



U.S. Department
of Transportation

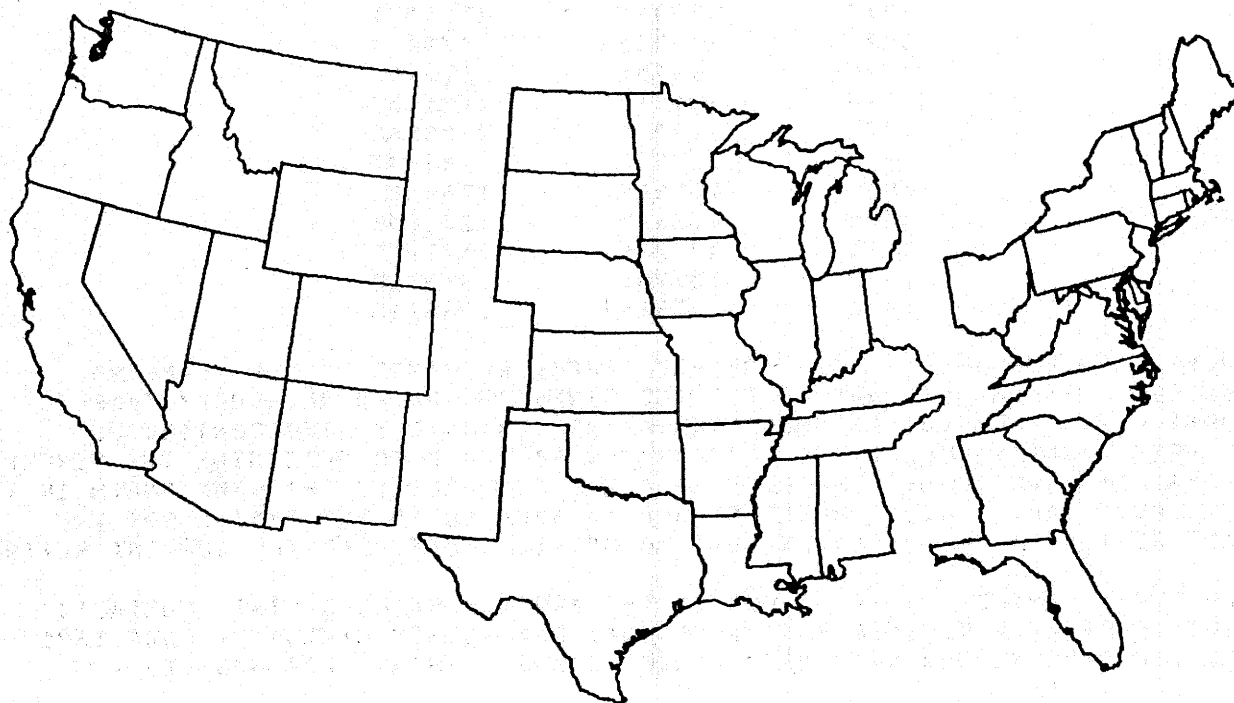
Federal Highway
Administration

HIGHWAY STATISTICS DIVISION

TRAFFIC VOLUME TRENDS

OCTOBER 1983

**TRAVEL ON ALL ROADS AND STREETS IS UP BY 4.5 PERCENT
FOR OCTOBER 1983 AS COMPARED TO SEPTEMBER 1982.**



WESTERN

CENTRAL

EASTERN

ESTIMATED VEHICLE MILES OF TRAVEL BY REGION - OCTOBER 1983.

28.0 BILLION

63.1 BILLION

51.5 BILLION

PERCENT CHANGE IN TRAFFIC COMPARED TO SAME MONTH LAST YEAR

+7.3

+2.4

+4.2

NOTE:

ALL DATA FOR THIS MONTH ARE PRELIMINARY. REVISED VALUES FOR THE
PREVIOUS MONTH ARE SHOWN IN TABLES 1 AND 2.

ALL VEHICLE MILES OF TRAVEL HAVE BEEN COMPUTED WITH 1961 VHS-2 AS A BASE.

COMPILED WITH DATA ON HAND AS OF DECEMBER 16, 1983.

TRAFFIC VOLUME TRENDS - OCTOBER 1983

BASED ON PRELIMINARY REPORTS FROM THE STATE HIGHWAY AGENCIES, TRAVEL DURING OCTOBER 1983 ON ALL ROADS AND STREETS IN THE NATION INCREASED BY 4.5 PERCENT AS COMPARED TO OCTOBER 1982, RESULTING IN ESTIMATED TRAVEL FOR THE MONTH AT 143414 MILLION VEHICLE MILES. THIS TOTAL INCLUDES 63551 MILLION VEHICLE MILES ON RURAL ROAD AND 79863 MILLION VEHICLE MILES ON URBAN ROADS AND STREETS.

TRAVEL FOR THE CURRENT MONTH AS WELL AS THE CUMULATIVE YEARLY TOTAL ON ALL ROADS AND STREETS IS SHOWN BELOW. SIMILAR TOTALS FOR EACH YEAR SINCE 1970 ARE ALSO INCLUDED.

YEAR	TRAVEL IN MILLIONS ALL ROADS AND STREETS	
	OCTOBER	YEAR TO DATE
1970	96317	940733
1971	102525	994545
1972	108841	1066531
1973	113089	1105051
1974	112572	1079483
1975	115250	1115140
1976	121210	1183137
1977	127388	1228666
1978	132930	1299927
1979	131619	1282525
1980	132615	1272638
1981	133216	1301045
1982	137183	1315712
1983	143414	1366895

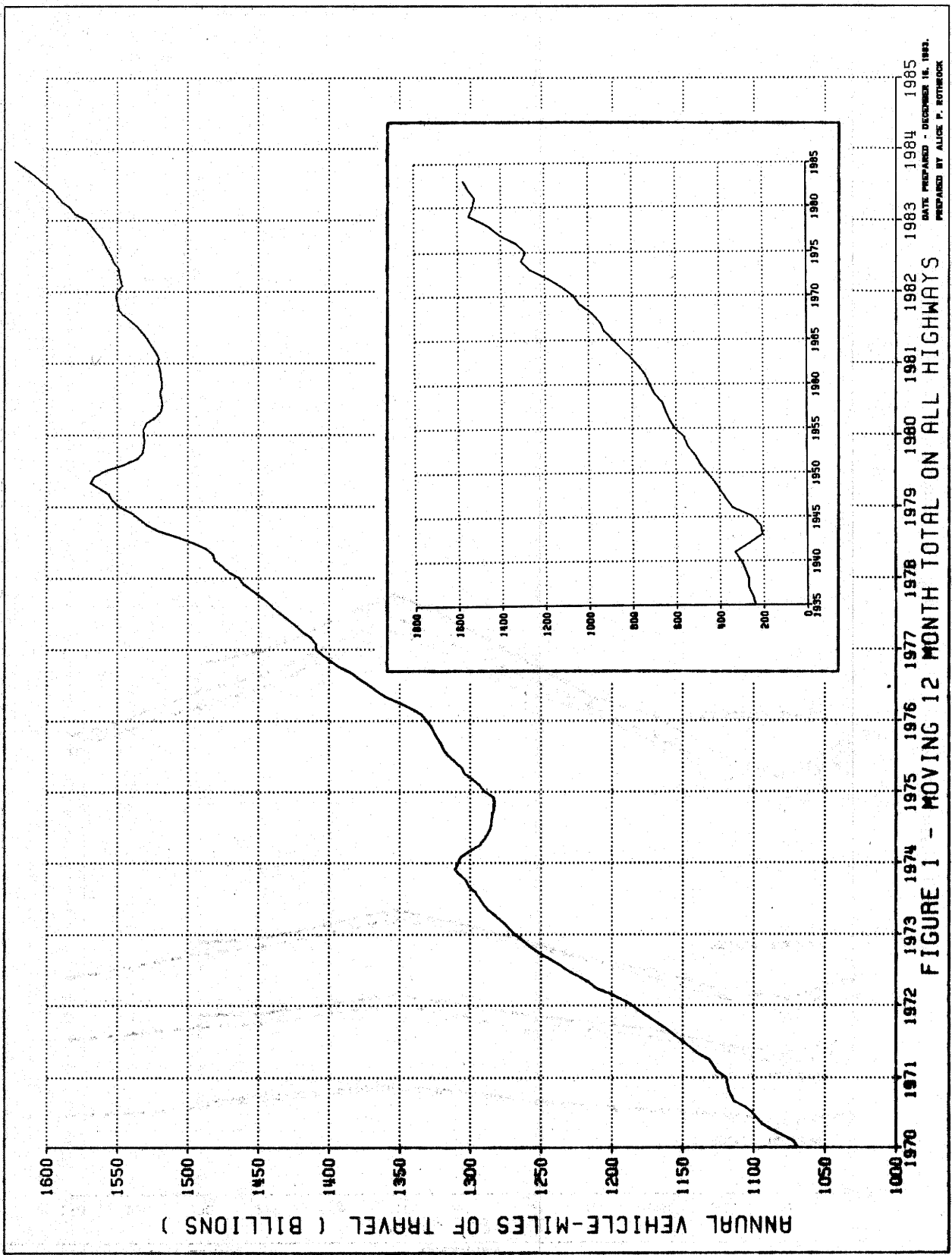
TRAFFIC VOLUME TRENDS IS A MONTHLY REPORT PREPARED BY THE PLANNING SERVICES BRANCH, HIGHWAY STATISTICS DIVISION, BASED ON HOURLY TRAFFIC COUNT DATA. THESE DATA, COLLECTED AT APPROXIMATELY 4000 CONTINUOUS TRAFFIC COUNTING LOCATIONS NATIONWIDE, ARE USED TO DETERMINE THE PERCENT CHANGE IN TRAFFIC FOR THE CURRENT MONTH COMPARED TO THE SAME MONTH IN THE PREVIOUS YEAR. THIS PERCENT CHANGE IS APPLIED TO THE TRAVEL FOR THE SAME PERIOD IN THE PREVIOUS YEAR TO OBTAIN TRAVEL FOR THE CURRENT PERIOD.

FOR EXTRA COPIES, OR TO BE PUT ON THE MONTHLY MAILING LIST, CONTACT: FEDERAL HIGHWAY ADMINISTRATION HIGHWAY STATISTICS DIVISION, ROOM 3300 400 7TH STREETS SW. WASHINGTON, D.C. 20590. PHONE 202 426-8160.

NOTE: BEGINNING WITH 1980 DATA, THE RURAL HIGHWAY CATEGORIES HAVE BEEN CHANGED FROM MAIN RURAL ROADS AND LOCAL RURAL ROADS TO RURAL ARTERIAL ROADS AND OTHER RURAL ROADS. ALTHOUGH THE RURAL COMPONENTS OF THE REVISED DATA SERIES BEGINNING IN 1980 ARE NOT DIRECTLY COMPARABLE WITH THE SERIES PRIOR TO 1980, THE TOTAL RURAL, TOTAL URBAN AND ALL SYSTEM CATEGORIES ARE CONSISTENT.

THE CHANGE HAS BEEN MADE TO PROVIDE CONSISTENCY WITH OTHER FHWA DATA SERIES AND TO ALLOW A MORE REPRESENTATIVE INDICATOR OF INTER-CITY TRAVEL PATTERNS. THE FOLLOWING TABLE SHOWS THE APPROXIMATE RELATIONSHIPS BETWEEN THE FORMER AND REVISED SYSTEM CATEGORIES:

	REVISED CATEGORIES			FORMER CATEGORIES		
	RURAL ARTERIAL	OTHER RURAL ROADS	TOTAL RURAL	MAIN RURAL	LOCAL RURAL	TOTAL RURAL
PERCENT OF TOTAL RURAL MILEAGE	8.2	91.8	100.0	19.0	81.0	100.0
PERCENT OF TOTAL RURAL TRAVEL	59.5	40.5	100.0	78.5	21.5	100.0



DATE PREPARED - DECEMBER 18, 1982.
 PREPARED BY ALICE P. ROTHECK

FIGURE 1 - MOVING 12 MONTH TOTAL ON ALL HIGHWAYS

FIGURE 2-A - TRAVEL ON RURAL ARTERIAL ROADS BY MONTH

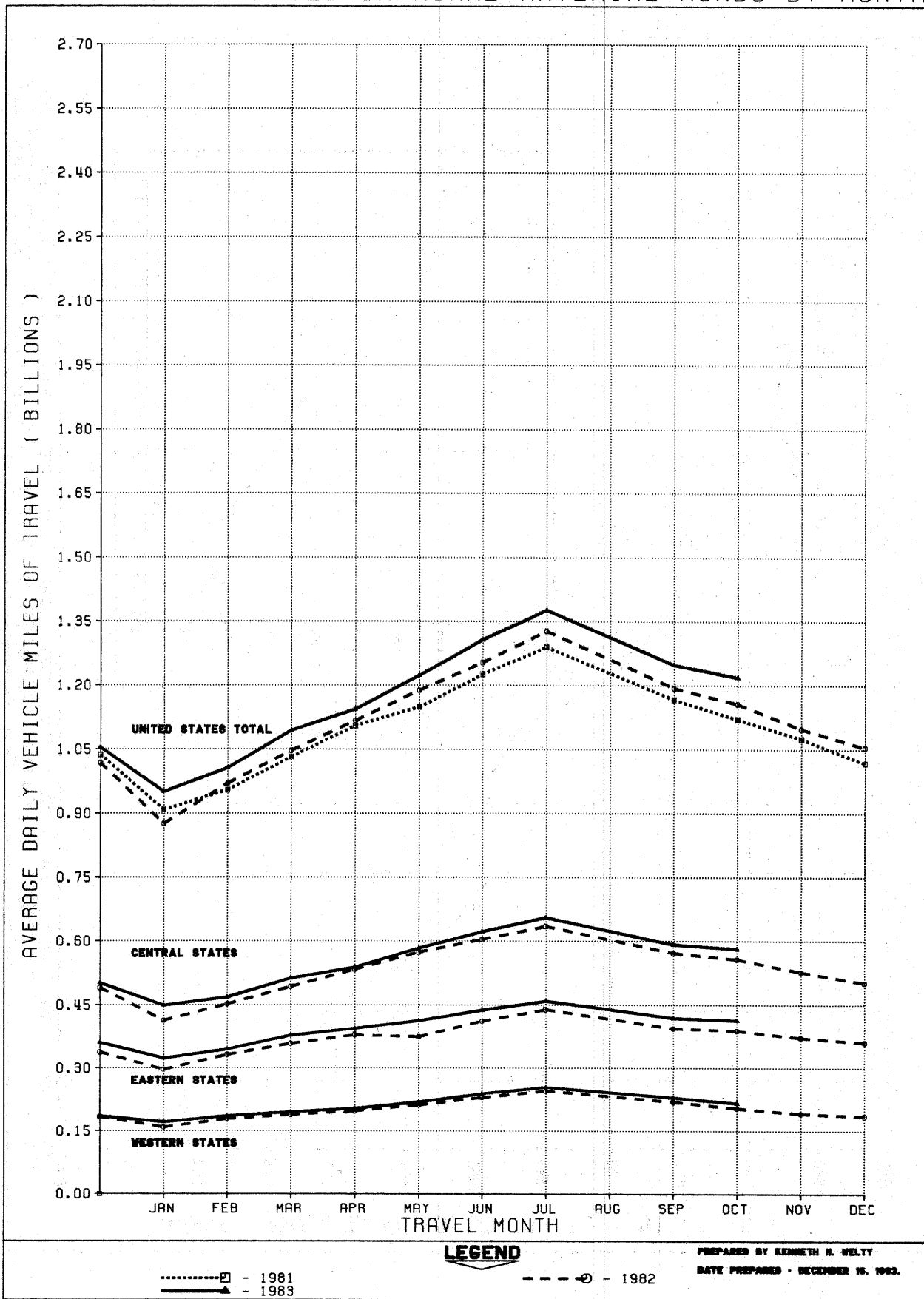


FIGURE 2-B - TRAVEL ON URBAN ROADS AND STREETS BY MONTH

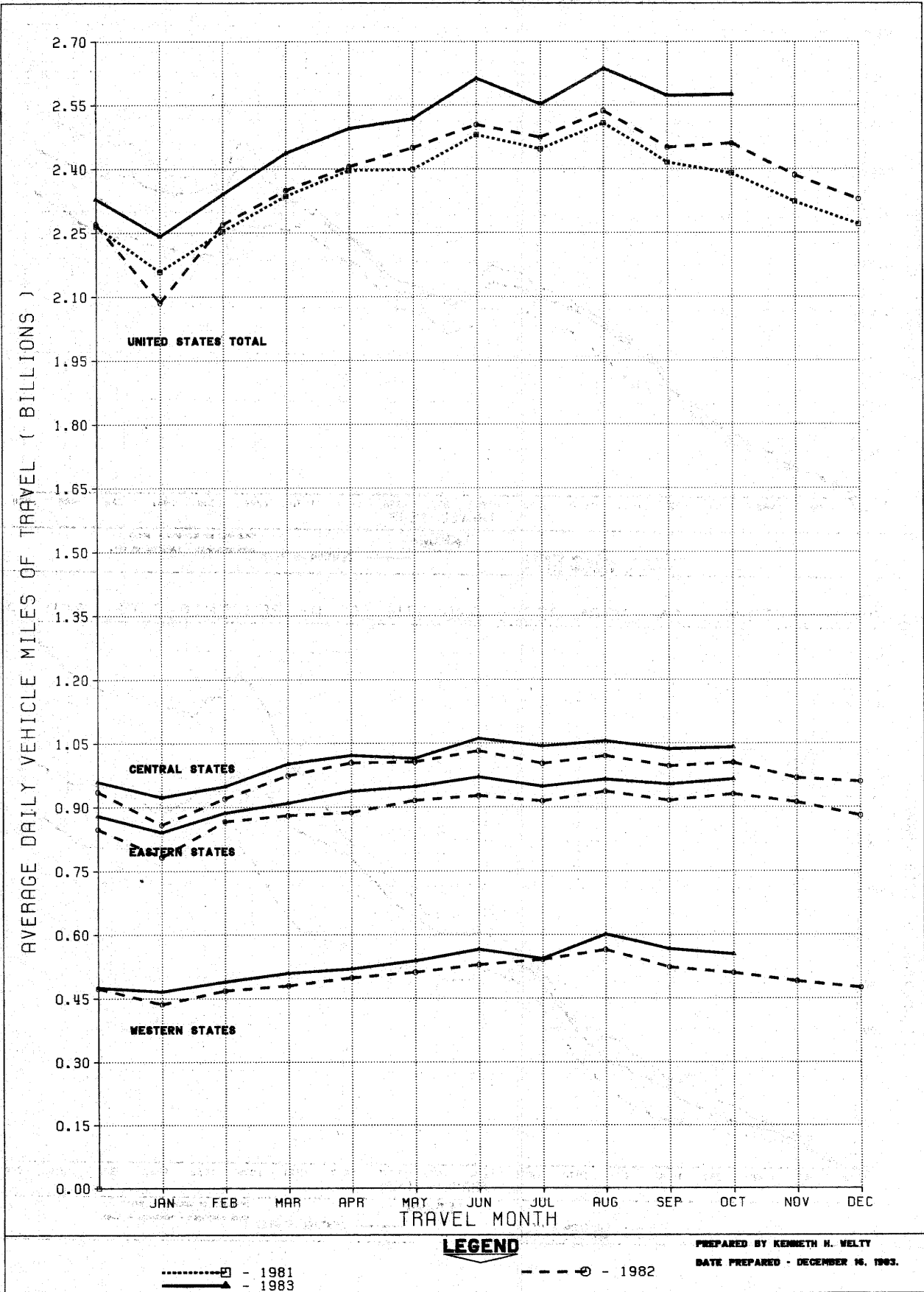


FIGURE 3A - ANNUAL TRAVEL ON ALL RURAL ROADS AS PERCENTAGE OF YEAR 1965

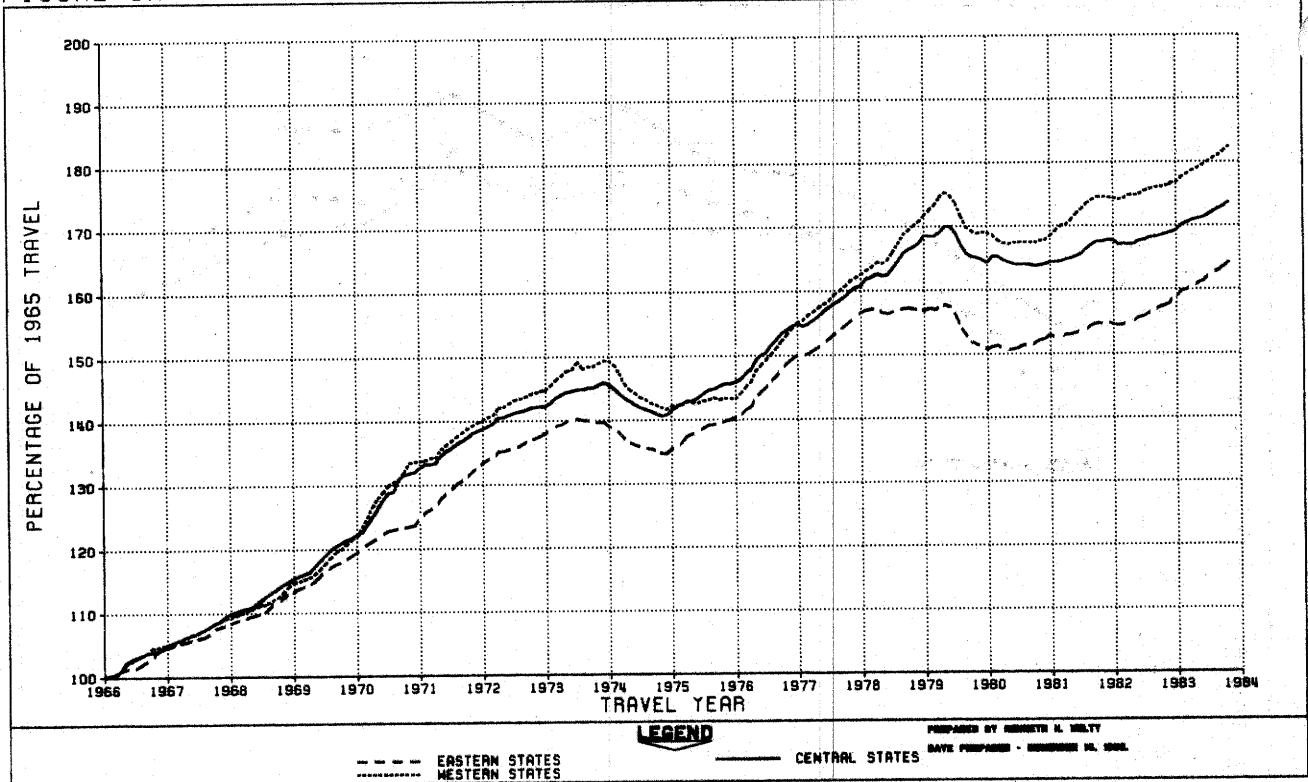


FIGURE 3B - TRAVEL ON URBAN ROADS AND STREETS AS PERCENTAGE OF YEAR 1965

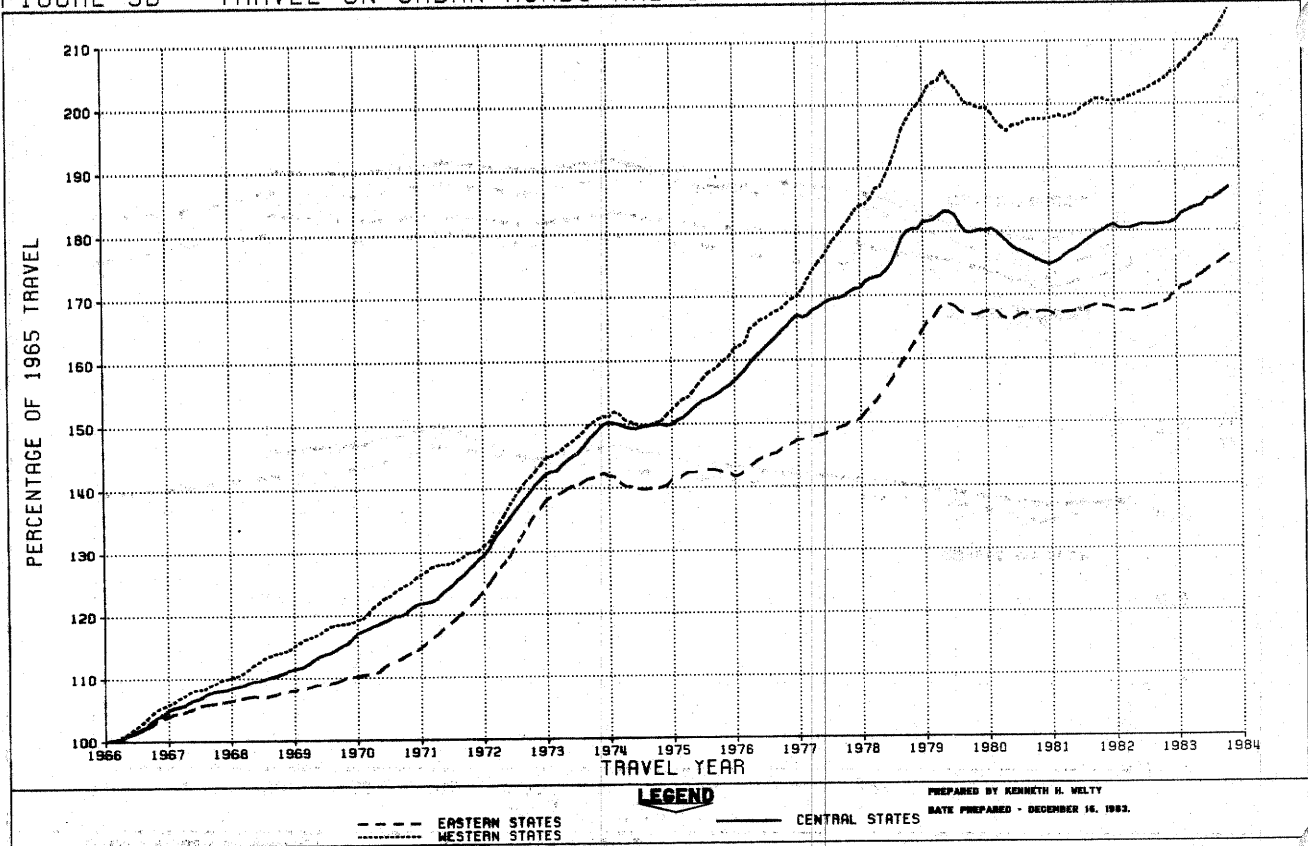


TABLE 1--SUMMARY BY ROAD CLASS AND BY GEOGRAPHIC AREA

CLASS OF ROAD, ALL STATES:	PRELIMINARY DATA FOR OCTOBER			REVISED DATA FOR SEPTEMBER		
	VEHICLE-MILES (MILLIONS)		PERCENTAGE CHANGE	VEHICLE-MILES (MILLIONS)		PERCENTAGE CHANGE
	1983	1982		1983	1982	
RURAL ARTERIAL ROADS.....	37,807	35,875	5.4	37,457	35,819	4.6
OTHER RURAL ROADS.....	25,744	25,824	2.9	24,564	23,939	2.6
ALL RURAL ROADS.....	63,551	60,899	4.4	62,021	59,758	3.8
CITY STREETS.....	79,863	76,284	4.7	77,193	73,532	5.8
ALL ROADS AND STREETS.....	143,414	137,183	4.5	139,214	133,299	4.4
48 STATES (RURAL ARTERIAL):						
EASTERN REGION.....	12,844	12,076	6.4	12,592	11,853	6.2
CENTRAL REGION.....	18,040	17,270	4.5	17,755	17,155	3.8
WESTERN REGION.....	6,705	6,324	6.0	6,897	6,594	4.6
TOTAL.....	37,589	35,670	5.4	37,244	35,602	4.6

TABLE 2--CHANGES ON RURAL ARTERIAL ROADS BY STATES

DIVISION AND STATE	OCTOBER (PRELIMINARY)		SEPTEMBER (REVISED)		DIVISION AND STATE	OCTOBER (PRELIMINARY)		SEPTEMBER (REVISED)	
	NUMBER OF STATIONS	PER-CENTAGE CHANGE	NUMBER OF STATIONS	PER-CENTAGE CHANGE		NUMBER OF STATIONS	PER-CENTAGE CHANGE	NUMBER OF STATIONS	PER-CENTAGE CHANGE
NEW ENGLAND:					EAST SOUTH CENTRAL:				
CONNECTICUT.....	-	-	-	-	ALABAMA.....	14	7.0	24	6.9
MAINE.....	23	4.6	23	5.2	KENTUCKY.....	21	1.2	21	2.2
MASSACHUSETTS.....	5	11.5	5	8.1	MISSISSIPPI.....	35	4.1	40	3.4
NEW HAMPSHIRE.....	51	7.6	54	6.7	TENNESSEE.....	-	-	28	8.2
RHODE ISLAND.....	-	-	6	-12.1	WEST NORTH CENTRAL:				
VERMONT.....	29	5.7	29	1.7	IOWA.....	-	-	-	-
MIDDLE ATLANTIC:					KANSAS.....	63	3.7	59	3.9
NEW JERSEY.....	-	-	-	-	MINNESOTA.....	34	8.3	38	4.7
NEW YORK.....	-	-	-	-	MISSOURI.....	71	4.6	72	4.3
PENNSYLVANIA.....	-	-	-	-	NEBRASKA.....	23	3.3	26	4.5
SOUTH ATLANTIC (NORTH):					NORTH DAKOTA.....	-	-	-	-
DELAWARE.....	12	4.0	13	4.3	SOUTH DAKOTA.....	-	-	26	7.7
MARYLAND.....	-	-	8	5.9	WEST SOUTH CENTRAL:				
VIRGINIA.....	-	3.0	-	3.4	ARKANSAS.....	-	-	-	-
WEST VIRGINIA.....	10	2.0	12	2.8	LOUISIANA.....	-	-	-	-
SOUTH ATLANTIC (SOUTH):					OKLAHOMA.....	38	-3.7	34	-3.8
FLORIDA.....	52	6.9	50	7.2	TEXAS.....	113	5.8	113	4.8
GEORGIA.....	30	3.2	29	7.6	MOUNTAIN:				
NORTH CAROLINA.....	33	6.7	31	6.6	ARIZONA.....	21	4.7	-	-
SOUTH CAROLINA.....	16	8.4	15	8.3	COLORADO.....	42	3.8	43	3.7
EAST NORTH CENTRAL:					IDAHO.....	63	7.1	62	4.3
ILLINOIS.....	28	3.4	28	0.7	MONTANA.....	27	6.9	31	3.5
INDIANA.....	-	-	24	3.6	NEVADA.....	28	6.1	16	3.9
MICHIGAN.....	-	-	-	-	NEW MEXICO.....	-	-	36	3.5
OHIO.....	14	7.8	15	7.7	UTAH.....	19	2.5	22	3.0
WISCONSIN.....	38	4.6	35	2.8	WYOMING.....	29	5.2	33	2.5
ALASKA.....	-	-	-	-	PACIFIC:				
HAWAII.....	3	6.8	3	-4.7	CALIFORNIA.....	13	7.1	15	5.4
					OREGON.....	11	2.1	11	5.1
					WASHINGTON.....	4	9.2	23	6.8

NOTE: 1--RURAL MILEAGE OF EACH MAJOR TOLL ROUTE IS CONSIDERED AS ONE OR MORE STATIONS, DEPENDING ON STATES' METHOD OF REPORTING.

2--WHERE THE NUMBER OF STATIONS IS SHOWN AS A DASH AND A VALUE FOR PERCENTAGE CHANGE IS INDICATED, THE LATTER VALUE IS BASED ON A STATEWIDE ESTIMATE PROVIDED BY THE HIGHWAY AGENCY AS DETERMINED FROM EXTENSIVE TRAFFIC SAMPLING SURVEYS

3--WHERE THE NUMBER OF STATIONS AND THE PERCENTAGE CHANGE ARE SHOWN AS DASHES, INSUFFICIENT INFORMATION WAS AVAILABLE TO DETERMINE AN ESTIMATE.

FEDERAL HIGHWAY ADMINISTRATION
HIGHWAY STATISTICS DIVISION
400 - 7TH STREET, S.W.
WASHINGTON, D.C. 20590

TABLE 3.

ESTIMATED INDIVIDUAL MONTHLY MOTOR VEHICLE TRAVEL IN THE UNITED STATES ***

SYSTEM	MONTH											
	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
1982 INDIVIDUAL MONTHLY VEHICLE-MILES OF TRAVEL IN BILLIONS*												
RURAL ARTERIAL	27.1	27.2	32.5	33.5	36.8	37.6	41.2	41.8	35.8	35.9	33.8	32.7
OTHER RURAL	20.4	20.1	23.5	23.5	25.0	24.5	25.9	25.8	23.9	25.0	23.2	23.0
URBAN	64.7	63.6	72.8	72.2	75.9	75.1	76.7	78.7	73.5	76.3	71.6	72.2
ALL SYSTEMS	112.2	110.8	128.8	129.2	137.8	137.3	143.7	145.5	133.3	137.2	127.7	127.9
1983 INDIVIDUAL MONTHLY VEHICLE-MILES OF TRAVEL IN BILLIONS**												
RURAL ARTERIAL	29.5	28.2	33.9	34.3	37.9	39.2	42.7	42.4	37.5	37.8		
OTHER RURAL	21.4	20.5	24.1	23.8	25.4	25.2	26.6	26.4	24.6	23.7		
URBAN	69.5	65.5	75.6	74.8	78.1	78.4	79.1	81.8	77.2	79.3		
ALL SYSTEMS	120.4	114.3	133.6	132.9	141.4	142.8	148.4	150.5	139.2	143.4		
PERCENT CHANGE IN INDIVIDUAL MONTHLY TRAVEL 1983 VS. 1982												
RURAL ARTERIAL	8.6	3.8	4.5	2.4	3.8	4.3	3.7	3.3	4.6	5.4		
OTHER RURAL	5.1	2.3	2.7	1.1	1.7	2.6	2.7	2.3	2.6	2.9		
URBAN	7.4	3.1	3.7	3.7	2.8	4.4	3.2	4.8	5.8	4.7		
ALL SYSTEMS	7.2	3.1	3.7	2.9	2.6	4.8	3.2	3.5	4.4	4.5		

* THESE ARE PRELIMINARY ESTIMATES WHICH WILL BE REVISED TO AGREE WITH FINAL ESTIMATES OF 1982 ANNUAL TRAVEL PROVIDED BY STATE HIGHWAY DEPARTMENTS.

** TO BE REVISED BASED ON 1982 FINAL TRAVEL ESTIMATES.

*** SYSTEM ENTRIES MAY NOT ADD TO TOTAL "ALL SYSTEMS" DUE TO ROUNDING.

FOR FURTHER INFORMATION CONTACT KENNETH WELTY, HIGHWAY STATISTICS DIVISION, FEDERAL HIGHWAY ADMINISTRATION. 202-426-6160.

FEDERAL HIGHWAY ADMINISTRATION
HIGHWAY STATISTICS DIVISION
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TABLE 4.
ESTIMATED CUMULATIVE MONTHLY MOTOR VEHICLE TRAVEL IN THE UNITED STATES ***

SYSTEM	MONTH											
	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
1982 CUMULATIVE MONTHLY VEHICLE-MILES OF TRAVEL IN BILLIONS*												
RURAL ARTERIAL	27.1	54.3	86.8	120.3	157.1	194.7	235.9	276.9	312.7	348.6	381.6	414.2
OTHER RURAL	20.4	40.5	63.9	87.4	112.5	137.0	162.9	188.7	212.6	237.7	260.9	283.9
URBAN	64.7	128.2	201.1	273.2	349.2	424.3	501.0	579.6	653.2	729.5	801.8	873.2
ALL SYSTEMS	112.2	223.0	351.8	480.9	618.7	756.0	899.8	1045.2	1178.5	1315.7	1443.5	1571.4
1983 CUMULATIVE MONTHLY VEHICLE-MILES OF TRAVEL IN BILLIONS**												
RURAL ARTERIAL	29.5	57.7	91.6	125.9	163.8	203.0	245.7	288.1	325.5	363.3		
OTHER RURAL	21.4	42.0	66.1	99.8	115.3	140.4	167.0	193.4	218.8	243.7		
URBAN	69.5	135.0	210.5	285.4	363.4	441.9	521.0	602.8	680.0	759.8		
ALL SYSTEMS	120.4	234.6	368.2	501.1	622.5	785.3	933.7	1084.3	1223.5	1366.9		
PERCENT CHANGE IN CUMULATIVE MONTHLY TRAVEL 1983 VS. 1982												
RURAL ARTERIAL	8.6	6.2	5.5	4.7	4.3	4.3	4.2	4.0	4.1	4.2		
OTHER RURAL	5.1	3.7	3.3	2.7	2.5	2.5	2.5	2.5	2.5	2.6		
URBAN	7.4	5.3	4.7	4.5	4.1	4.1	4.0	4.0	4.1	4.2		
ALL SYSTEMS	7.2	5.2	4.7	4.2	3.8	3.9	3.8	3.7	3.8	3.9		

* THESE ARE PRELIMINARY ESTIMATES WHICH WILL BE REVISED TO AGREE WITH FINAL ESTIMATES OF 1982 ANNUAL TRAVEL PROVIDED BY STATE HIGHWAY DEPARTMENTS.

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