

State of California  
Business, Transportation & Housing Agency  
Department of Transportation

POLICY MATTERS  
Assumptions for 2002 STIP Fund Estimate  
Action Item

Prepared By:  
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Division of Budgets  
(916) 654-4556

CTC Meeting: May 2-3, 2001

Agenda Item: 4.2a.

*Original Signed by* \_\_\_\_\_

W. J. EVANS

Chief Financial Officer

May 1, 2001

### **ASSUMPTIONS FOR 2002 STIP FUND ESTIMATE**

#### **SUMMARY**

Sections 14524 and 14525 of the Government Code require the Department to develop and the California Transportation Commission (Commission) to adopt a Fund Estimate in each odd-numbered year to provide an annual estimate of all Federal and State funds reasonably expected to be available for programming in each year included in the subsequent State Transportation Improvement Program (STIP). The Department will present a proposed Fund Estimate in July 2001 and the Commission is expected to adopt the 2002 STIP Fund Estimate in August 2001. The 2002 STIP can then be developed for the Commission to meet the April 2002 statutory deadline for adoption. Because the estimate of funding for several years into the future necessarily involves many assumptions, the Department will participate in a workshop with the Commission at the May 2-3 Commission Meeting to discuss the process and schedule for developing a fund estimate, the key assumptions that need to be made, and special issues that may impact the fund estimate. The May workshop will be a mostly qualitative discussion to set the stage for more quantitative discussions in June and July.

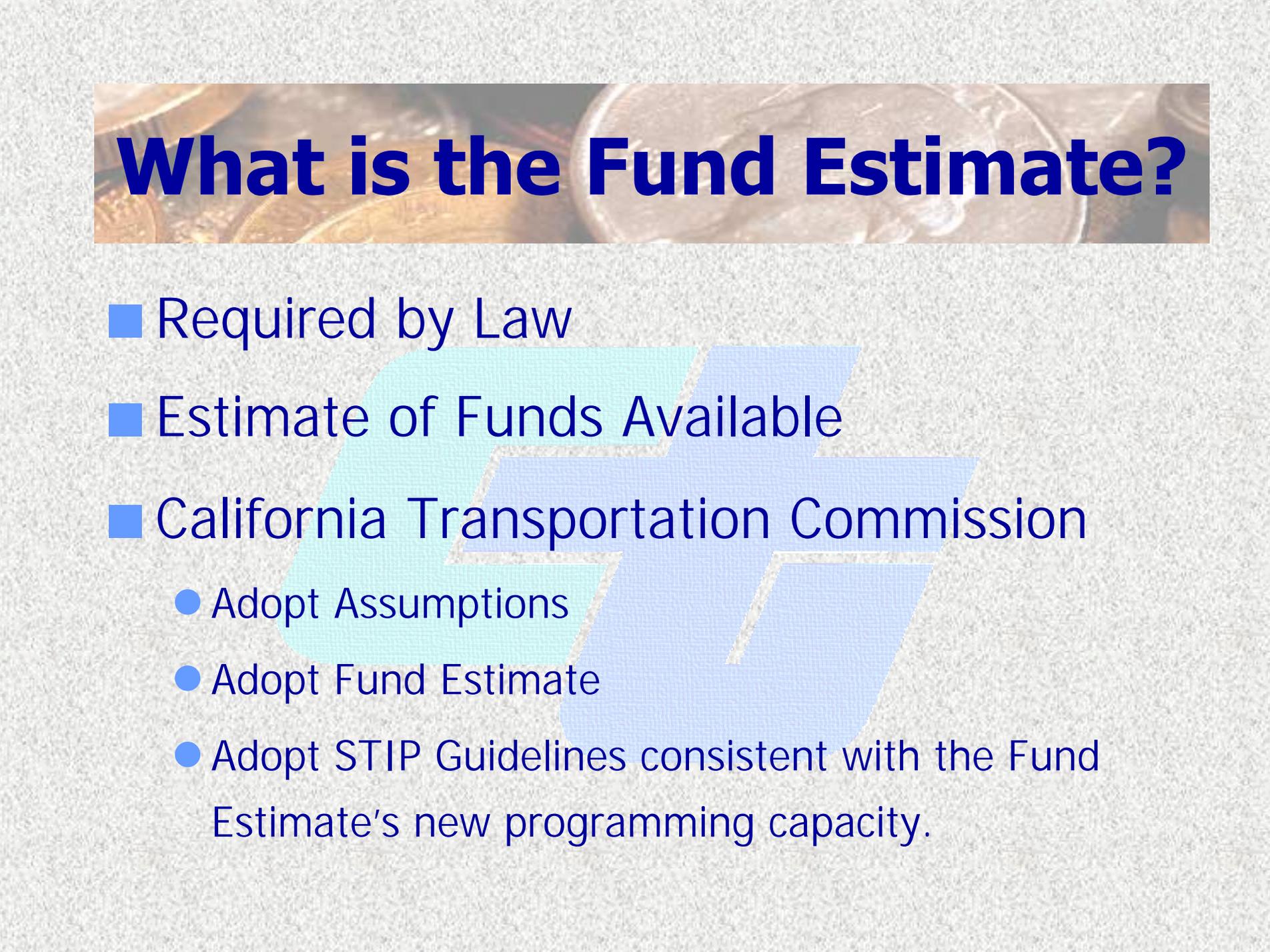
<u>Date(s)</u>	<u>Milestone</u>
June 6-7, 2001	Continued Presentation of the 2002 STIP Fund Estimate Assumptions to Commission
July 11-12, 2001	Submit Draft 2002 STIP Fund Estimate to Commission
August 22-23, 2001	Commission Adoption of 2002 STIP Fund Estimate
December 2001	The 2002 Interregional Transportation Improvement Program (ITIP) and the 2002 Regional Transportation Improvement Programs (RTIP's) submitted to the Commission
March 2002	2002 STIP Adopted by Commission



# **2002 Fund Estimate**

## **MAY 3, 2001**

Prepared by:  
Department of Transportation



# What is the Fund Estimate?

- Required by Law
- Estimate of Funds Available
- California Transportation Commission
  - Adopt Assumptions
  - Adopt Fund Estimate
  - Adopt STIP Guidelines consistent with the Fund Estimate's new programming capacity.



# Fund Estimate Purpose

## ■ To Determine New Programming Capacity

### ● Fund Estimates For...

- State Highway Account - BY revenue \$2,528 M

  - Federal Trust Fund - BY revenue \$2,412 M

- Public Transportation Account - BY revenue \$466 M

- Aeronautics Account - BY revenue \$8 M

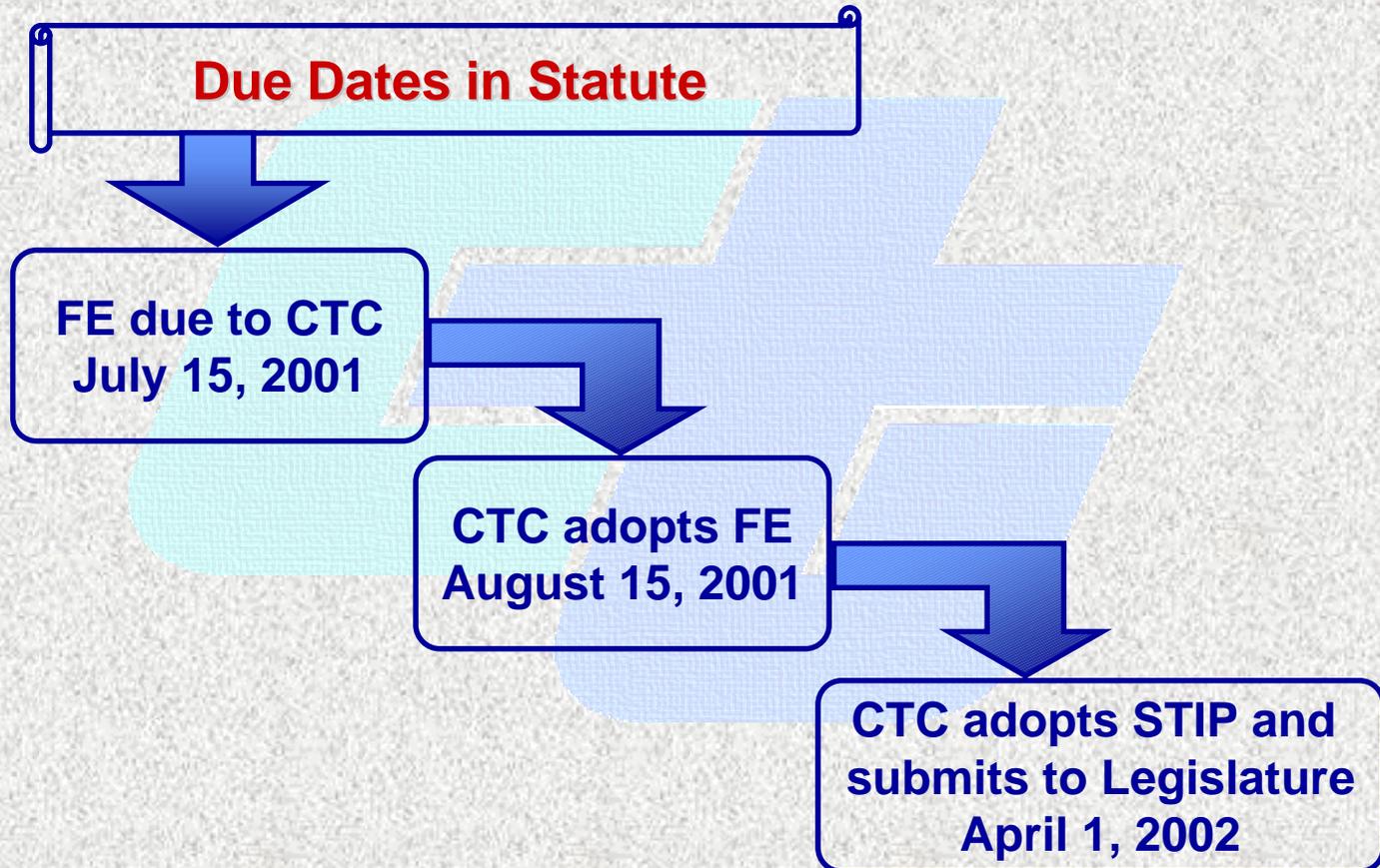
- Transportation Investment Fund - BY revenue \$171 M

### ● County and Caltrans Shares

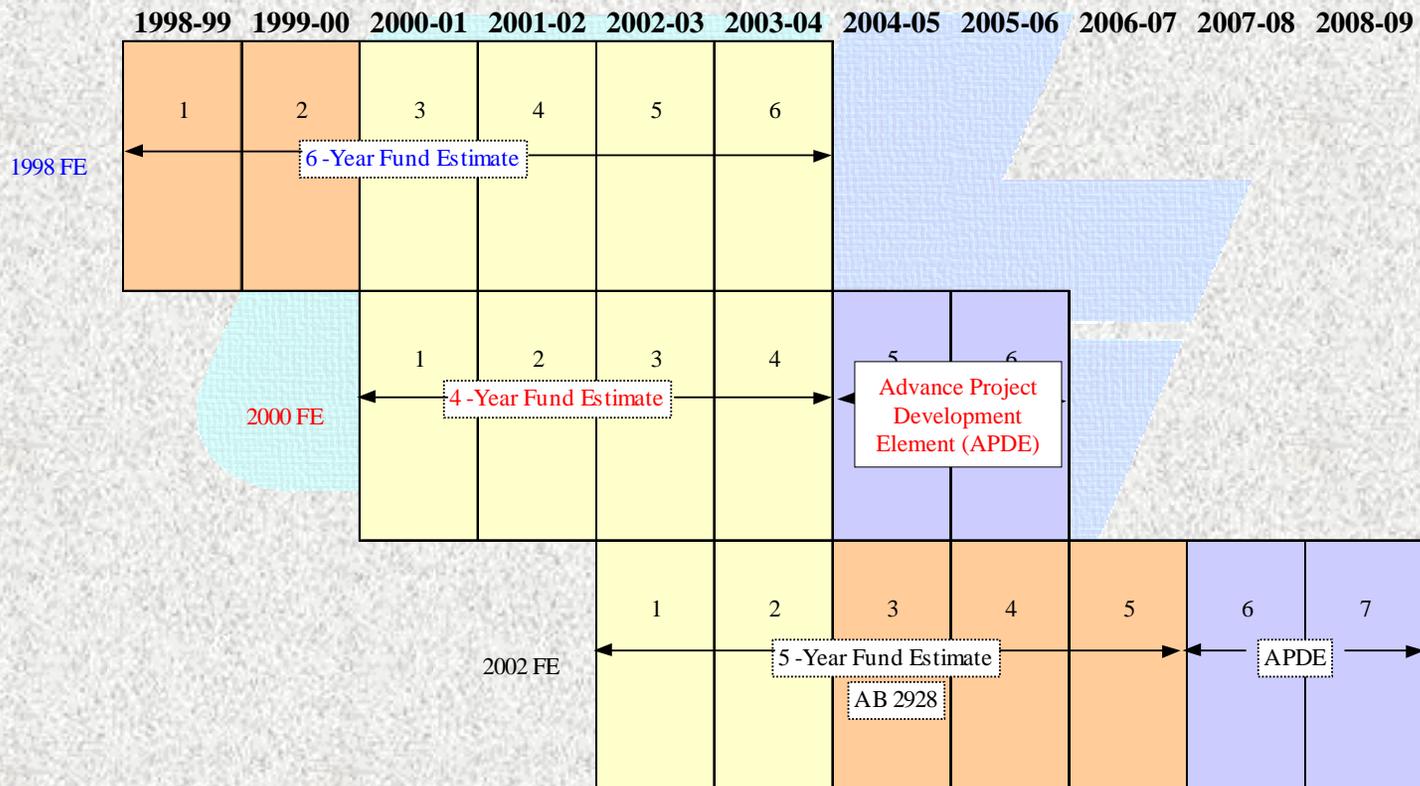
- County Shares - 75%

- Caltrans Shares - 25%

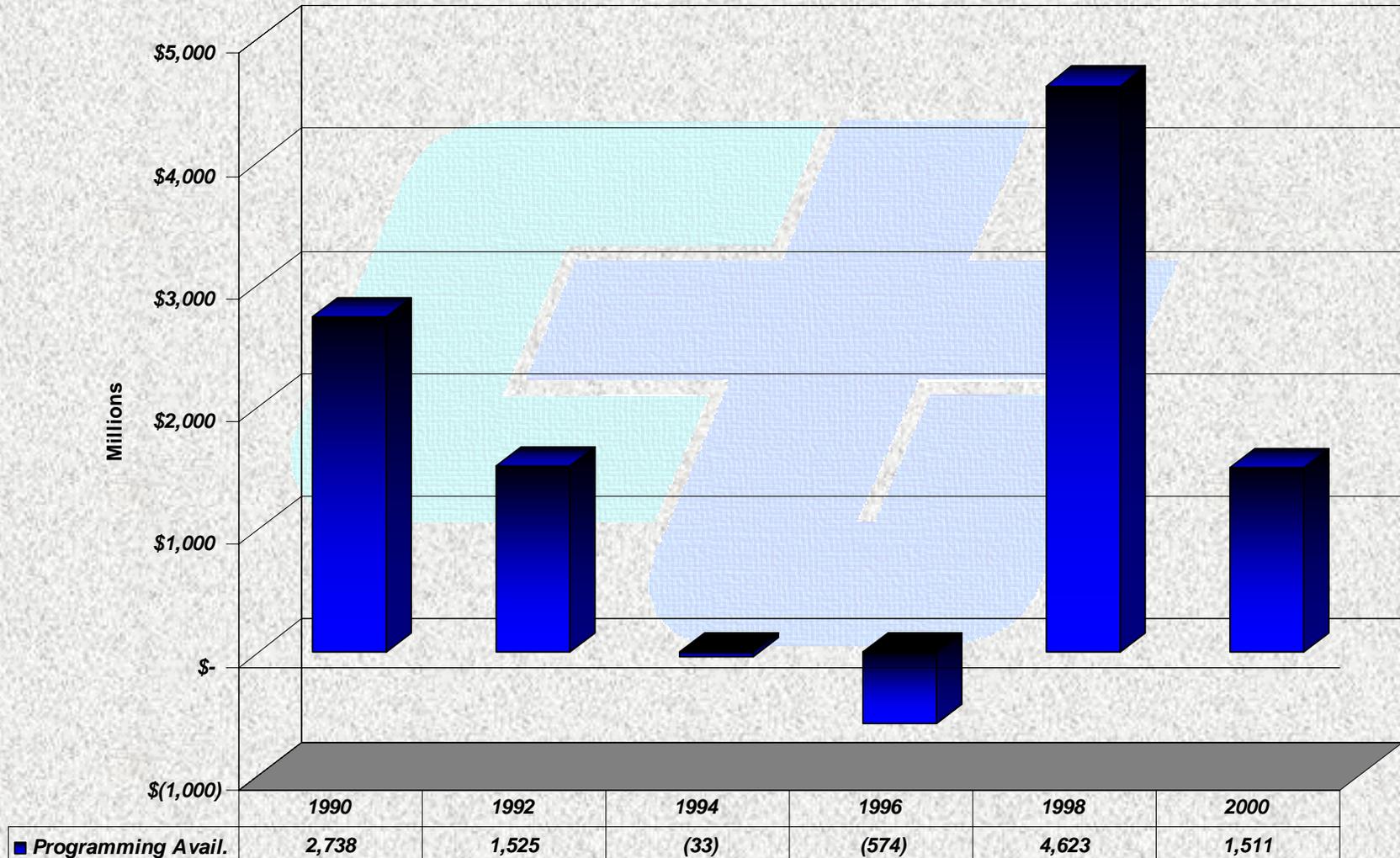
# Fund Estimate Timing



# Time Frame of Fund Estimates

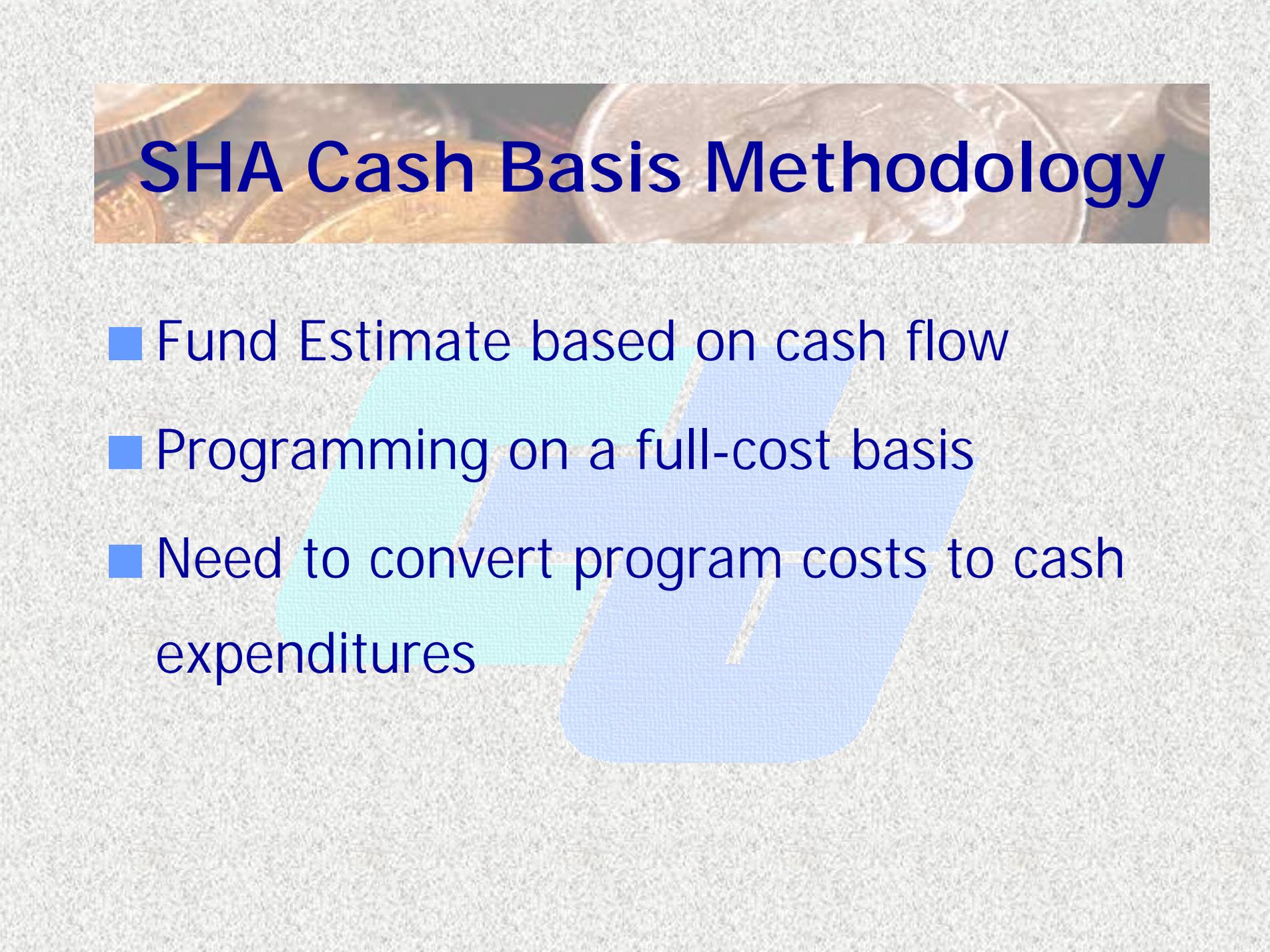


# Prior Fund Estimate Programming Capacity



# State Highway Account



The background of the slide features a close-up, slightly blurred image of several coins, likely US quarters, scattered across the surface. The coins are in various orientations, with some showing the profile of George Washington. The lighting is soft, highlighting the metallic texture and the embossed details of the coins.

# SHA Cash Basis Methodology

- Fund Estimate based on cash flow
- Programming on a full-cost basis
- Need to convert program costs to cash expenditures



# Federal Funding

- Transportation Equity Act of the 21st Century
  - Expires in September 30, 2003
- The 2002 Fund Estimate will need to make assumptions about reauthorization impacting the subsequent 6 years in this fund estimate period.



# Federal Funding

- Apportionment - funds distributed by statutory formula.
- Obligational Authority (OA) - annual spending authority.
- Advance Construction (AC) - borrowing future years OA.



# Public Transportation Account

## Public Transportation Account

- Fuel Sales Tax
- Transportation Investment Fund Transfer

**50%<sup>†</sup>**

State Transit Assistance

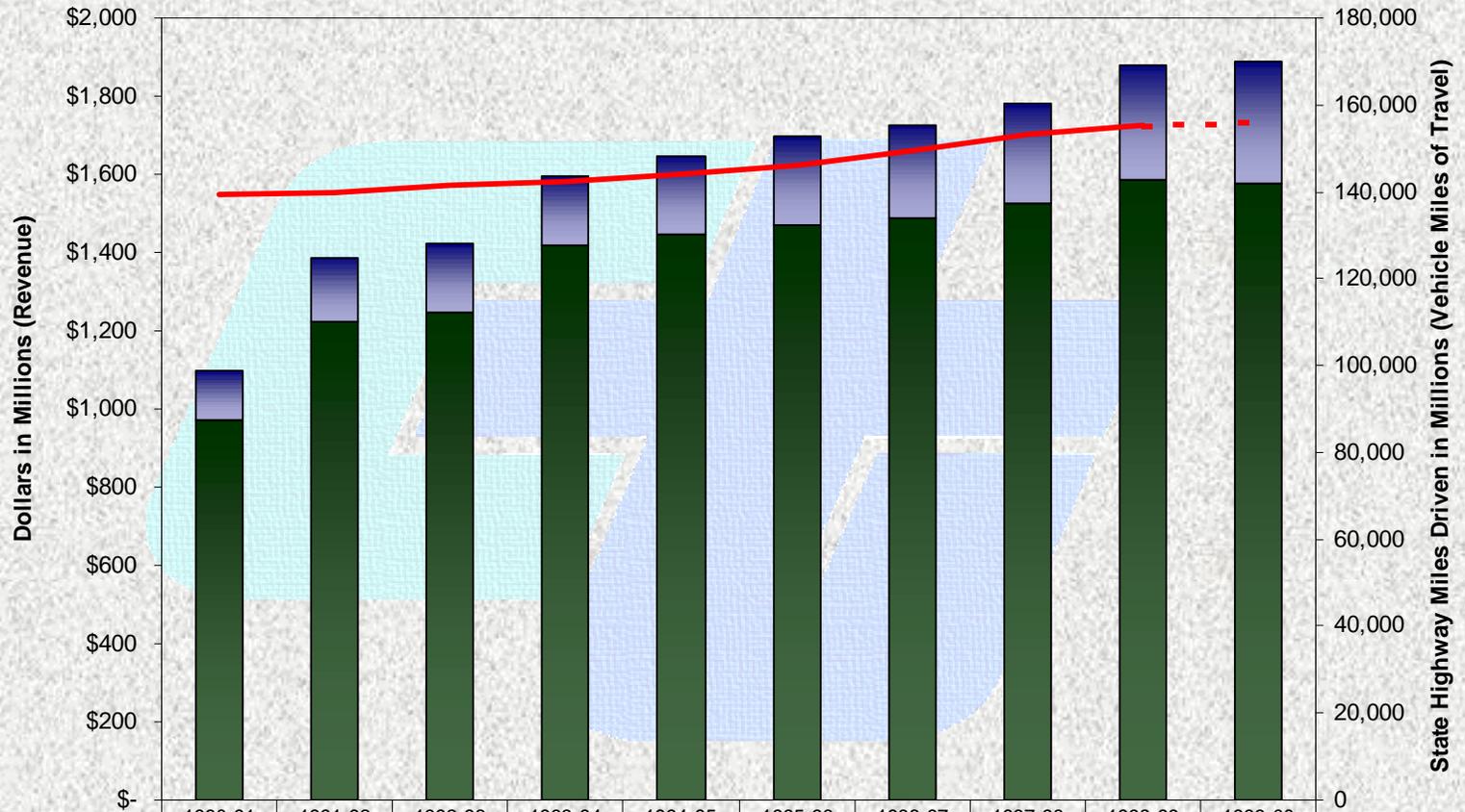
**50%**

- State Operations<sup>†</sup>
- Intercity Rail & Bus/Services (AMTRAK)<sup>‡</sup>
- Remainder to Supplement STIP<sup>‡</sup>

<sup>†</sup> Budgeted by Legislature

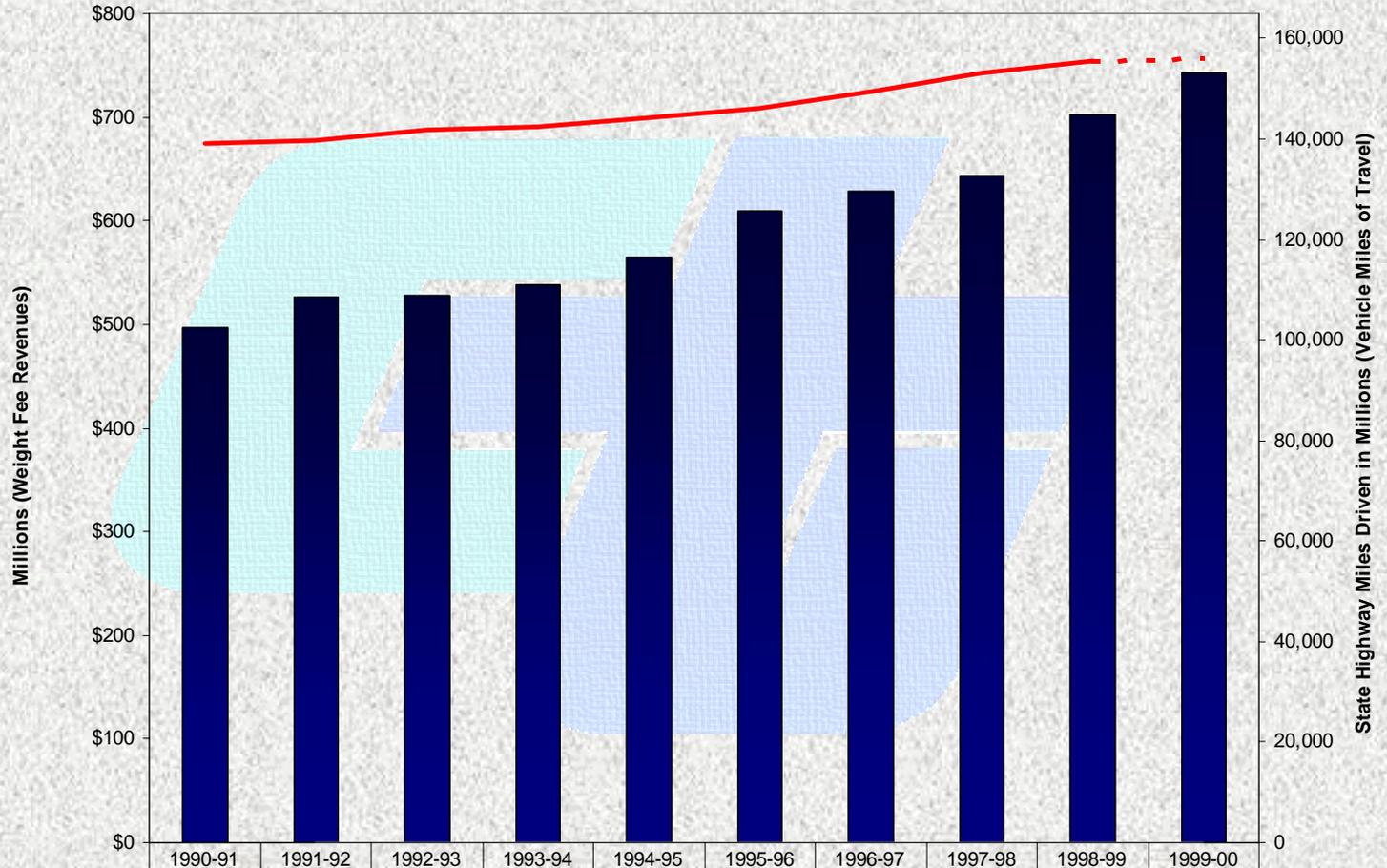
<sup>‡</sup> Allocated by CTC

# SHA Fuel Revenue History



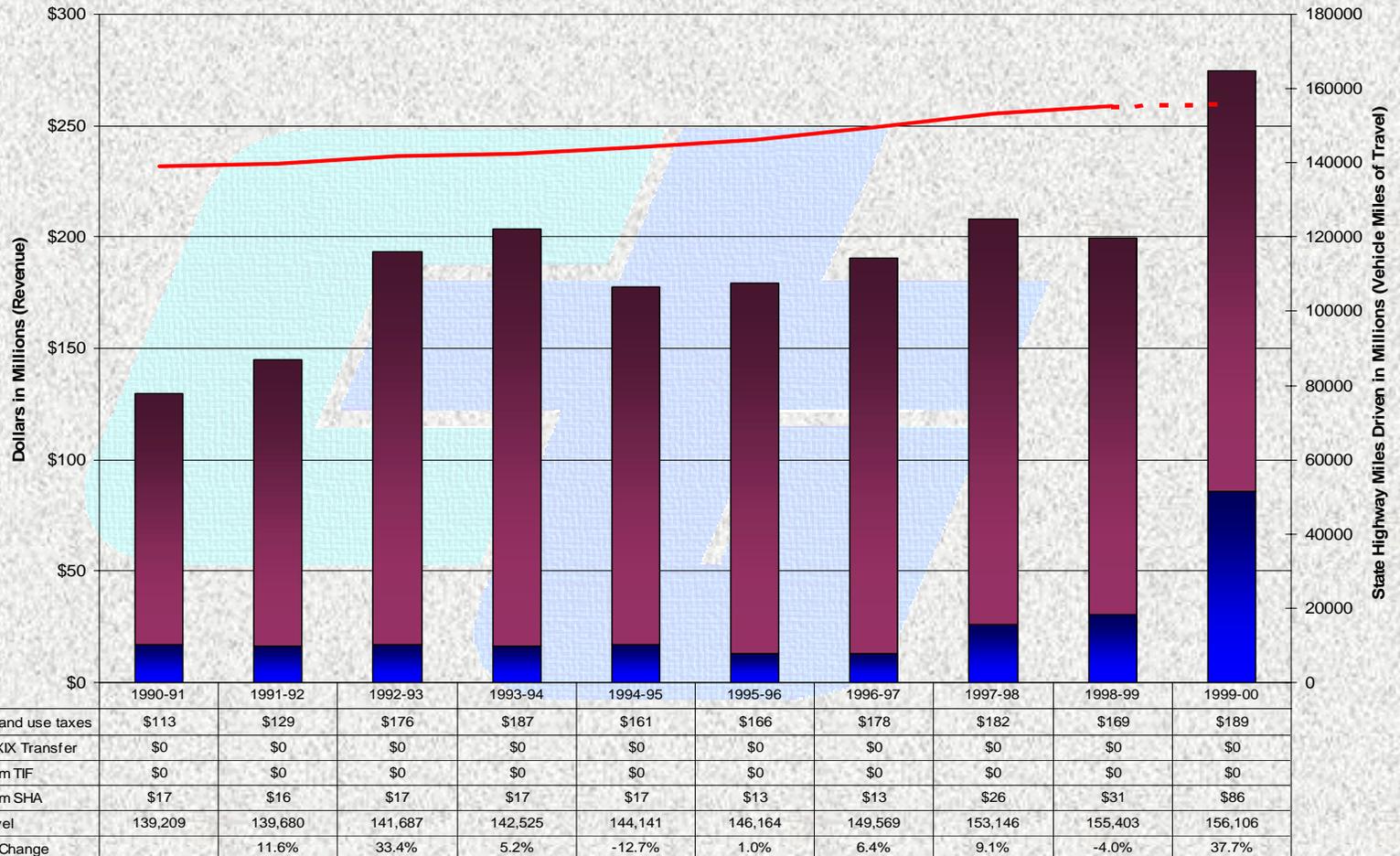
Diesel Revenue	130	161	177	178	201	225	237	255	294	307
Gasoline Revenue	970	1,222	1,246	1,418	1,445	1,470	1,489	1,527	1,587	1,579
Miles of Travel	139,209	139,680	141,687	142,525	144,141	146,164	149,569	153,146	155,403	156,106
% Revenue Change		25.7%	2.8%	12.1%	3.1%	3.0%	1.8%	3.3%	5.5%	0.3%

# SHA Weight Fee Revenue History



 Weight Fee Revenue	497	527	528	538	565	609	628	643	703	743
 Miles of Travel	139,209	139,680	141,687	142,525	144,141	146,164	149,569	153,146	155,403	156,106
 % Revenue Change		5.9%	0.2%	1.8%	5.0%	7.9%	3.1%	2.5%	9.2%	5.7%

# PTA Revenue History

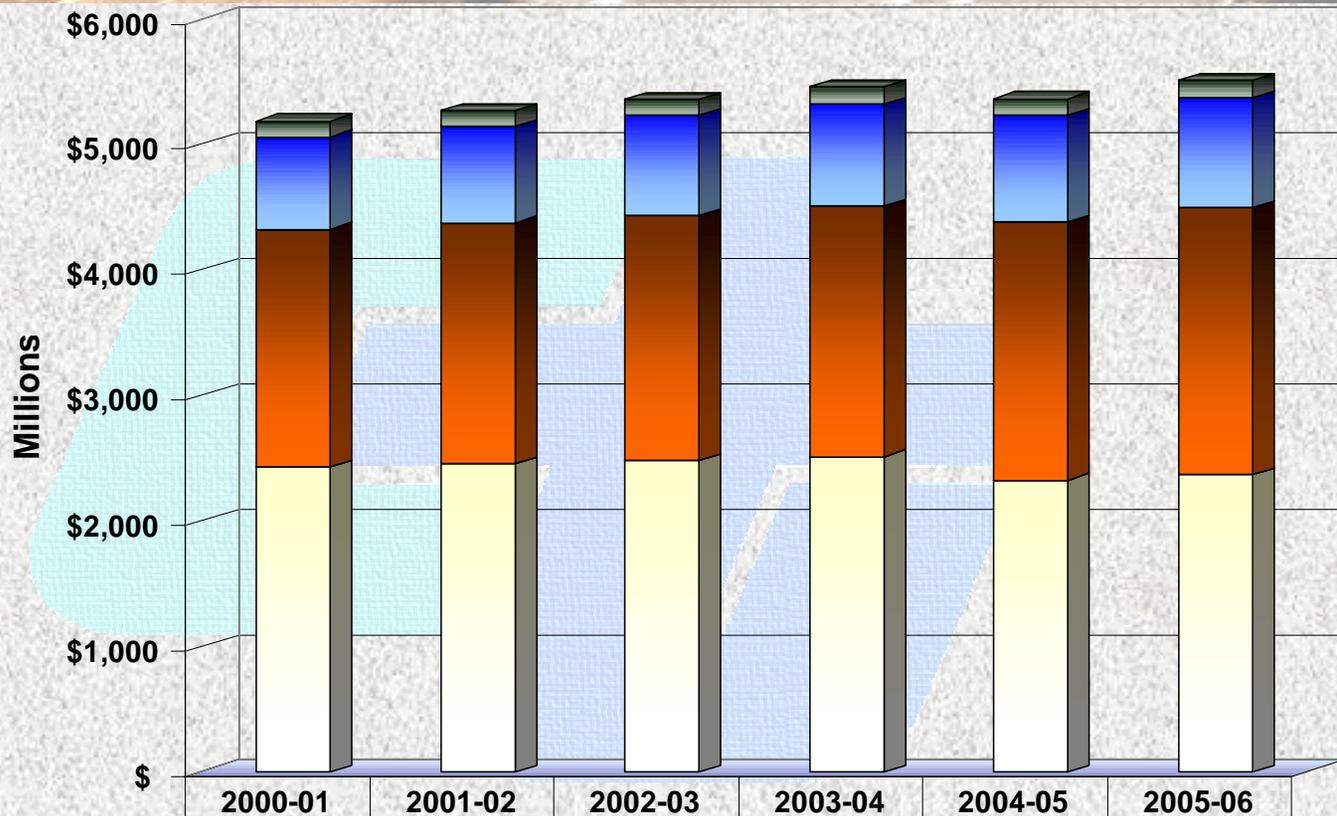


**\*50% of the Revenues from Retail Sales and Use Taxes and Transfer from TIF are subject to transfer to Special Transportation Programs**



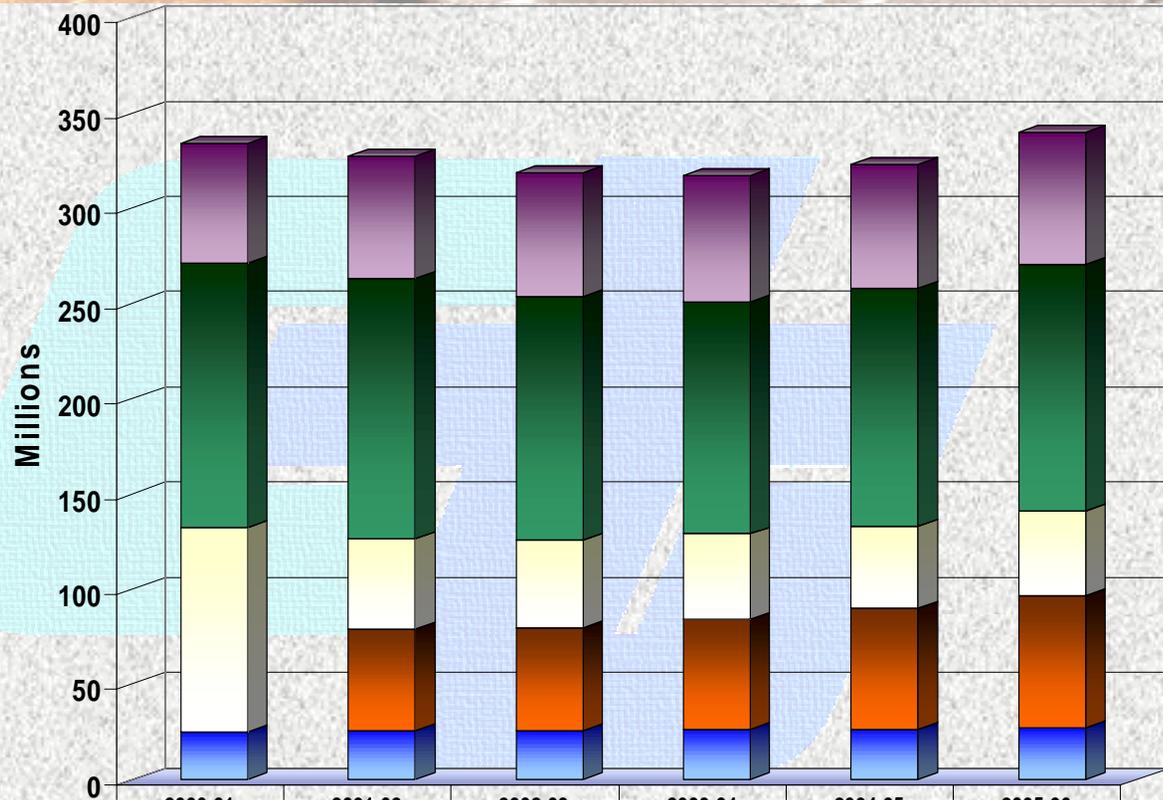
# **2000 Fund Estimate**

# 2000 SHA Fund Estimate Revenues



■ 2000 FE Other	126	129	132	135	138	141
■ 2000 FE Weight Fees	737	764	791	819	847	876
■ 2000 FE Fuel Tax	\$1,893	\$1,925	\$1,956	\$1,991	\$2,058	\$2,130
□ 2000 FE Federal Resources	2,431	2,450	2,481	2,513	2,322	2,368
% Revenue Change		1.6%	1.7%	1.8%	-1.7%	2.8%

# 2000 PTA Fund Estimate Revenues



■ 2000 FE Sales Tax on Gasoline	\$63	\$64	\$66	\$67	\$65	\$70
■ 2000 FE Sales Tax on Diesel	\$139	\$137	\$128	\$121	\$125	\$129
□ 2000 FE Non Article XIX Transfer	\$107	\$47	\$46	\$45	\$44	\$45
■ 2000 FE Transfer from TIF		\$54	\$54	\$58	\$63	\$69
■ 2000 FE Transfer from SHA	\$25	\$25	\$26	\$26	\$27	\$27
% Revenue Change		-2.0%	-2.6%	-0.6%	2.0%	5.1%

# Input Needs - Expenditures

## Expenditure Assumptions and Estimates

### Divisions

Programming

Right of Way

Local Programs

Traffic Operations

Administration

Project Management  
(Planning and COS)

Mass Transportation

Rail

Maintenance

Planning

### Considerations

STIP and SHOPP

10-Yr. SHOPP Plan

Right of Way Acquisition

Capital Outlay Support

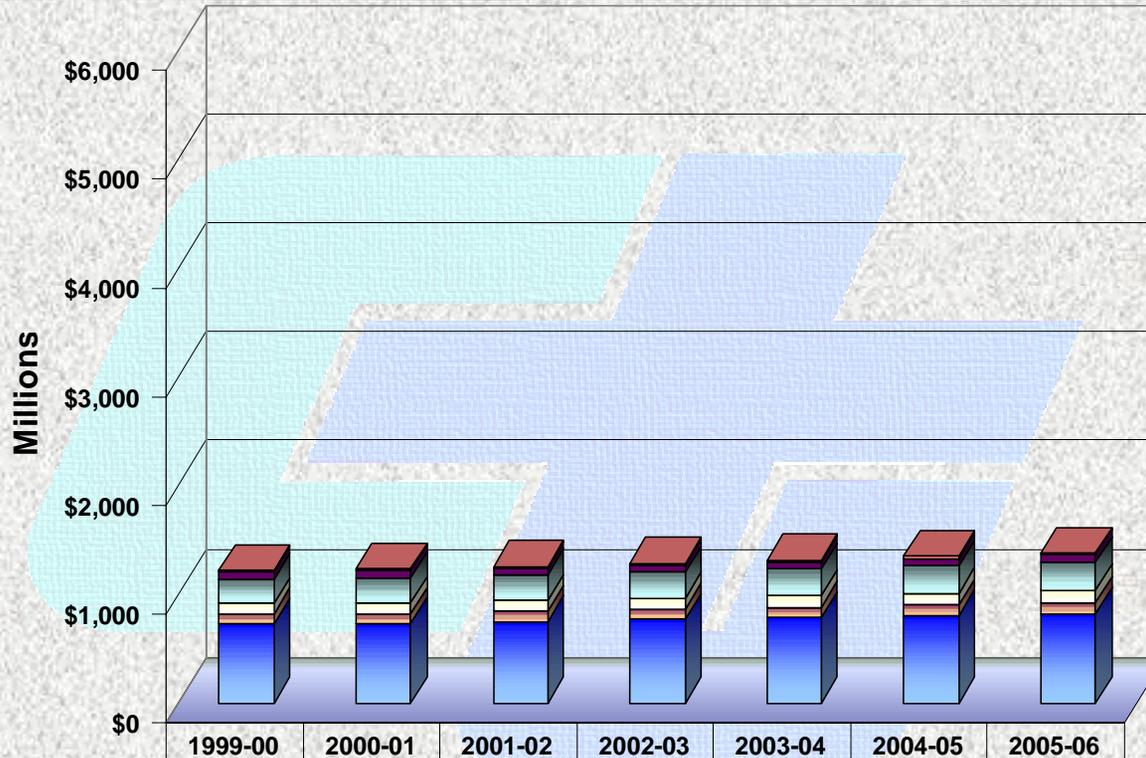
TIF and TCRP

Mass Trans and STIP Guideways

Local Assistance

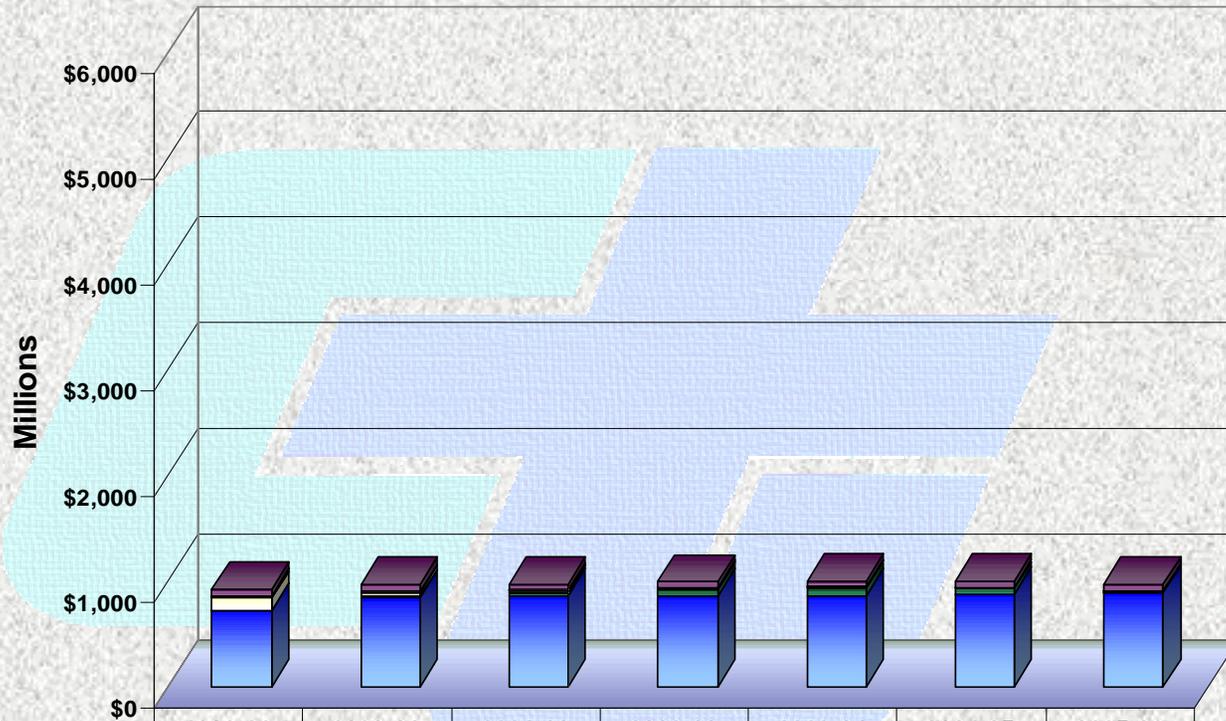


# 2000 SHA Fund Estimate State Operations



	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06
Owner Operator	\$14.33	\$14.48	\$14.79	\$15.12	\$15.47	\$15.82	\$16.17
Legal	\$62.22	\$62.85	\$64.21	\$65.66	\$67.15	\$68.67	\$70.22
Administration	\$226.95	\$229.26	\$234.22	\$239.52	\$244.94	\$250.48	\$256.15
Operations	\$98.84	\$99.85	\$102.01	\$104.31	\$106.67	\$109.09	\$111.55
Program Development	\$88.30	\$89.21	\$91.13	\$93.20	\$95.30	\$97.46	\$99.67
Maintenance	\$733.99	\$741.48	\$757.52	\$774.65	\$792.17	\$810.10	\$828.44
% Expenditure Change		1.0%	2.2%	2.3%	2.3%	2.3%	2.3%

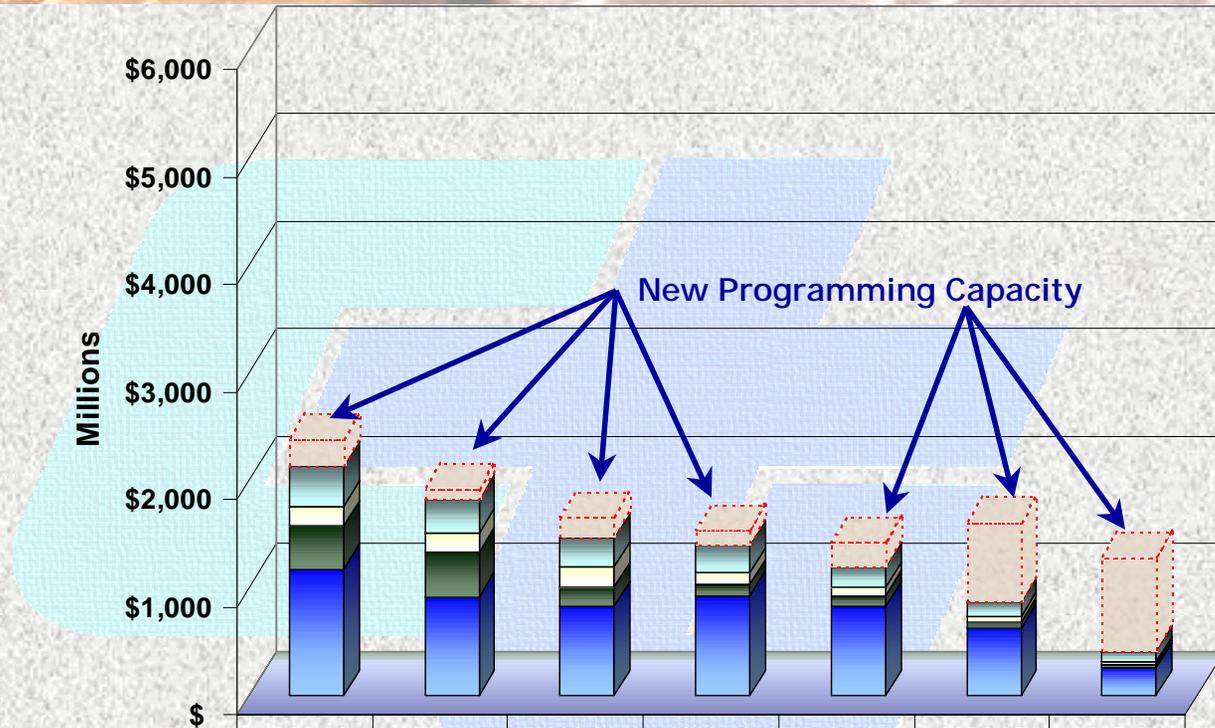
# 2000 SHA Fund Estimate Non-STIP Local Assistance



	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06
Support	62	70	57	54	55	56	57
EEM/TEATSM	21	10	10	10	10	10	10
State/Local Partnership	113	37	9	0	0	0	0
Retrofit Soundwalls		8	31	60	71	52	4
Local Assistance/TEA	\$730	\$851	\$870	\$871	\$869	\$886	\$899
% Expenditure Change		5.4%	0.2%	1.8%	1.0%	-0.1%	-3.3%

\*Displayed on a cash flow Basis

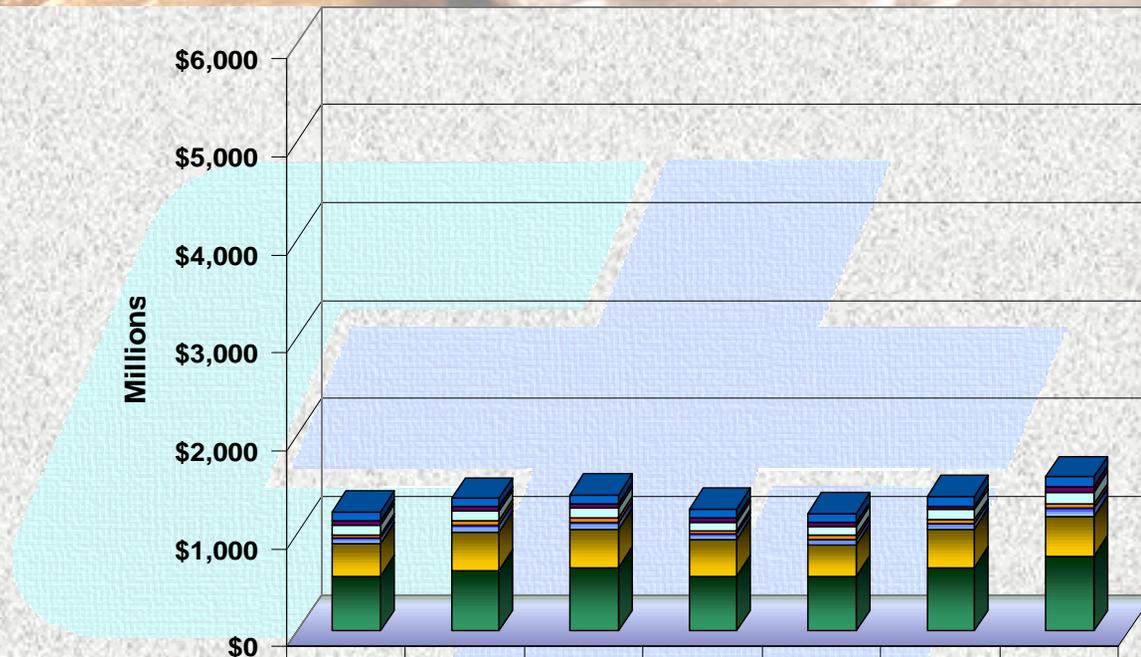
# 2000 SHA Fund Estimate Prior STIP Commitments



	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06
New Programming Capacity	\$250	\$94	\$197	\$140	\$235	\$739	\$870
Support	374	317	271	258	188	143	100
STIP Right of Way	184	180	185	108	73	50	34
STIP Transit (Rail & Mass Trans)	402	412	184	102	108	54	22
STIP Highway & Local Roads	\$1,177	\$921	\$829	\$934	\$828	\$630	\$263
% Programming Change		-14.4%	-19.8%	-4.5%	-14.6%	-26.8%	-52.2%

\*Displayed on a cash flow Basis

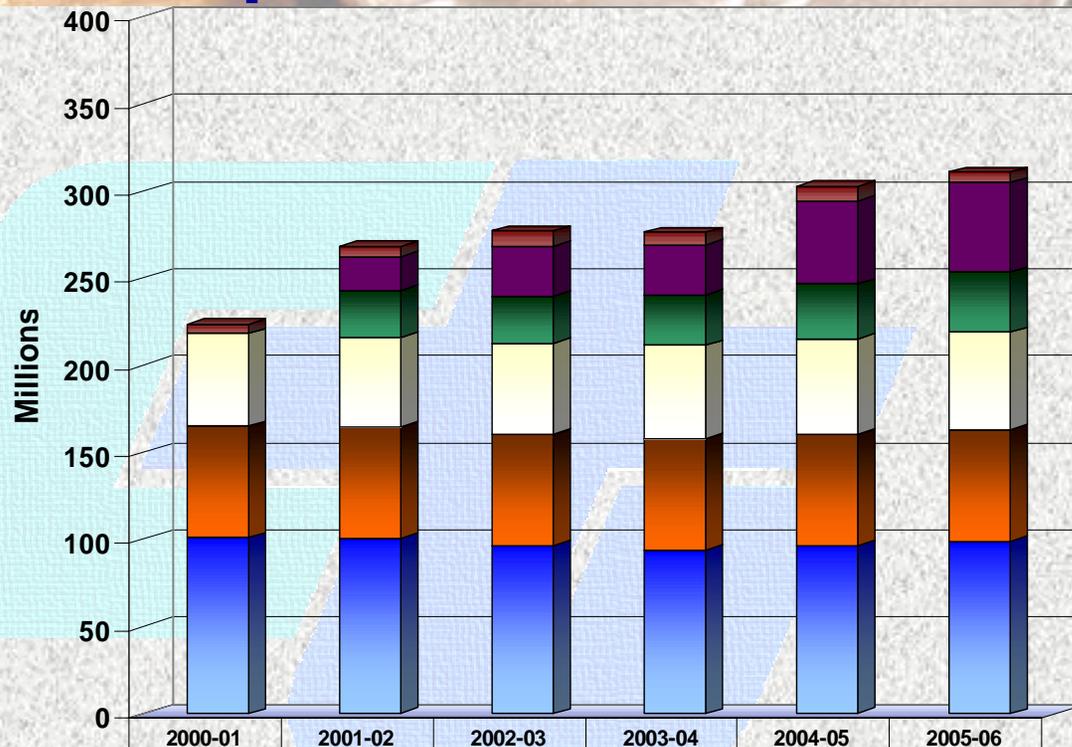
# 2000 SHA Fund Estimate SHOPP



	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06
Minor	\$87	\$87	\$89	\$92	\$95	\$97	\$100
SHOPP-TEA *	\$43	\$46	\$48	\$39	\$40	\$43	\$52
Operations	\$96	\$97	\$105	\$87	\$92	\$100	\$125
Roadside Rehabilitation	\$34	\$42	\$44	\$36	\$35	\$38	\$46
Safety	\$58	\$69	\$72	\$58	\$55	\$60	\$73
Support	\$328	\$395	\$390	\$375	\$327	\$388	\$412
Roadway Rehabilitation	\$566	\$620	\$648	\$562	\$558	\$650	\$766
% Expenditure Change		11.8%	3.0%	-10.5%	-3.8%	14.6%	14.3%

\*Displayed on a cash flow Basis

# 2000 PTA Fund Estimate Expenditures



	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06
2000 FE Intercity Rail Maintenance	\$6	\$6	\$9	\$7	\$9	\$6
2000 FE Intercity Rail and Bus New Service		\$20	\$29	\$29	\$48	\$51
2000 FE TIF Transit Assistance (AB 2928)		\$27	\$27	\$29	\$32	\$35
2000 FE Support	\$53	\$51	\$52	\$53	\$55	\$56
2000 FE Intercity Rail and Bus Operations	\$64	\$64	\$64	\$64	\$64	\$64
2000 FE State Transit Assistance	\$101	\$101	\$97	\$94	\$97	\$99
% Expenditure Change		19.9%	3.2%	-0.3%	9.7%	2.6%

\*Displayed on a cash flow Basis

# 2000 Fund Estimate

## Advanced Project Development Calculation

Available for programming  
in outer two years  
(2004-05 & 2005-06)  
of 2000 Fund Estimate

**\$1,902 Million**

Advanced Project  
Development per AB 1012

**25%**  
**\$476 Million**

**RIP (75%)**  
**\$357 Million**

Regional Improvement  
Program

**IIP (25%)**  
**\$119 Million**

Inter-Regional  
Improvement Program

# STIP Programming Capacity

