300		300																		+												-
A	-	с С	20.443																						-+-												
VIRGINIA	-	2	1.701 20		177		177																														
		1		<u> </u>															_						+												
1. STATE		TOTAL	94 194	545	545	171	545													_																	
HIGHWAY SAFETY PROGRAM	SUBFLEMENT SUPPLEMENT		13. D Standard: 315 r Total conny	al			New Obligations	I Standard:	B Total	U Federal	T To Localities	I Prev. Obligations	0 New Obligations	N Standard:	Total	13 Federal	To Localities	Prev. Obligations	New Obligations	S Standard:	T Total	A Federal	N To Localities	D Prev. Obligations	New Obligations	Ĕ	Ŀ,	D To Localities	Prev. Obligations	14. Local Costs by Object	Salarics	Per Diem and Travel	Contracts	Equipment	Supplies	Maintenance and Operations	1.1.1.

EFFECTIVENESS SUPPLEMENT

TO THE SUBELEMENT

""""""""""""""""""""""""""""""""""""""	Dette	07 61	17 21			Fiscal Year	r 72		<u>19 - 73</u>	19 74
Polince Trafflic Services		FY-2	I-A-I	lst Q.	2nd Qt.	3rd Qt.	4th Qt.	Total	FY+1	FY+2
G.a. E.F.F.F.C.TIVE.NESS				57.587						
Crashes involving traffic regulation	-	NA								
6	i .									
e 1										
4										
NA - Not Availaible		Garage fan it 1995 mil gering fan it 1								
 Additional effectiveness measures will be developed upon completion of our new Traffic Records Data System 	s will be w Traffic									

HIGHWAY SAFETY PROGRAM	M 1. STATE	Liv	Virginia	2. TITLE	}	Police Traffic Services - State	lc ate	3.	NO. 46-72-15-07	2-15-07	4. 1	DATE 2/10/71	12/0
ANNUAL SUBSELEMENT FLAN	5. DRAFTED BY APPROVED BY	ED BY	Majcr J. S. Pearson John T. Hanna	rson	190 FY-2	¹⁹ <u>7</u> 1 • FY-1	t Q	FISCAL YEAR 19 72 2nd Q 3rd Q	EAR 19 72 3rd Q	4th Q	TOTAL	19 73 FY+1	$\frac{19}{\mathrm{FY}+2}$
6a. EFFECTIVENESS	Wiles of Highwav ner Trooner	av ner 7	rooner		65.1	61.1	59.9	60.2	60.4	60.6	60.6	57.9	54.7
	C Number of Troopers	pers			773	826	846	846	846	846	846	896	946
6b. OUTPUT		ay under	r State Police Jurisdiction	iction	50,300	50.500	50,700	50,900	51,100	51,300	51,300	51,500	51,700
7. RESP. 8. STD. 9	9. TASKS & MILESTONES	TONES											
State Police 315	Ре												
	A. Field Supervisor _{R.} Captains	VISOF			9	9	9	9	9	0	9	9	9
		ante			12	12	12 6	12	12 6	12	12	43	43
	E. Sergeants				43	43 826	43 846	43 846	43 846	43 846	43 846	66 896	66 946
	F. ITUOPETS				2	040	25		2	2			
IV-149	(Note: Cost for additiona includes salary, car, unif police equipment, car radi supplies, travel expense,	t for a lary, c pment, (ravel e)	 personnel orms, indivi o, car repai communicatio 	employed [dual [rs, car] ns			<u></u>						
	insurance, other insurance Social Security.)	other in rity.)	, retirement	and.	<u></u>					<u> </u>			. <u></u>
10. DESCRIPTION The State Police in Vir-	e Police in Vir-	11.	COST BY TASK (\$000)										
ginia render many services in the reduction of motor vehicle crashes involving fatalities,	n the reduction of ing fatalities,	· · ·	Personnel		0,769.9	10,769.9 12,435.9	3,962.3	3,011.0	2,846.1	2,846.1	12,665.514,512.0 151.0 151.0		15,057.7
personal injuries and property damage. Services include: (1) the well-rounded	uy uamage. ell-rounded (2) the investi-		Training Helicopter Pilots		16.6			1	•	1			1
gation of motor vehicle crashes, (3) the surveillance of highways and traffic for	hes, (3) the traffic for												
adverse conditions, (4) the directing and controlling of traffic, and (5) the providing of emergency assistance to the motoring public.	directing and (5) the providing he motoring public	12.			0,786.5	10,786.5 12,850.9	4,043.6	3,034.3	2,869.3	2,869.3	12,816.514,663.0	L	15,208.7
The immediate goal is to increase the strength of the Department to more adequately	increase the o more adequately	1	LOCAL SHARE STATE SHARE		0,769.9	10,769.9 12,435.9	3,962.3	3,011.0	2,846.1	2,846.1	12,665.514,663.0		15,208.7
carry out these services. Troopers are assigned to counties throughout the State	Troopers are ghout the State		FEDERAL SHARE TO LOCALITIES		16.6	415.0	81.3	23.3	23.2	23.2	151.0	1	
	(continued)												

1. STATE VIRGINIA 5. DIMAFTED BY Major J. S. Pea APPROVED BY John T. Hanna APPROVED BY John T. Hanna TASKS & MILESTONES \$131,410 ea. Fquipment \$131,410 ea. Helicopters @ \$131,410 ea. Hangar Rental Direct Operating Costs and Insurance Training Helicopter Pilots Training Helicopter Pilots nt factors of: of highways, Increases in n texisting erially aid in nary mission regially aid in nary mission of 57% of STATE SHARE
HIGHWAY SAFETY PROGRAM 1. STATE ANNUAL SUBFLEMENT PLAN 5. DIMAT 6a. EFFECTIVENESS 5. DIMAT 6b. OUTPUT V 7. RESP. 8. STD. 7. RESP. 9. TASKS & MILE 7. RESP. 8. STD. 9. TASKS & MILE 7. RESP. 8. STD. 9. TASKS & MILE 7. RESP. 9. TASKS & MILE 8. STD. 9. TASKS & MILE 9. State Police 315 9. TASKS & MILE 10. 9. ALL RESP. 3. Training Heli 9. ALTATION 5. Training Heli 9. ALTATION 5. Training theli 9. MICE CON 3. Training theli 9. MICE CON 3. Tratining theli <

12/0]			 .	•••								-						-							-		T		,						
T.t. 2/1																																					
4. D.\																																					
-15-09																																					
46-72-							-+·						\downarrow												-												-
. No.		10																																		~~**	
rices 3		6																																			
ic Serv		æ																																			
e Traff State		7											-+																								
2. TITLF Police Traffic Services 3. No. 46-72-15-094. DATP. 2/10/7		9					+						-+																				.				-
TITLE	sks	5					+																		+				_								
2.	TASKS						-						_						-						+												-
	-	4				9	-												_																		-
NIA	_	3				16.6																			_												_
VIRGINIA		2	151			415																															
ы		1	12,665																																		
1. STATE		TOTAL	12,816.5	151		421.6	151																														
HIGHWAY SAFETY PROGRAM	SUBELE MENT SUPPLEMENT		rtd: 300 d (\$000)	sral	To Localities	Prev. Obligations	New Obligations	rd:		Federal	To Localities	Prev. Obligations	New Obligations	urd:	u lu	Federal	To Localities	Prev. Obligations	New Obligations	urd:		Federal	To Localities	Prev. Obligations	New Obligations		Federal	To Localities	Prev. Obligations	Local Costs by Object		Per Diem and Travel				Maintenance and Operations	
AY SAFET	E MENT SU		D Standard: I Total	S Federal		R Pı	ž	I Standard:	B Total	U Fedd	T Tı	I P ₁	N O	N Standard:	Total		ц Т		ž	S Standard:	T Total	A Fed	N Te	D P	Ż	Ē	R Fed	D Tc	Ċ.	Local Cost	Salarics	Per Diem	Contracts	Equipment	Supplies	Maintenanc	Total
7MH DIH	SUBELI		13. 1											1						I				_	1					14.							

EFFECTIVENESS SUPPLEMENT TO THE SUBELEMENT

L											
H	Title and No. 46-72-15-10 Doline Traffic Services (State)	Date	1970	1971		Ŧ	Fiscal Year	- 72		1973	1974
	1 01100 11 01110 001 11000 (04040)	2/10/71	FY-2	FY-1	1st Qt.	2nd Qt.	3rd Qt.	4th Qt.	Total	FY+1	FY+2
63	6a. EFFECTIVENESS										
L	Miles of highway per trooper		65.1	61.1	59, 9	60.2	60.4	60.6	60 . 6	51.5	54.7
1.				-							
5	*Average manhours daily police patrol.	trol.									
IV-152 ో	*Average daily vehicle miles of travel per trooper.	vel per									
4											
້ຳ											
9	* Data will be available upon completion of traffic record data system.	tion of traf	fic recor	l data sys	em.						

HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN		VIRGINIA	2. TITLE	1	Accident Cleanup		3.		16-01	4.	DATE 2/10/71	2/10/71
	5. DRAFTED BY APPROVED BY	Walter E. Douglas John T. Hanna	(WLH)	$19 \frac{70}{FY-2}$	1971 FY-1	FI 1st Q	FISCAL YEAR 19 2nd Q 3rd Q	12	4th Q	TOTAL	1973 FY+1	$19\frac{74}{FY+2}$
•	nvolving previou	Crashes involving previous crash debris or blockage		75	80					85	90	100
പ	ercent of crash	Percent of crash sites cleared of debris within 20 min.	20 min.	65	68					11	83	85
	Number of crash sites cleared	tites cleared of debris within 20 min.		80,000	90,000					100,000	125,000	135,000
_	TASKS & MILESTONES	TONES										
	Study to revie w th e e program in Virginia	Study to revie w the debr is hazard control and cleanup program in Virginia		Received Estab. Proposal contract		Distr. manual (1,000 copies)						
	Follow-up studies cleanup program	Follow-up studies to review and update accident cleanup program	t								Contrad	Contract Contract
	Develop a data s information in c effectively.	Develop a data system to make available pertinent information in order to measure our program more effectively.	more		Survey	Analysis	Devel.	Imple.			Incorp.	
	10. DESCRIPTION In Virginia, our long term goal in reducing the number of accidents, in- cluding 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	 COST BY TASK (\$000) Study to review the debris hazard control and cleanup program in Va. 	oris anup		40					10		
A)	removal from the roadways of wreckage, spillage and debris from motor vehicle accidents as well	2. Follow-up studies to review	view								10	10
	as acts of God. To provide for this rapid removal of debris from our roadway we have contracted with	12. TOTAL COST (\$000) LOCAL SHARE			40					10	10	10
	Wilber Smith and Associates to review the debris	STATE SHARE FEDERAL SHARE			20 20					പറ	ມ ດາ	n U
~ 5	hazard control and cleanup program in Virginia and publish a manual. to be forwarded to all	TO LOCALITIES			20					2	ى م	о С

IV-153

HIGHWAY SAF ANNUAL SUBE	HIGHWAY SAFETY PROGRAM ANNUAL SUBELEMENT PLAN			2. TITLE	LE Acci	Accident Cleanup			NO. 46-72-16-02	2-16-02	4	DATE 2/10/71	2/10/71
		5. DRAFTED BY APPROVED B	Walter E. Douglas Y John T. Hanna	(MLH)	1 <u>9</u> 0 FY-2	19 71 FY-1	FI 1st Q	FISCAL YEAR 19 ⁷² 2nd Q 3rd Q	3rd Q	4th Q	TOTAL	$19\frac{73}{FY+1}$	$19\frac{74}{FY+2}$
6a. EFFECTI	EFFECTIVENESS			•									
	C									†			
6b. OUTPUT	N												
7. RESP.	8. STD. 9.	TASKS & MILESTONES	STONES										
								<u></u>					
<u></u>						<u></u>							
10. DESCRIPT	10. DESCRIPTION (continued) Incal political subdivisions to accuration	mu jini cum	11. COST BY TASK										
accident cleanup the political subv	accident cleanup throughout the state. Most of the nolitical subdivisions have local and monocord	tate. Most of											
requiring the wr	requiring the wrecker working the accident to cleanin all dehrie. The Hickway Donorthont	e accident to		<u> </u>									
has available spi in emergency sit	has available special crews for debris cleanup in emergency situations as well as continuous	ebris cleanup		<u>-</u>									
cleanup of dead : highways. We an in conjunction w that will enable i up program in th	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 clean- up program in the state more effectively.	t from the g a data system ords Committee, r accident clean- ectively.	12. TOTAL COST LOCAL SHARE STATE SHARE FEDERAL SHARE				-						
		1	DO FOOT PTUTE										

	TASKS	TOTAL 1 2 3 4 5 6 7 8 9 10	 		5.02	20 20 20 20 20 20 20 20 20 20 20 20 20 2	8				ons				ous	2				OIIS					OIIS						
HIGHWAY SAFETY PROGRAM	SUBELEMENT SUPPLEMENT		 -	Fe		R Prev. Obligations New Obligations	I Standard:	B Total	U Federal	T To Localities	I Prev. Obligations	N Standard:	Total	B Federal	Prev. Obligations	Stan	T Total	Ē	N To Localities		New Obligations	Ē	£	D To Localities	Prev. Obligations	14. Local Costs by Object	Salaries	Per Diem and Travel	Contracts	Equipment	eandlice

IV-155

EFFECTIVENESS SUPPLEMENT TO THE SUBELEMENT 19 74 FY+2100 $FY \vdash I$ 1973 90 Total 85 4th Qt. Fiscal Year 72 3rd Qt. 2nd Qt. 1st Qt. FY-1 19 71 80 FY-2 07.61 75 Date 2/10/71 Crashes involving previous crash debris or blockage Title and No. 46-72-16-04 Accident Cleanup 6a. EFFECTIVENESS IV-156 😅 **-i** સં 4 .9 ŝ

HIGHWAY SAFETY PROGRAM ANNIAI.SIIRELEMENT PLAN	FETY PROGR		STATE		VIRGINIA	2. TIT	LE Accic Virgir	TITLE Accident Cleanup Virginia Dept. of Highways	up Mighway	3.	NO. 46-72-16-05	2-16-05	4.	DATE 2/10/71	/10/71
		5. DI AI	DRAFTED BY APPROVED BY	ВҮ D ВҮ	C. O. Leigh John T. Hanna		19 <u>70</u> FY-2	19 <u>71</u> FY-1	FIS 1st Q	SCAL YE 2nd Q	FISCAL YEAR 19 72 2nd Q 3rd Q	4th Q	TOTAL	19 <u>73</u> FY+1	19 <u>74</u> FY+2
6a. EFFECT	TIVENESS ^{Nu}	mber of acciden	ts under i state sys	tems	EFFECTIVENESS Number of accidents under icy conditions on primary and inter- state systems	and inter-	866	860					860	855	850
Character An	Ē	C Percent of maintenance areas served	maintenar	nce ar	eas served		*NA	∞				10	10	14	18
		V Number of maintenance areas	naintenan	nce are	eas served		1	20				25	25	35	45
7. RESP.	8. STD.	9. TASKS & MILESTONES	MILESTO	NES											
Maintenance Organization	316	1. Install ice) detector	rs on L	1. Install ice detectors on Interstate and Primary bridges	ry bridges	н	19					2	0	10
HQA	316	2. Highway	Departme	ent spe	Highway Department special debris hazard control	ontrol				<u></u>			,		
		and clean A. p. B. et	and cleanup program A. personnel B. equipment	am				<u>.</u>							
		3. Develop o	lata syste	em for	Develop data system for evaluative purposes			Survey	Analysis Analysis Devel.	Analysi ș	Devel.			Imple	Imple.
								<u></u>			<u> </u>			4	
10. DESCRIP is to install ice	TION The pu detection equ	10. DESCRIPTION The purpose of this project is to install ice detection equipment on bridges	oject 11. ges		COST BY TASK (\$000) A. personal services		(5000)	14.554				4 914	4.914	800	0.000
which are subje conditions occu	ect to frequen ur. the ice def	which are subject to frequent freezing. When icing conditions occur. the ice detection sensor will	an icing	щC	B. equipment C. indirect costs			73.150				19, 250	19.250		38.500
activate an elec	ctrical sign w	activate an electrical sign warning the motorists	rists	2. sj	special debris hazard control	control		0.1.0				2.346	2.346	4 730	4.770
Ut an ICY DITUGE. A SIGNAL WILL ALSO DE location to alert maintenance forces. Ice detertion devices installed on	3. A signal Wi t maintenance devices inst	or an icy pringe. A signal will also be sent to a location to alert maintenance forces. Ice detertion devices installed on mitroal	8	ਕ	and cleanup program			250	64	64	64	64	256	253	270
bridges through traffic crashes	hout the State during period	bridges throughout the State will aid in reducing traffic crashes during periods when the bridges	cing 12. ges	-	TOTAL COST \$(000) LOCAL SHARE			346.48	64	64	64	89.81 2	281.81	305.03	322.17
are prone to be icy.	e icy.			ŝ	STATE SHARE		<u>`</u>	298.24	64	64	64	76.91 2	268.91	279.02	296.09
				4	FEDERAL SHAKE TO LOCALITIES			48.241 48.2				12.905 12.905 12.9 12.9	12.905 12.9	26.015 26	26.085 26

*Not available.

UBE	SUBELEMENT SUPPLEMENT													
					-	[TASKS				_			
		TOTAL	-	2	e	4	5	9	7	æ	6	10		
13.	Standard:													
		281.81	25.81	256										
	Ψ	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													
	0 New Obligations													
	N Standard:				+-									ļ
					-									
	1 OUAL						-							
	R Federal													
	v To Localities													
	Prev. Obligations													
	New Obligations	-												
	Stan													
	T Total													
	A Federal													
	N To Localities													
	D Prev. Obligations													
	New Obligations												-	
	A Total													
	R Federal						·							
	D To Localities													
			_											
14.	Local Costs by Object			-										
	Salarics													
	Per Diem and Travel		_											
	Contracts													
	Equipment													
	Supplies													
	Maintenance and Operations													
	Total													

EFFECTIVENESS SUPPLEMENT

TO THE SUBELEMENT

Title and No. 46-72-16-07	Date	19 70	19 71		F	Fiscal Year	- 72		1973	19 74
Accident Cleanup	2/10/71	FY-2	FY-1	1st Qt.	2nd Qt.	3rd Qt.	4th Qt.	Total	FY+1	FY+2
6a. EFFECTIVENESS										
*Number of accidents, under icy conditions, on bridges with ice detectors.	tions,									
1.										
2.									,	
- IV-159										
°C										
4.										
*Data will be available upon completion of traffic records data system. 6.	on of traff	c records	data syste	Ë.						