

Approved: 1/17/96  
Date

MINUTES OF THE SENATE COMMITTEE ON TRANSPORTATION AND UTILITIES.

The meeting was called to order by Chairman Ben Vidricksen at 9:00 a.m. on January 11, 1996 in Room 254-E of the Capitol.

All members were present except:

Committee staff present: Hank Avila, Legislative Research Department  
Ben Barrett, Legislative Research Department  
Bruce Kinzie, Revisor of Statutes  
Martha Ozias, Committee Secretary

Conferees appearing before the committee:  
Mike Lackey - KDOT

Others attending: See attached list

Mike Lackey presented the "Status of the Comprehensive Highway Program" to the committee and explained the various maps, graphs and charts detailing past projects and future goals of the Kansas Department of Transportation. Questions were raised and discussed and estimated construction costs were reviewed.  
(Attachment 1)

The next meeting is scheduled for January 17, 1996.



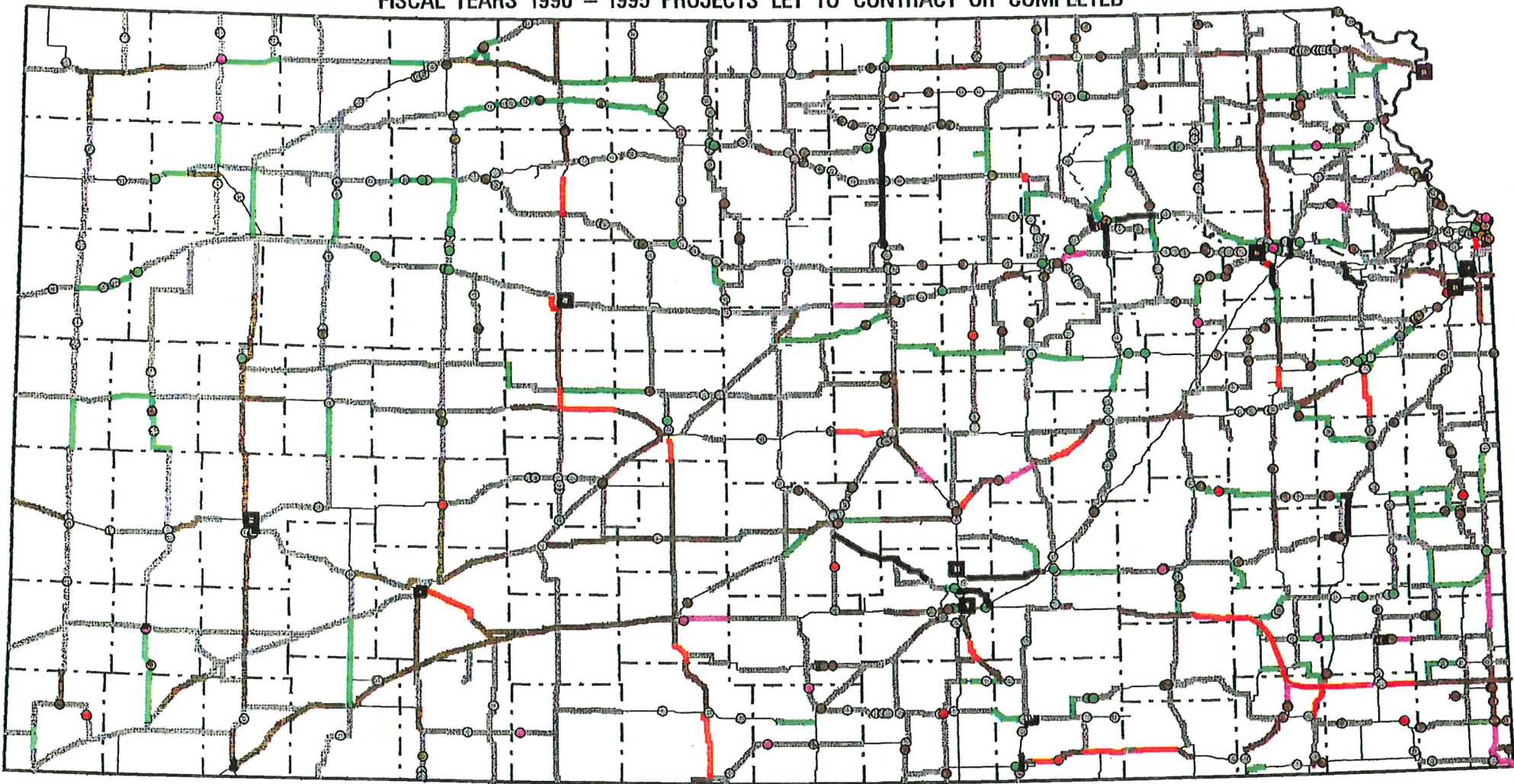
# **STATUS OF THE COMPREHENSIVE HIGHWAY PROGRAM**

Presentation to the  
**Senate Committee on  
Transportation and Utilities**

January 11, 1996  
Kansas Department of Transportation

# KANSAS COMPREHENSIVE HIGHWAY PROGRAM

FISCAL YEARS 1996 - 1997 PLAN  
 FISCAL YEARS 1991 - 1997 SYSTEM ENHANCEMENT PROJECTS  
 FISCAL YEARS 1990 - 1995 PROJECTS LET TO CONTRACT OR COMPLETED



**SUBSTANTIAL MAINTENANCE PROJECTS**  
 - - - 1990 - 95 ROADWAY  
 ⊙ 1990 - 95 BRIDGE  
 — 1996 ROADWAY  
 ● 1996 BRIDGE

**SYSTEM ENHANCEMENT PROJECTS**  
 — 1991-1997 ROADWAY  
 ■ 1991-1997 INTERCHANGE /SEPARATION

**MAJOR MODIFICATION AND PRIORITY BRIDGE PROJECTS**  
 — 1996 ROADWAY  
 ● 1996 PRIORITY BRIDGES  
 — 1997 ROADWAY  
 ● 1997 PRIORITY BRIDGES  
 — 1990 - 1995 MAJOR MODIFICATION AND PRIORITY  
 ● BRIDGE PROJECTS LET TO CONTRACT OR COMPLETED

# Substantial Maintenance Program:

---

- 22% of the 8-year construction expenditures
- Over 9,500 miles total
- Over 450 bridges and culverts
- Approximately 2,000 projects

5/31/1995

# Major Modification Program:

---

- 54% of the 8-year construction expenditures
- 130 miles of Interstate & 165 bridges
- 1,641 miles of non-Interstate and 399 bridges
- Approximately 450 projects

5/31/1995

# Priority Bridge Program:

---

- 5% of the 8-year construction expenditures
- 188 bridges

5/31/1995

# System Enhancement Program:

---

- 19% of the 8-year construction expenditures
- \$896 million total project cost, including \$175 million local funds
- 33 projects  
(18 corridors, 8 interchanges, 7 bypasses)
- 12 projects under construction  
9 projects are yet to be let  
12 projects completed and open to traffic

11/1995



# Other Requirements:

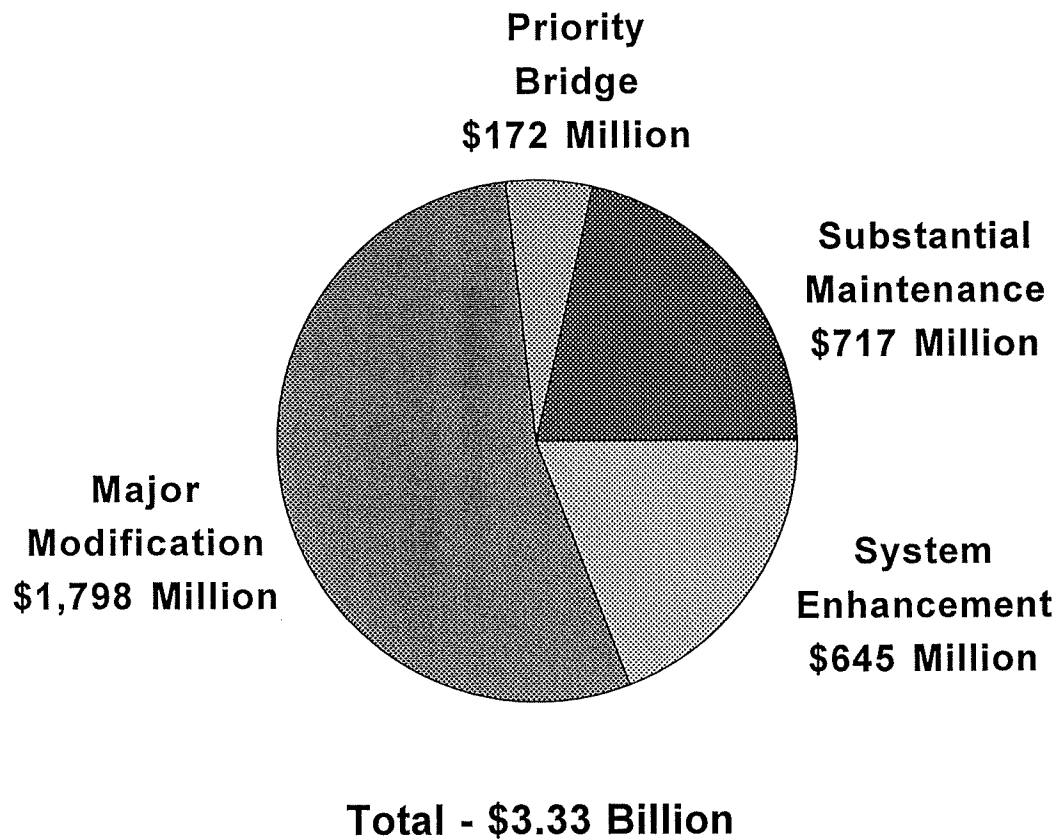
---

- \$2.5 million to be expended in each county
- \$390,000 per year dedicated to improve the mobility of the disabled and elderly  
- increased to \$1 million in 1994
- Increase in Special City and County Highway Fund and City Connecting Link payments

5/31/1995

# Kansas Comprehensive Highway Program

Estimated Construction Cost  
FY 1990 - 1997

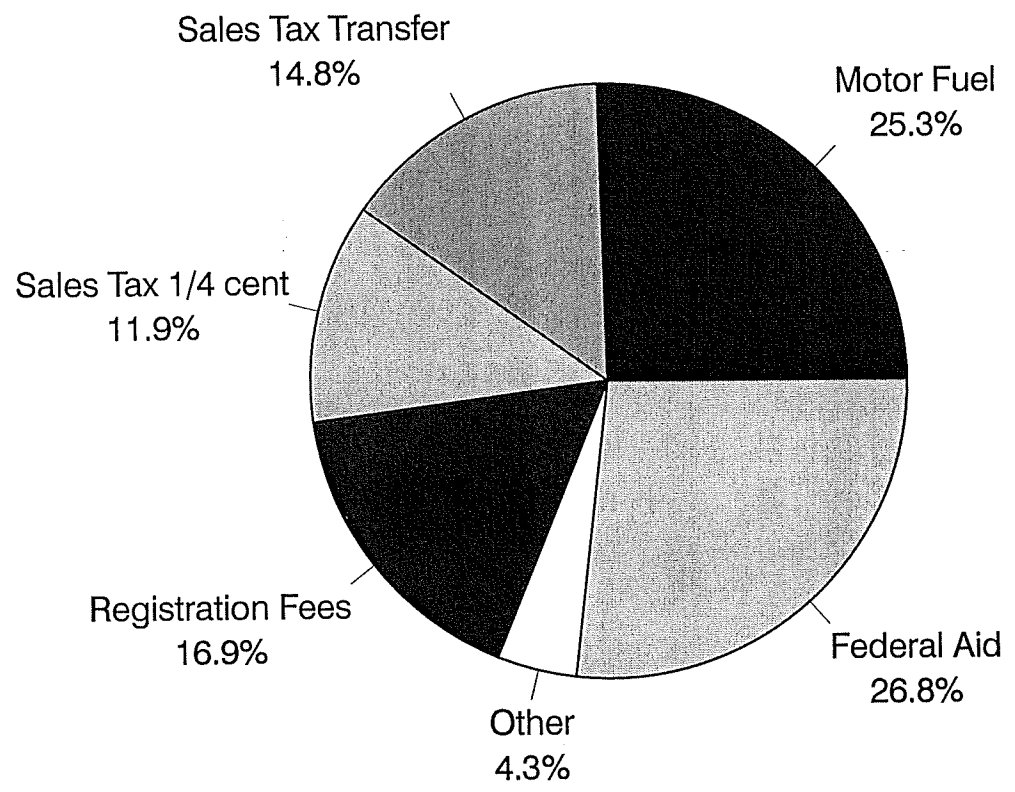


5/31/1995

*PLANNING FOR  
FY 1998 - 2000*

*INTERIM PROJECTS  
AND  
PLAN PRODUCTION*

# State Highway Fund Revenues Including Federal-Aid Kansas Department of Transportation FY 1998 - 2000



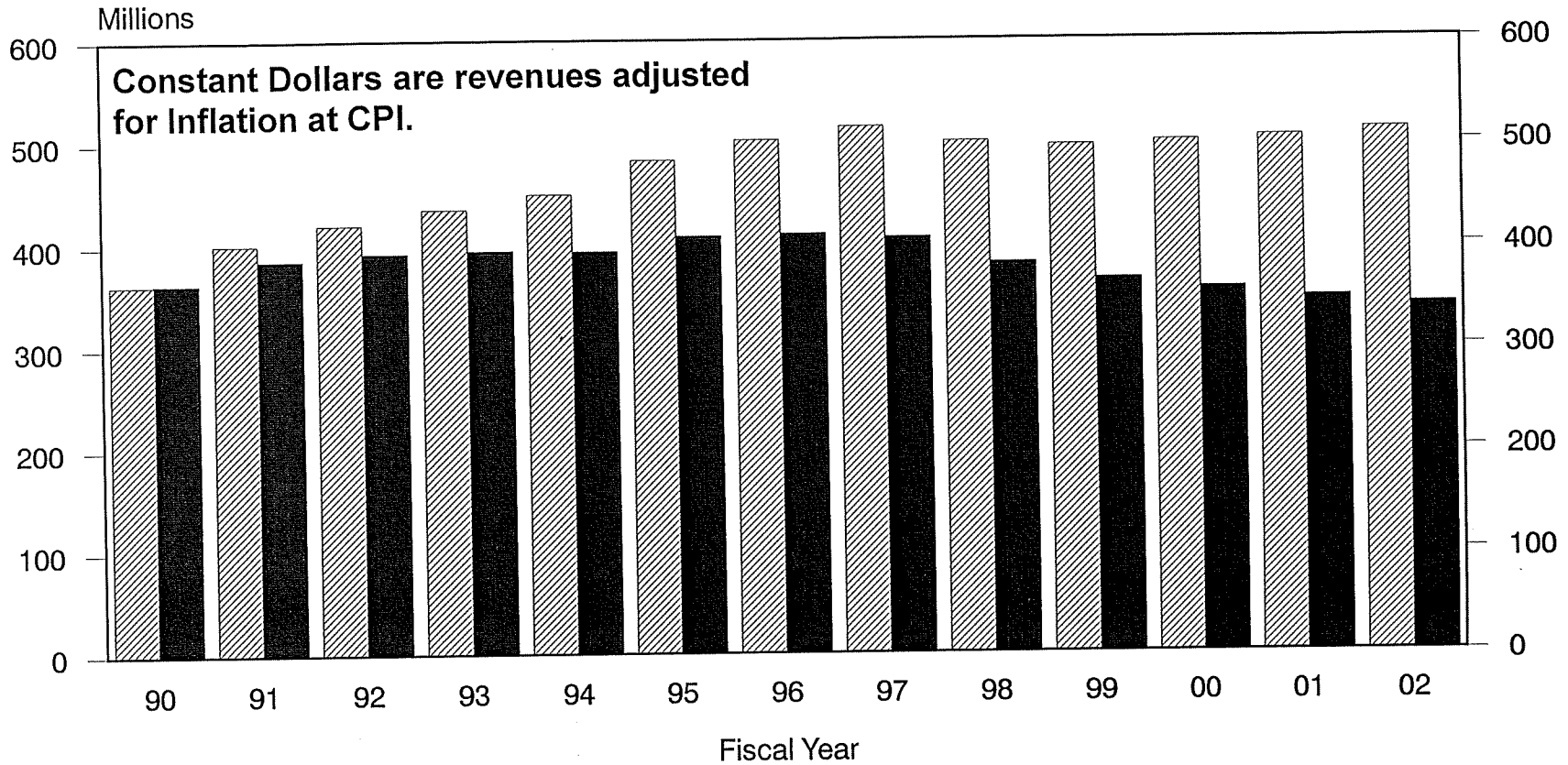
Anticipated Cash Flow

1-11

# State Revenues

## Before Federal Reimbursements & Bond Sales

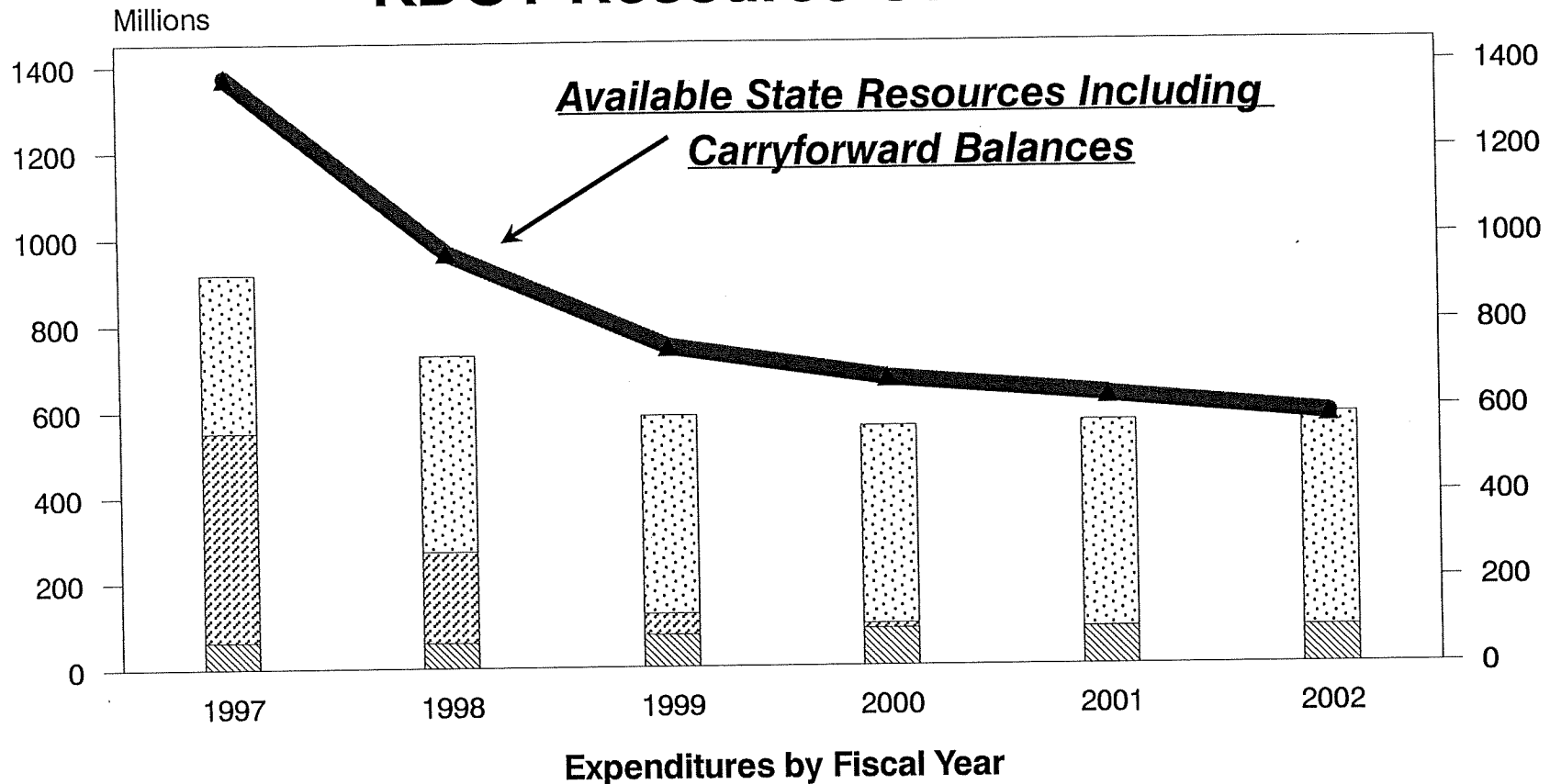
### STATE HIGHWAY FUND



▨ Jan 96 Est (90-95 Actual) ■ Constant Dollars (1990 = 100)

Excludes Federal & Local Reimbursements and Federal Aid to Locals in the Restricted Fees Fund  
Includes Motor Fuel Taxes deposited in the State Freeway Fund

# Projected KDOT Resource Utilization

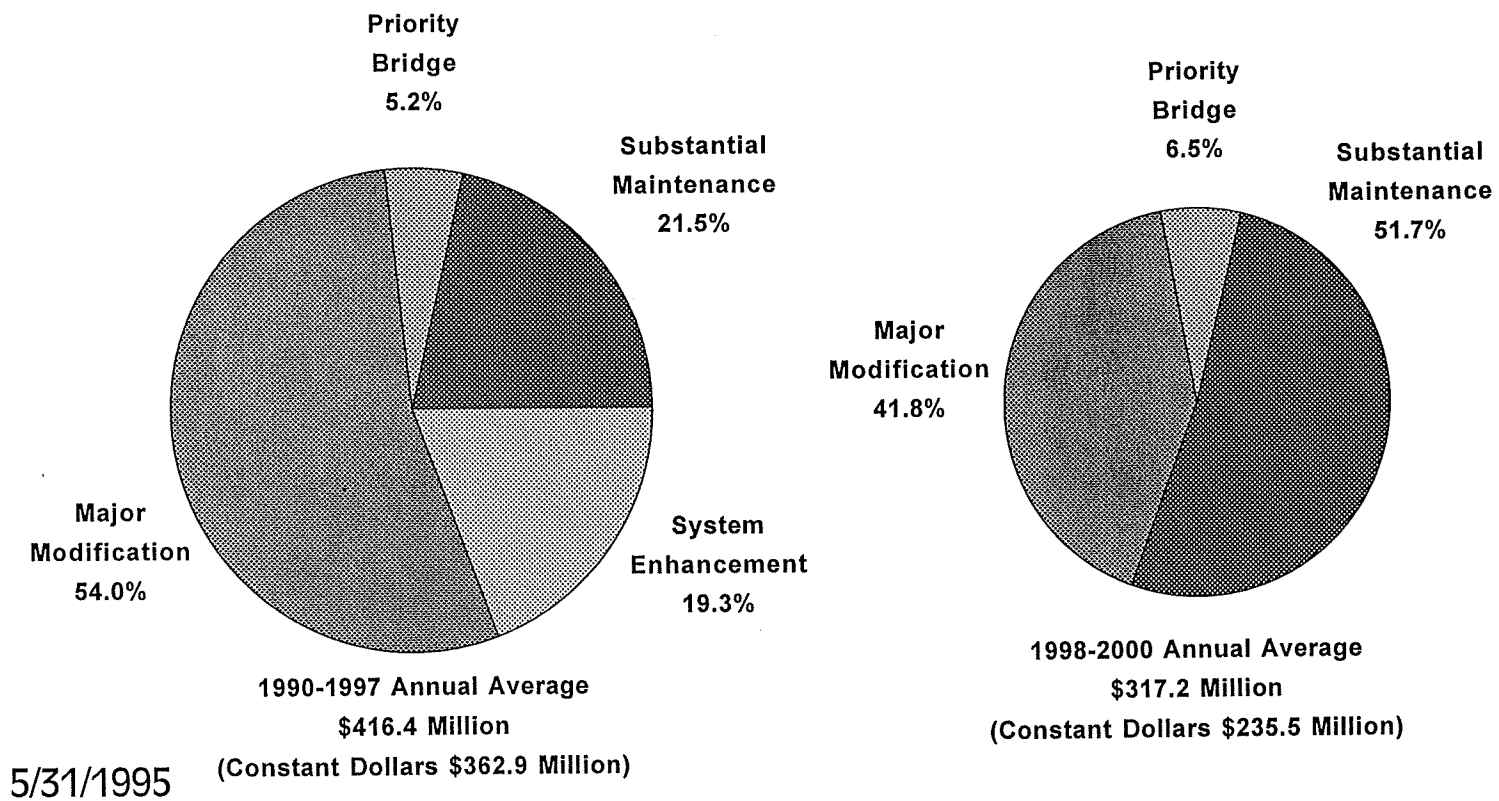


Debt Service
  Comp. Highway Program Completion
  Other Expenditures \*

\* Other Expenditures includes Agency Operations, Transfers and Buildings for FY 1997 and subsequent years; Substantial Maintenance Contracts let in FY 1998 and thereafter and State funds required to match Federal Aid on projects let in FY 1998 and subsequent years.

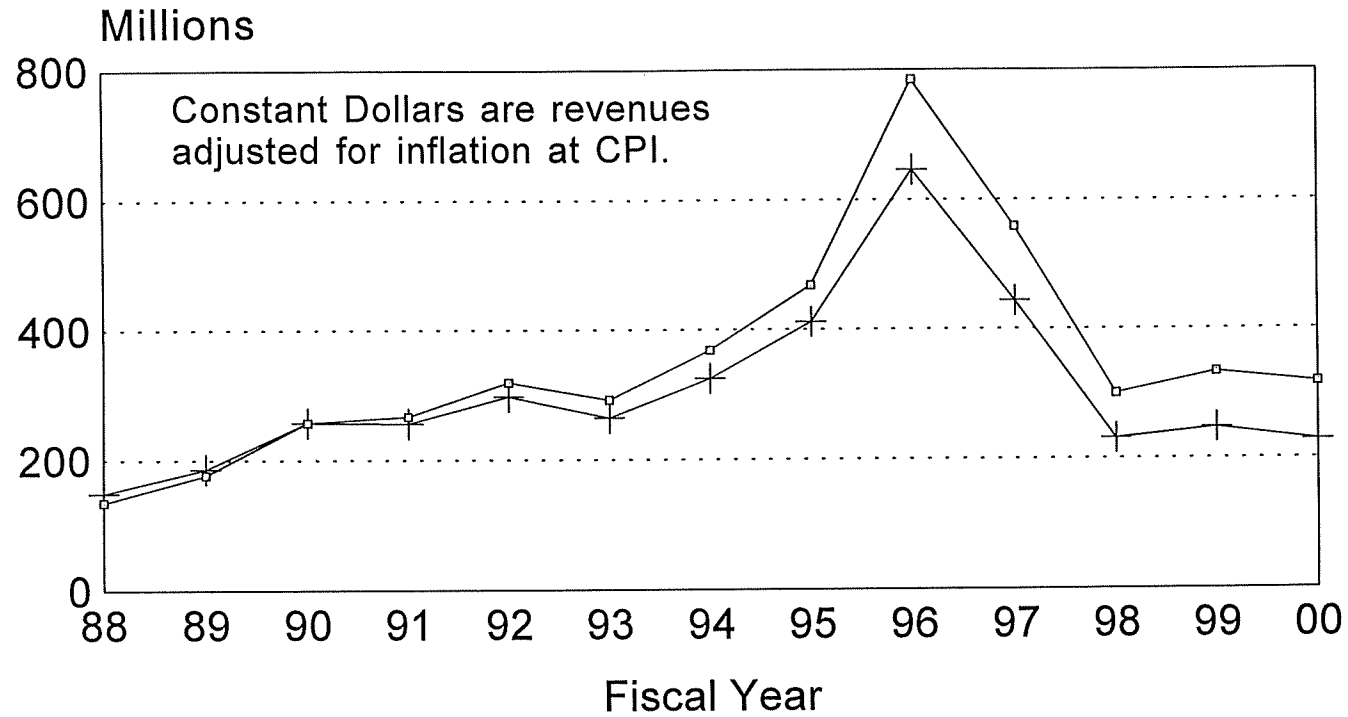
Note: Federal Reimbursement has been netted against construction expenditures.

# Comparison of Estimated Construction FY 1990-2000



# Comparison of Total Construction

## FY 1988-2000



—□— 6/95 Est(88-94 Actual) + Constant \$ (1990=100)

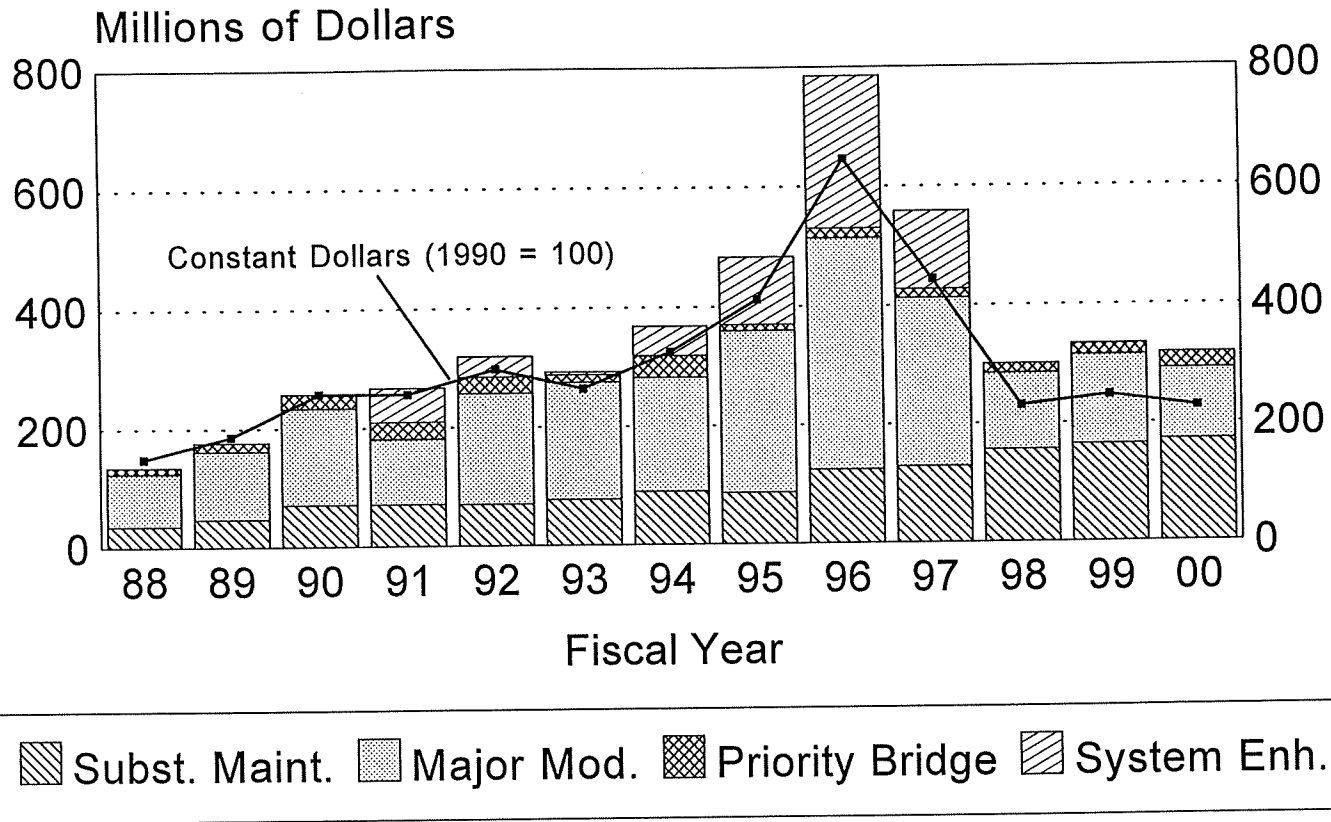
5/31/1995

1-14



# Comparison of Total Construction

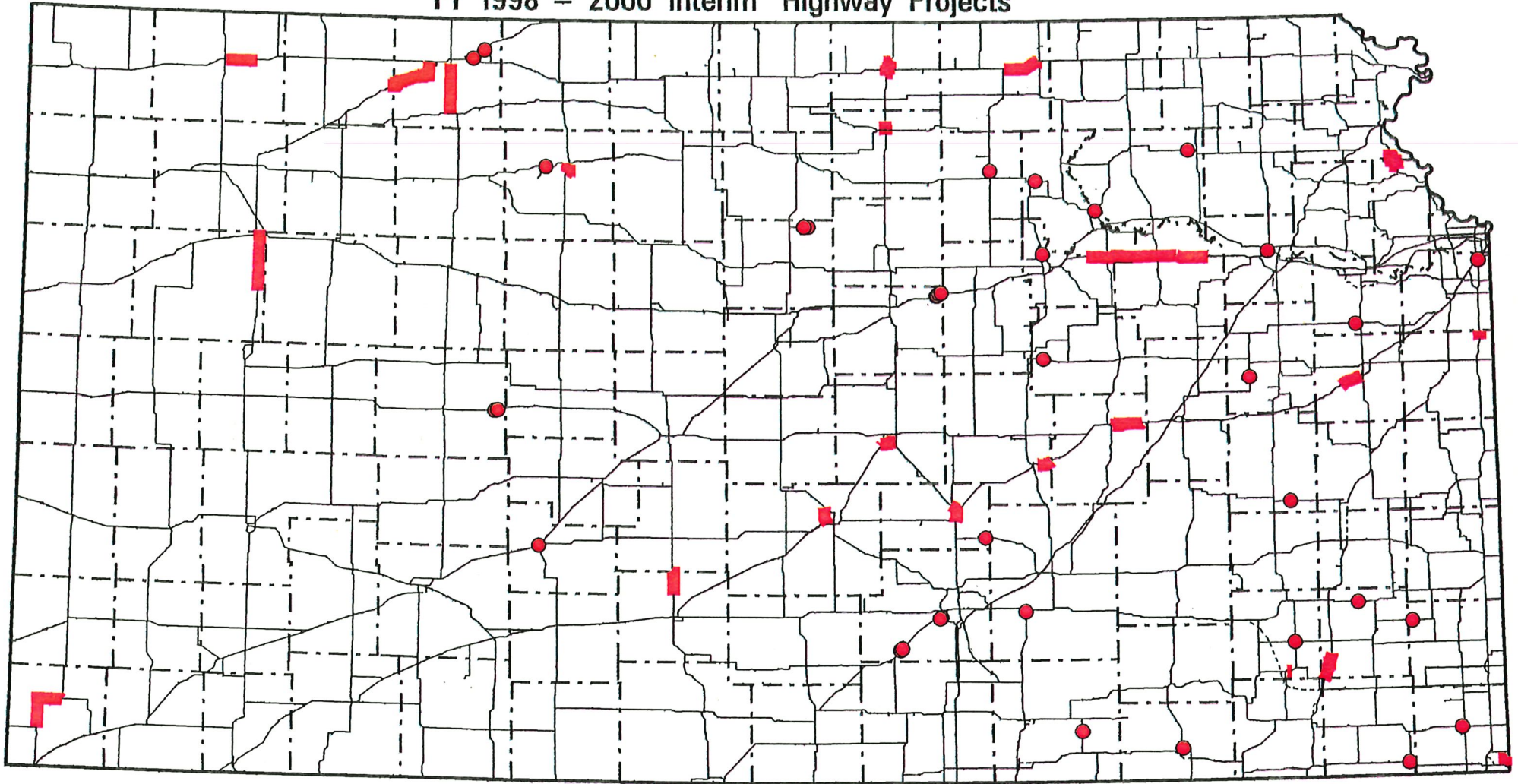
FY 1988-2000





5/31/1995

Constant Dollars are revenues adjusted for inflation at CPI.

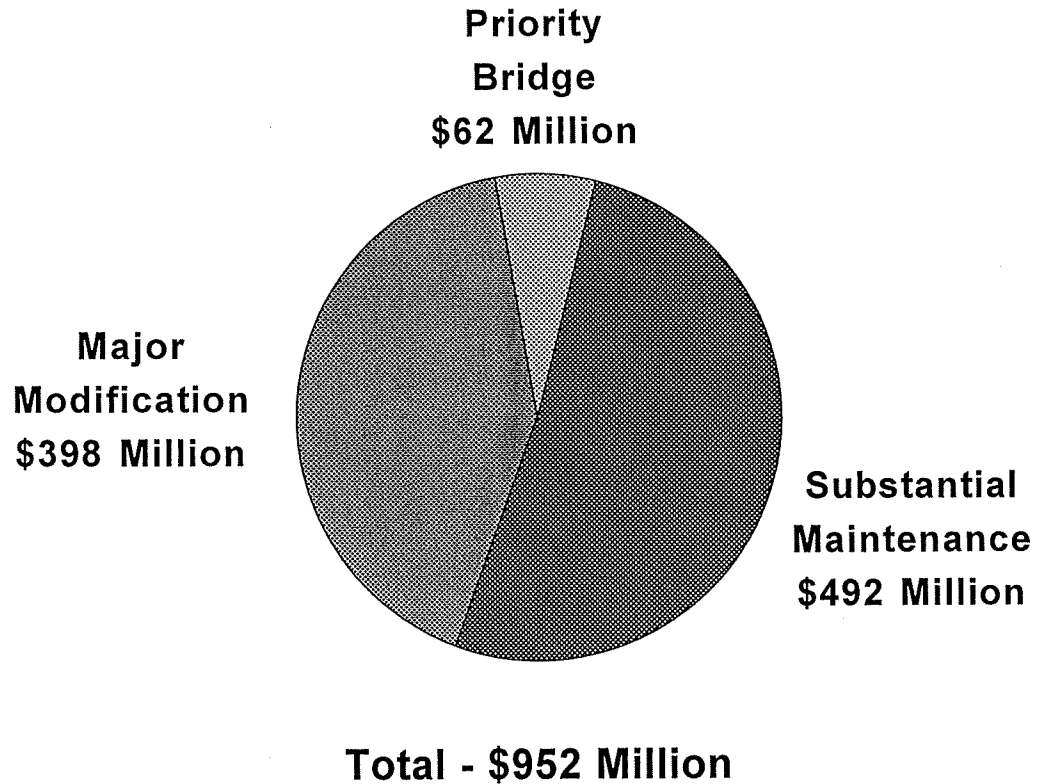
### FY 1998 - 2000 Interim Highway Projects



-  1998 - 2000 Major Modification
-  1998 - 2000 Priority Bridge

# Interim Highway Projects

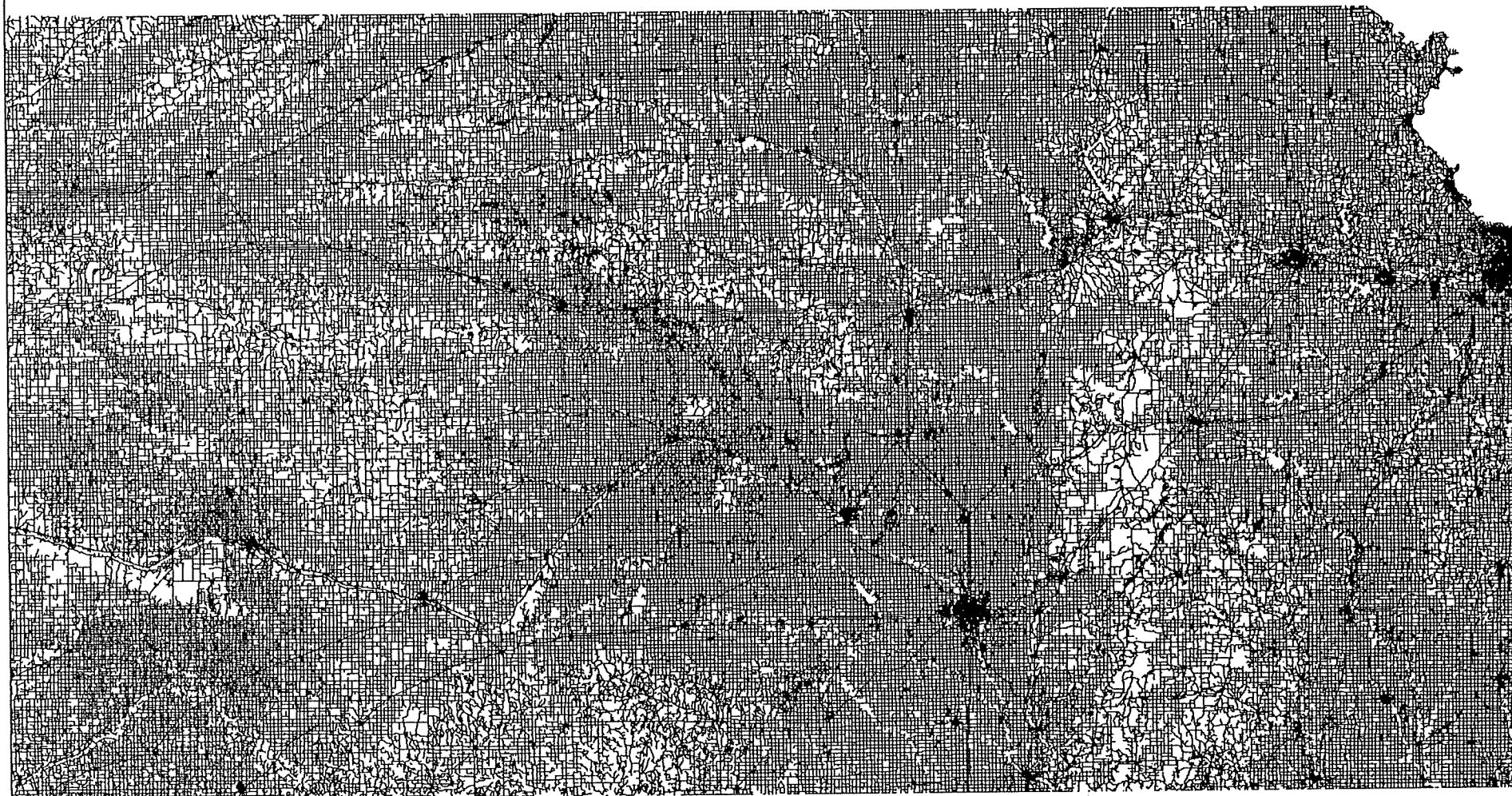
## Estimated Construction Cost FY 1998 - 2000



5/31/1995

*Future  
Transportation  
Needs*

# All Roads in Kansas - 1990

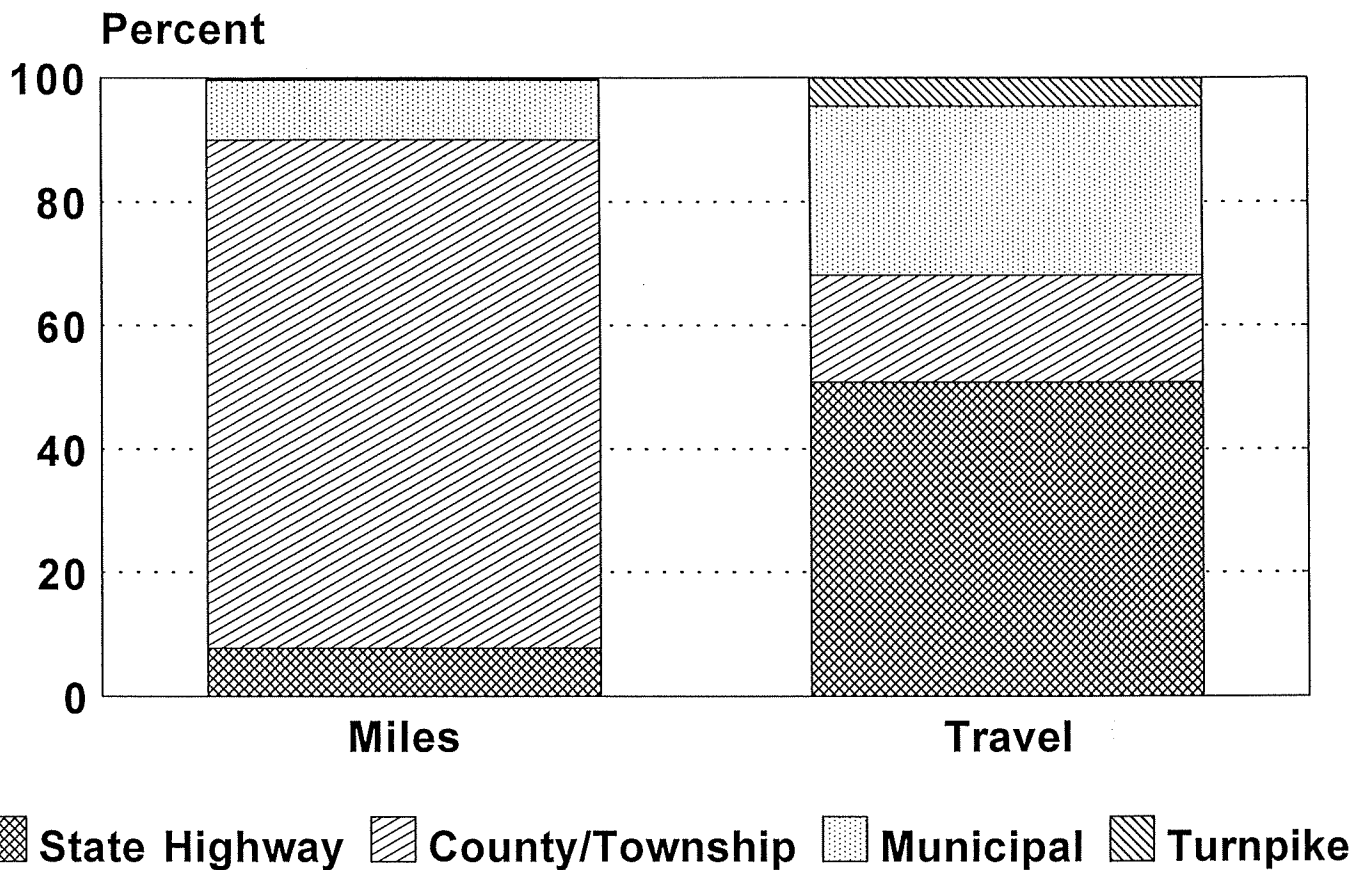


## COMPARISON OF PUBLIC ROAD MILES & POPULATION

State	<u>Public Road Miles</u>		1990 Population
	Ranking	Miles	
Texas	1	294,142	16,986,510
California	2	169,201	29,760,021
Illinois	3	136,965	11,430,602
Kansas	4	133,257	2,477,574

1993 Data

# Kansas Public Road Miles Percent by Jurisdiction -1993



12/28/1994

## Deficiencies on the State System after CHP:

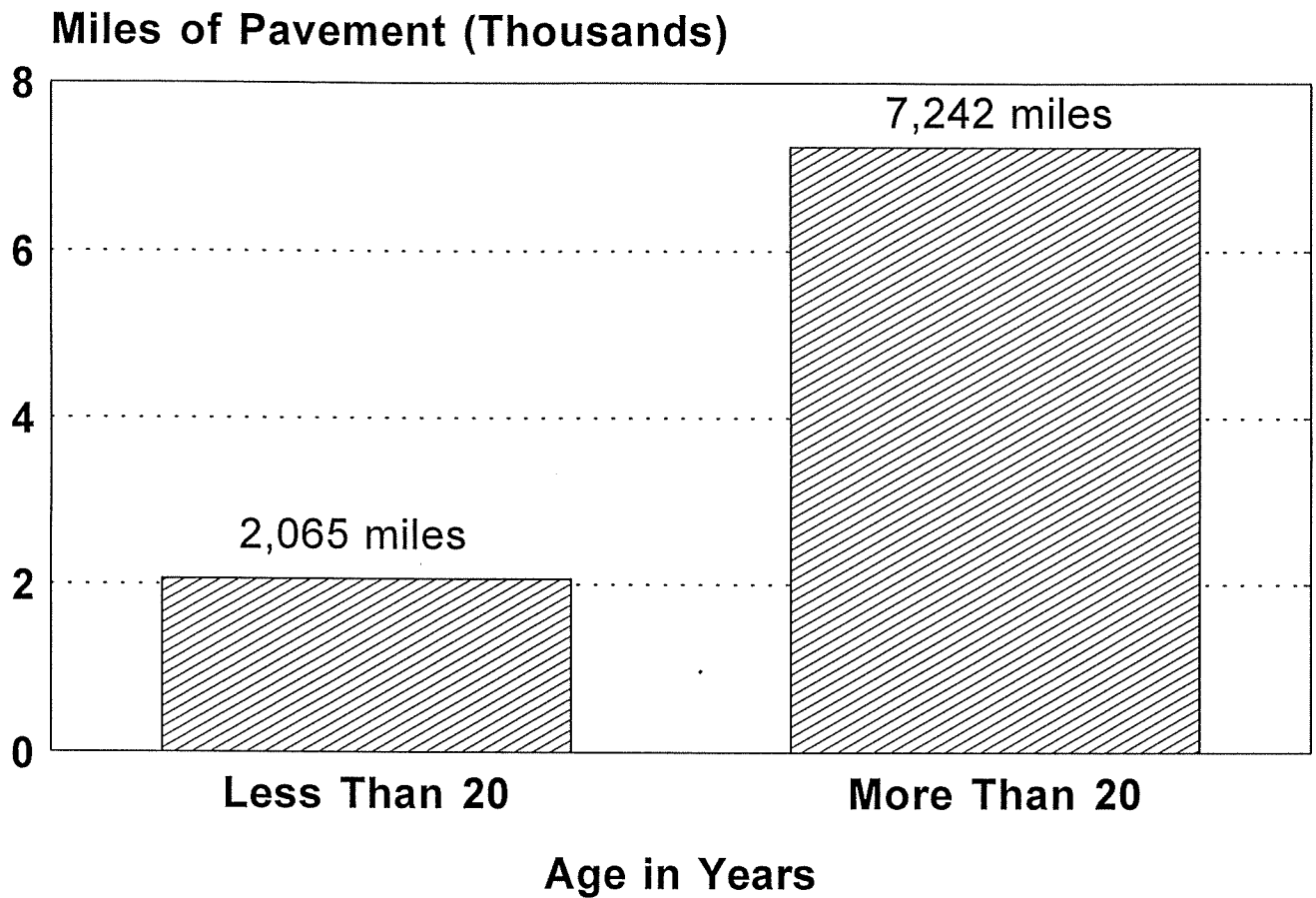
---

- Deficient Shoulder Width - 1,750 miles
- Deficient Shoulder Type - 3,650 miles
  - Full width paved - 240 miles
  - 3 feet paved - 3,410 miles
- Pavement older than 20 years
  - Non-Interstate - 7,240 miles
  - Interstate - 375 miles
- Bridge Needs
  - Significantly deficient conditions - 395
  - Critically deficient width - 410

5/31/1995



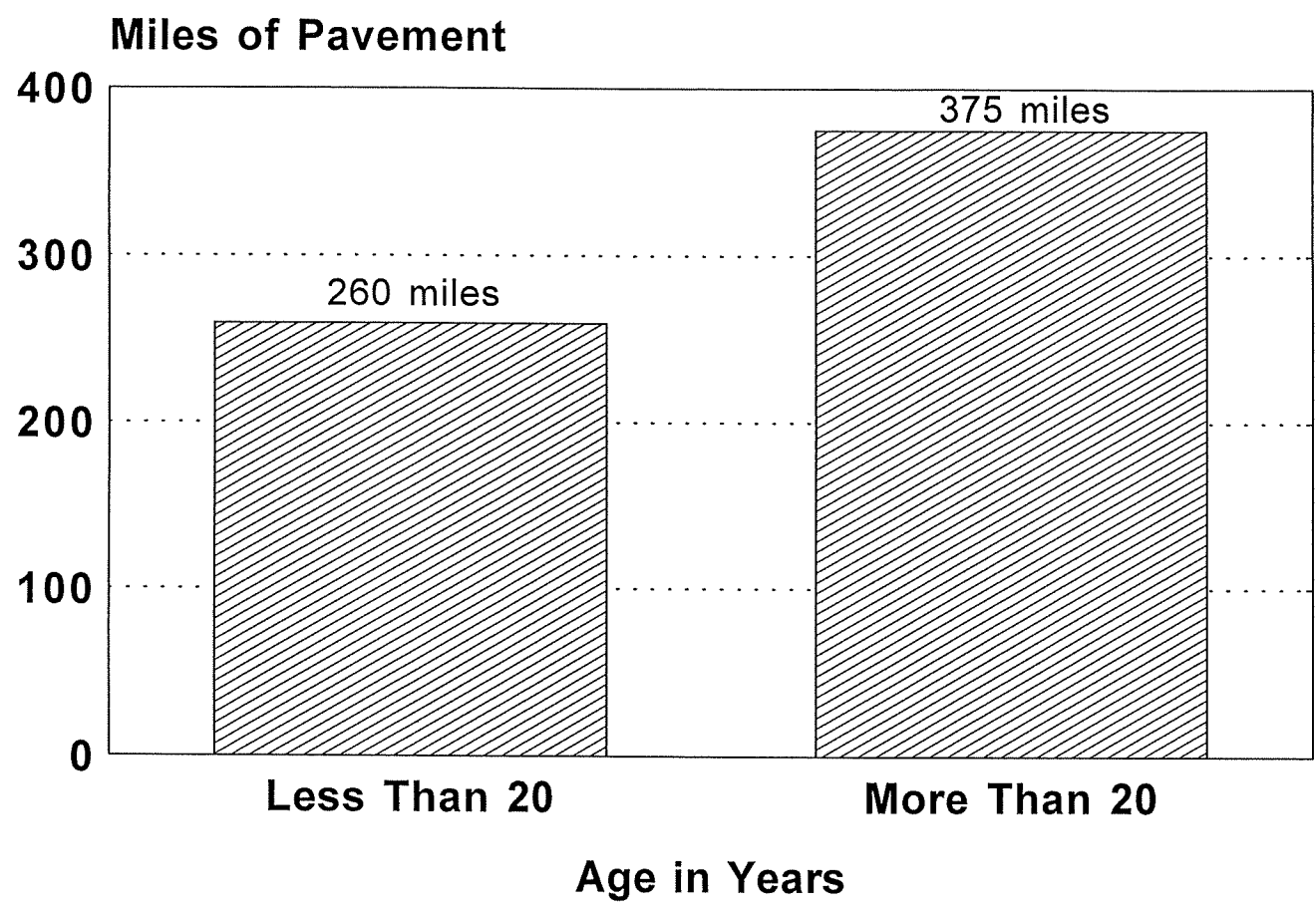
# Age of Non-Interstate Pavement\*



\*Includes all projects in CHP

12/28/1994

# Age of Interstate Pavement\*



\*Includes all projects in CHP  
12/28/1994

# Bridge Needs:

---

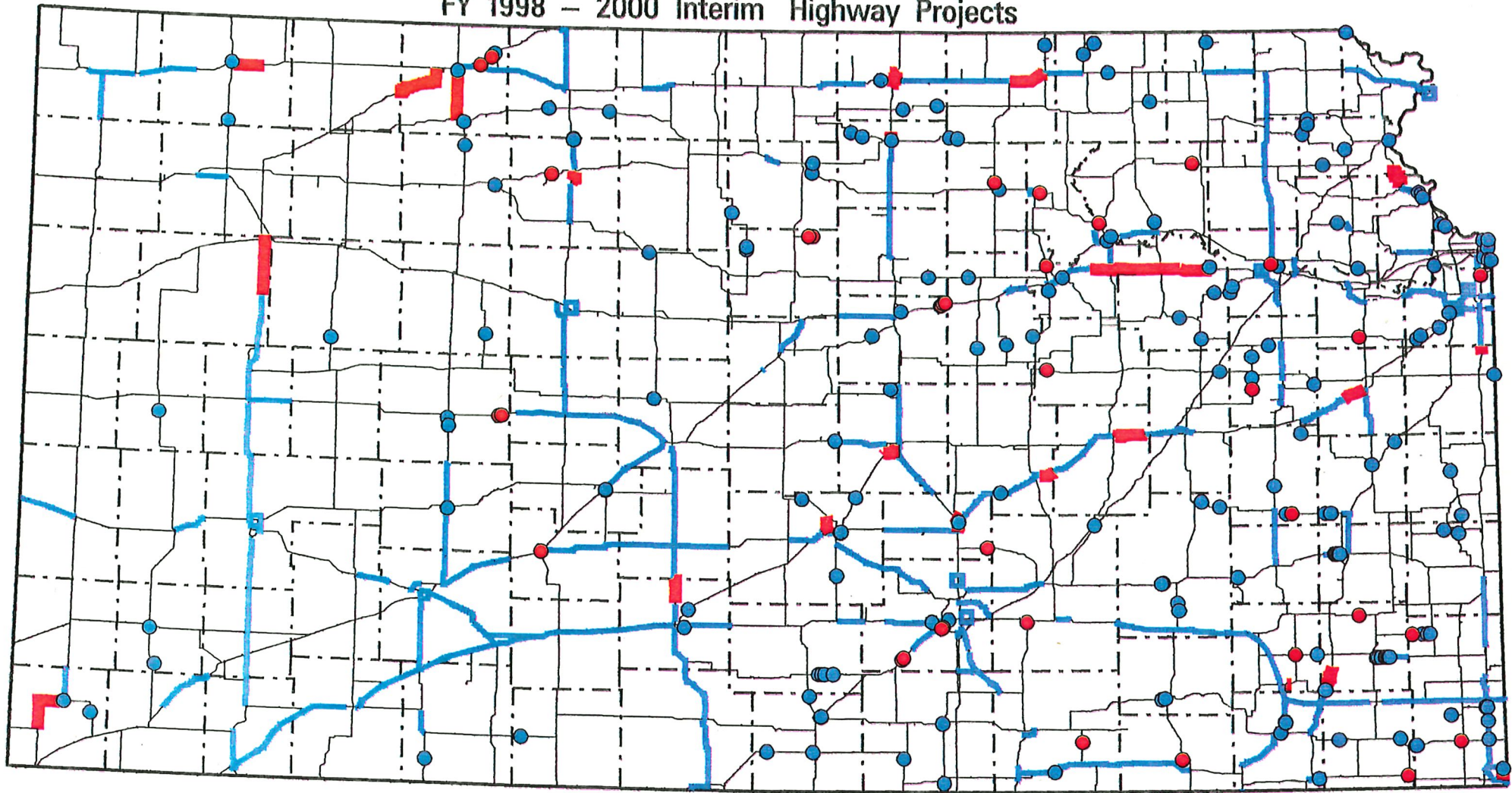
3,153 Span Bridges on the State Highway System

- Age of Bridges (After CHP)
  - 387 bridges over 50 years old
  - 620 bridges with 10 years or less of remaining life
- Bridge Decks
  - 723 bridge decks over 30 years old
  - 715 bridge decks with 10 years or less of remaining life

12/28/1994

FY 1990 – 1997 Kansas Comprehensive Highway Program

FY 1998 – 2000 Interim Highway Projects



- 1990–1997 Major Modification
- 1990 – 1997 Priority Bridge
- 1991 – 1997 System Enhancement

- 1998 – 2000 Major Modification
- 1998 – 2000 Priority Bridge