

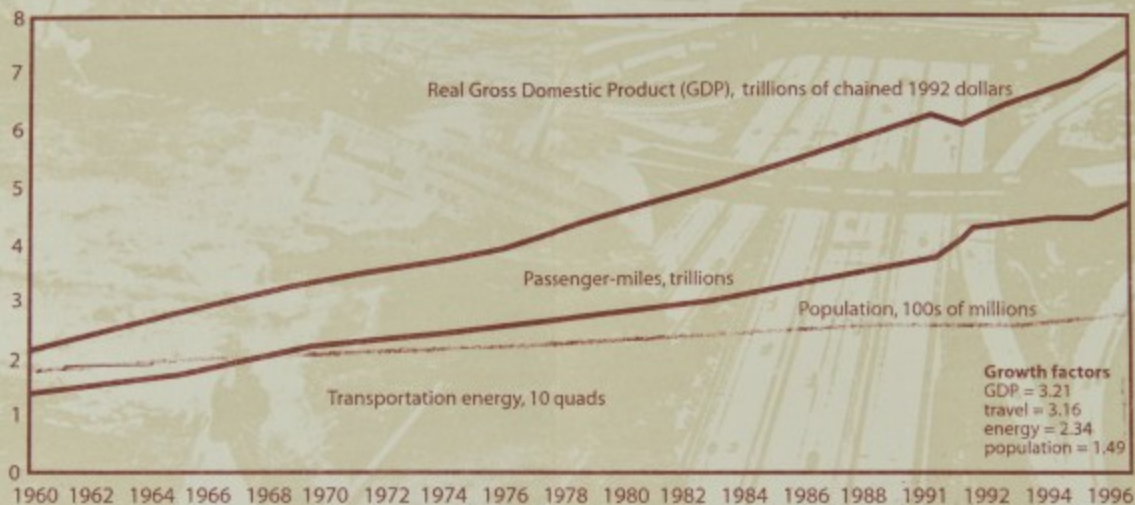
ROAD

WILL



Figure 5-1

Transportation Energy and Economic Activity: 1960-97



SOURCES: U.S. Department of Transportation, Bureau of Transportation Statistics, *National Transportation Statistics, 1999* (Washington, DC: Forthcoming); U.S. Department of Commerce, Bureau of Economic Analysis, *Survey of Current Business, December 1998*.

"When I filled my SUV with gas down to the Weigel's station on Middlebrook Pike I had to wait behind one of those new Lincoln Navigators at the pump. They sure look nice, but man, it took that guy forever to fill up his 30-gallon tank."^{5,6,7,8}

Dan Pack, 29, Jeep Gran Cherokee



ROADKILL NOTES

"Well, yeah, the monthly payments are pretty high — I've heard people talk about "sticker shock" before — but I darn near choked when I first heard the price — but I guess it's worth it."

Alberto Benes, 35, Mitsubishi Montero Sport

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more carcinogenic together than in separate exposures.

Nolt, et al, *What Have We Done?*, Earth Knows Publications, 1997

19. Federal funding has provided Tennessee with the additional funds it needed to improve its maintenance of the interstate system. This system has almost 30 percent of all the traffic in Tennessee. Tennessee's interstate is over 40 years old, and needs maintenance and improvements; several interchanges are being redesigned to allow traffic to flow more easily thereby, improving congestion.

Tennessee Dept. of Transportation, 2001

20. Percentage of roadless area within Tennessee's National Parks: 12.2
U.S. Dept. of Agriculture, 2001

21. Microscopic asbestos particles are released from brake pads when they are applied. Data on braking release of asbestos into the environment are lacking, but the Seattle Post-Intelligencer had tests conducted by government-certified laboratories that found alarmingly high levels of asbestos contamination in gas stations and brake-repair shops in the District of Columbia and six states. Samples were collected of dust from floors, work areas and tool bins in 31 brake-repair garages in Baltimore, Boston, Chicago, Denver, Richmond, Seattle and Washington, D.C. Asbestos, almost exclusively chrysotile, which has been used for decades in brakes, was detected in 28 of the locations. The amount of asbestos in the dust ranged from 2.26 percent to 63.8 percent. Personnel working for the U.S. Environmental Protection Agency (EPA) entering any area where asbestos contamination of material is 1 percent or higher are required to wear protective suits and full-face

respirators. NHTSA (National Highway Traffic Safety Administration) asks brake manufacturers to certify that their brakes meet certain performance standards, but does not require brake manufacturers to list the ingredients in their brakes or remove asbestos from their composition.

Various sources

22. Currently, vehicle brakes and geologic sources are the predominant contributors to outdoor air [asbestos contamination].

American Thoracic Society report, 1988

23. A reported study identified talking on a cell phone as roughly equivalent to having consumed two strong drinks of alcohol in its effects on driving. Also, many people tend to slow down while talking on the phone; a Federal study found that people who habitually drove 10 mph below the posted speed limit were 20 times more likely to cause an accident than people who habitually drove 10 mph above the posted speed limit.

24. Many people perceive that the 1991 Gulf War was basically fought to protect U.S. access to Persian Gulf oil supplies. In June 1991 the U.S. estimated that more than 100,000 Iraqi soldiers died, 300,000 were wounded. Some human rights groups believe that Iraqi casualties were actually higher. The United States suffered 148 killed in action, 458 wounded, 121 killed in nonhostile actions and 11 female combat deaths. Estimates vary, but the Gulf War may have cost over \$150 billion. According to the UN, 600,000 children have died as a result of the embargo on Iraq since the War.

Various sources



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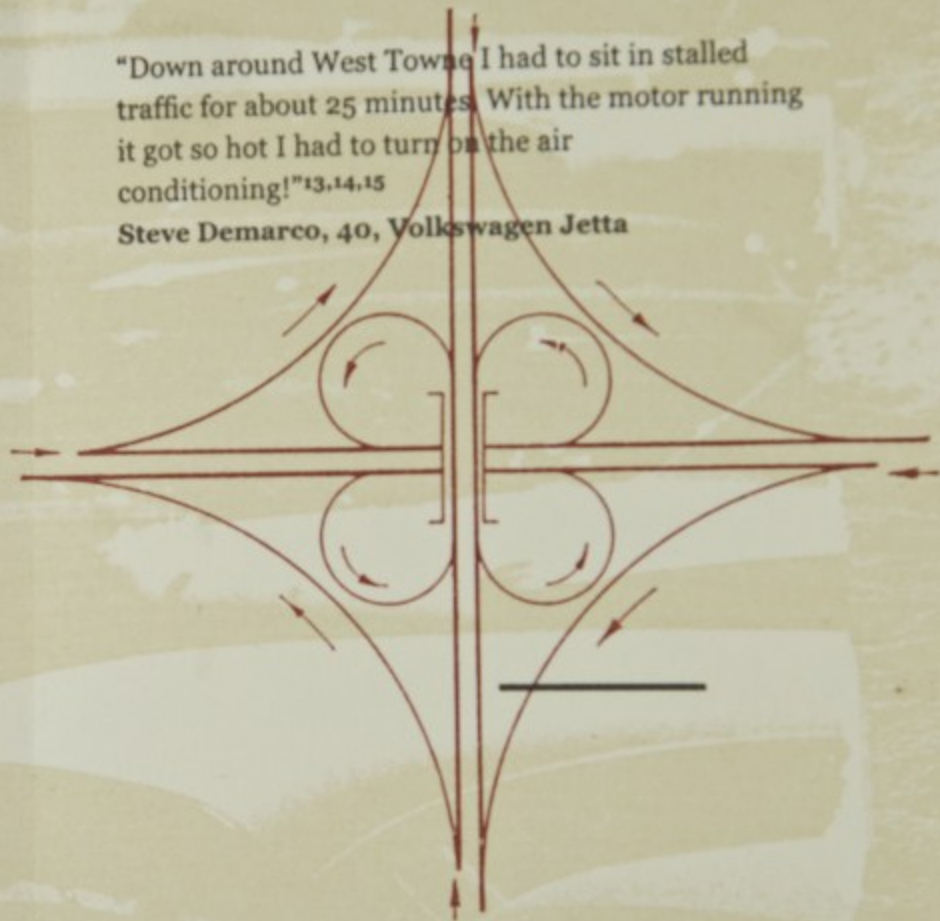


Map showing oil production and transportation routes. 1995



"Down around West Towne I had to sit in stalled traffic for about 25 minutes. With the motor running it got so hot I had to turn on the air conditioning!"^{13,14,15}

Steve Demarco, 40, Volkswagen Jetta



Court South health club and worked minutes on the stationary bike. Boy, the girls are so aggressive about cycle space in front of the big glass guys drivin' by can see them."^{11,12}

25, Saturn SL