Draft
Financially Constrained Investment Plan

Partnership Board Meeting

June 27, 2008

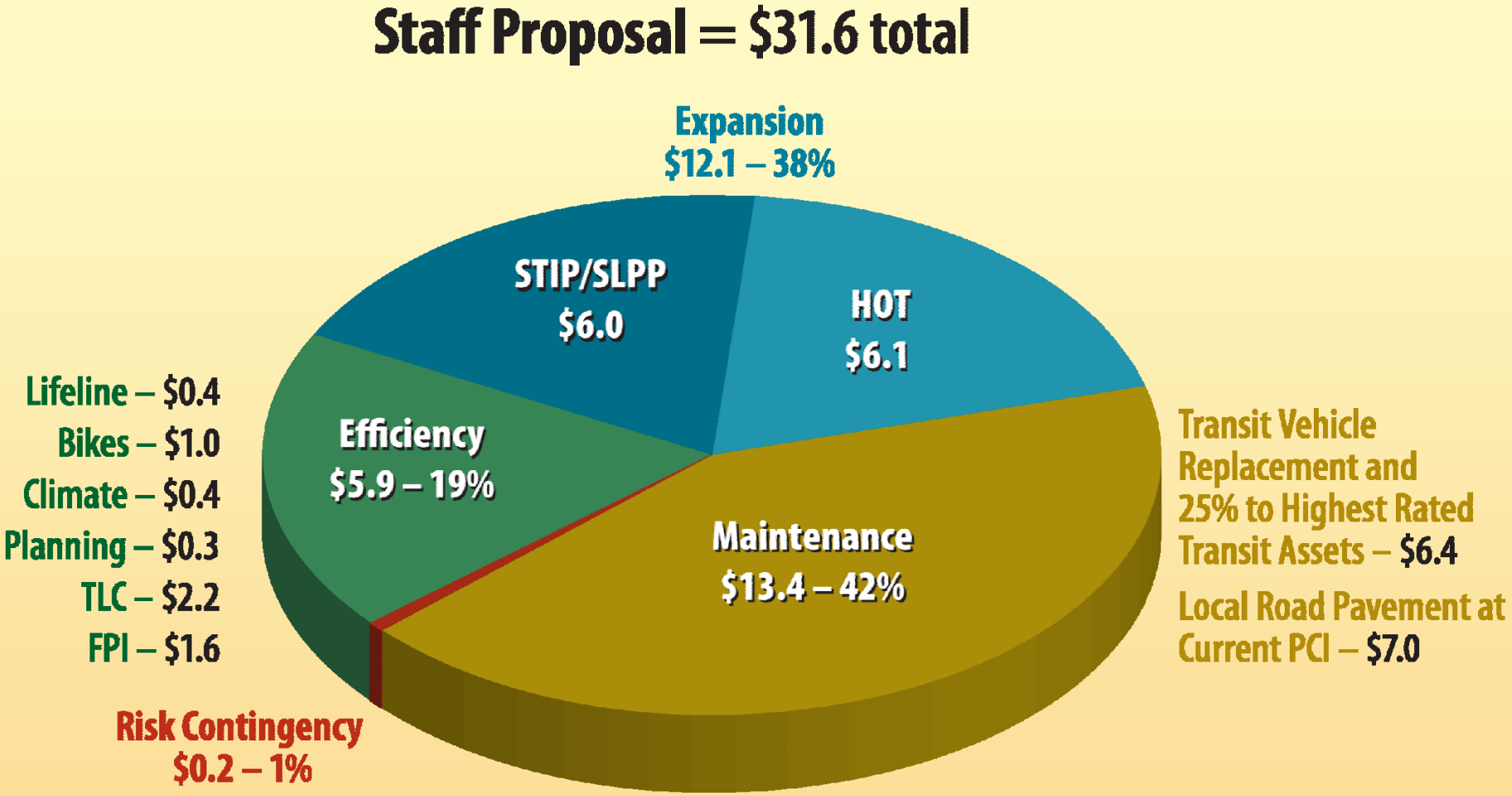
Transportation 2035:
Draft Financially Constrained Investment Plan

1. **Staff Proposal for the Uncommitted Discretionary Funds – $32 Billion**

2. **Committed Funds – $191 Billion**

3. **Draft Financially Constrained Investment Plan – "The Big Picture" – $223 Billion**

1. Staff Proposal (billions of $)



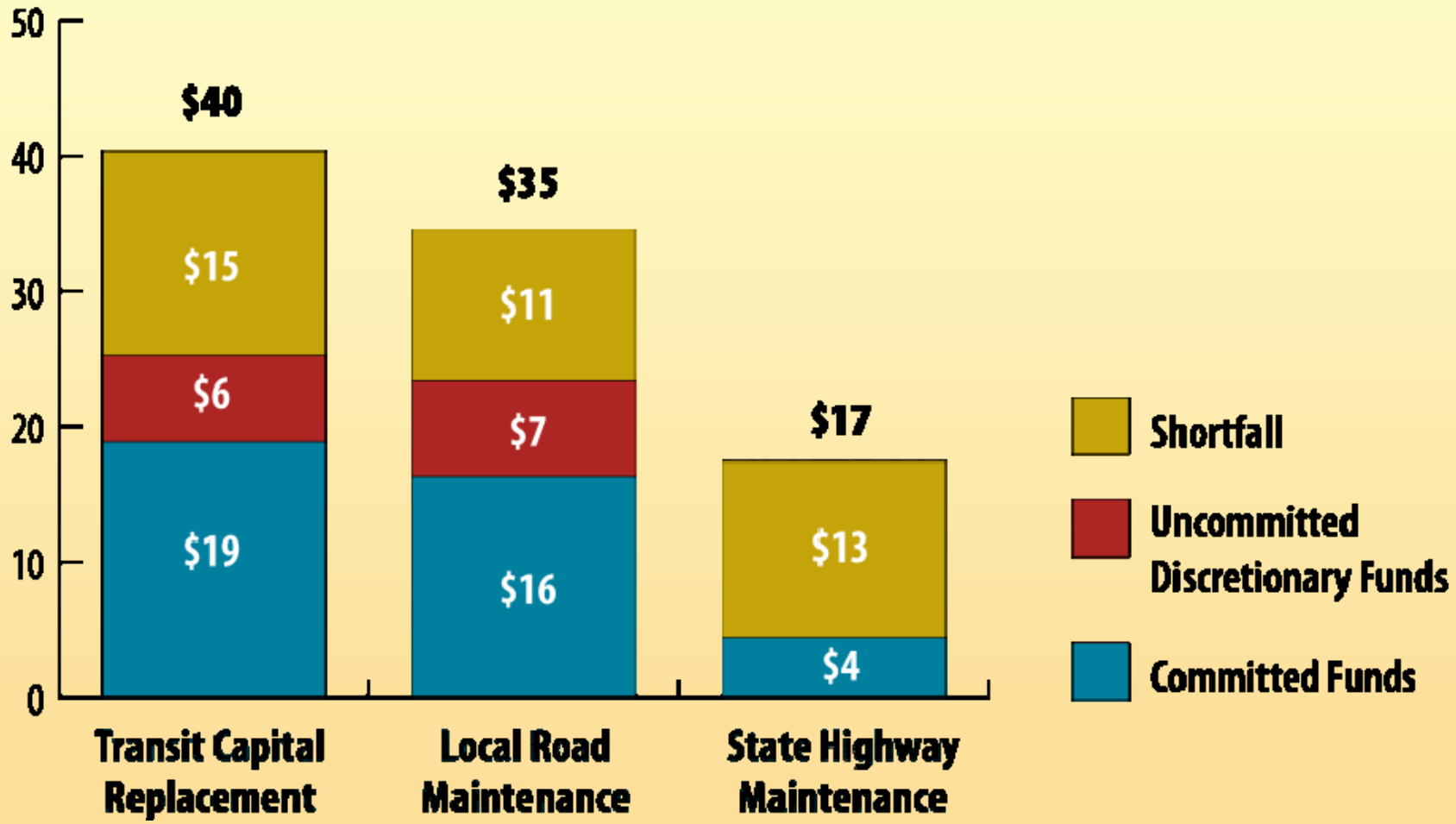
Staff Proposal: Investment Plan for the $31.6 Billion Uncommitted Discretionary Funds

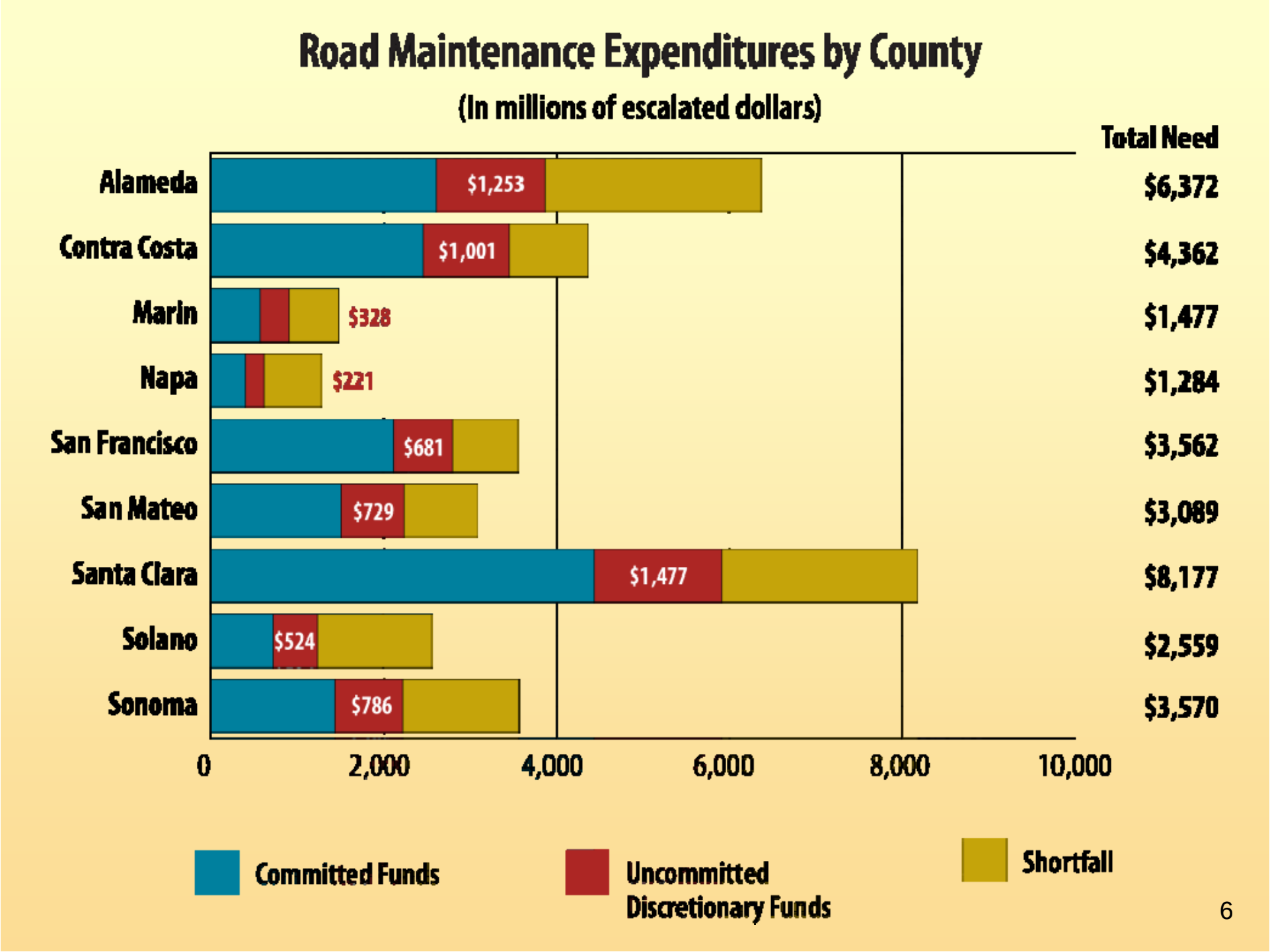
(escalated billions $)

Investment Category	Staff Proposal	% of Total	Rationale
Maintenance			
Transit	$6.4	20%	Regional investment priority given to vehicles plus 25% of to-be-determined priority guideway (e.g. track and structures) needs
Local Road	$7.0	22%	Regional investment priority given to MTS pavement needs to maintain current PCI of 64
State Hwy			Assumes State responsibility for funding shortfall need
Subtotal	**$13.4**	**42%**	
Efficiency			
Lifeline	$0.4	1%	Extends Commission's current 10-year Lifeline commitment ($300 million, which includes means-based pilot program) to 25 years for a total investment of $700 million
Regional Bicycle Plan	$1.0	3%	Fully funds Regional Bike Plan network, excepting toll bridge facilities
Climate Change/PM Reduction Program	$0.4	1%	Fully funds 5-year Climate Change/Particulate Matter Reduction Program that includes the following elements: 1. Outreach/Incentives Programs - $27 million/yr 2. Safe Routes to School/Transit - $ 20 million/yr 3. Transit Priority Program - $10 million/yr
Planning	$0.3	1%	Planning funds for CMAs and Regional Agencies (ABAG, MTC, BCDC)
TLC	$2.2	7%	Doubles current program from $27 million/yr to $60 million/yr
FPI	$1.6	5%	Fully funds capital and maintenance/operations costs
Subtotal	**$5.9**	**19%**	
Expansion	**$12.1**	**38%**	Revised HOT revenue estimates increase 25-year projection from $5.1 billion to $6.1 billion; STIP/SLPP amount remains at $6.0 billion
STIP	$5.7		
SLPP	$0.3		
HOT	$6.1		
Cost Risk Contingency	$0.2	**1%**	Includes additional contingency for committed projects to cover potential committed projects cost increases
TOTAL	**$31.6**		

Maintenance Needs, Funding, Shortfalls

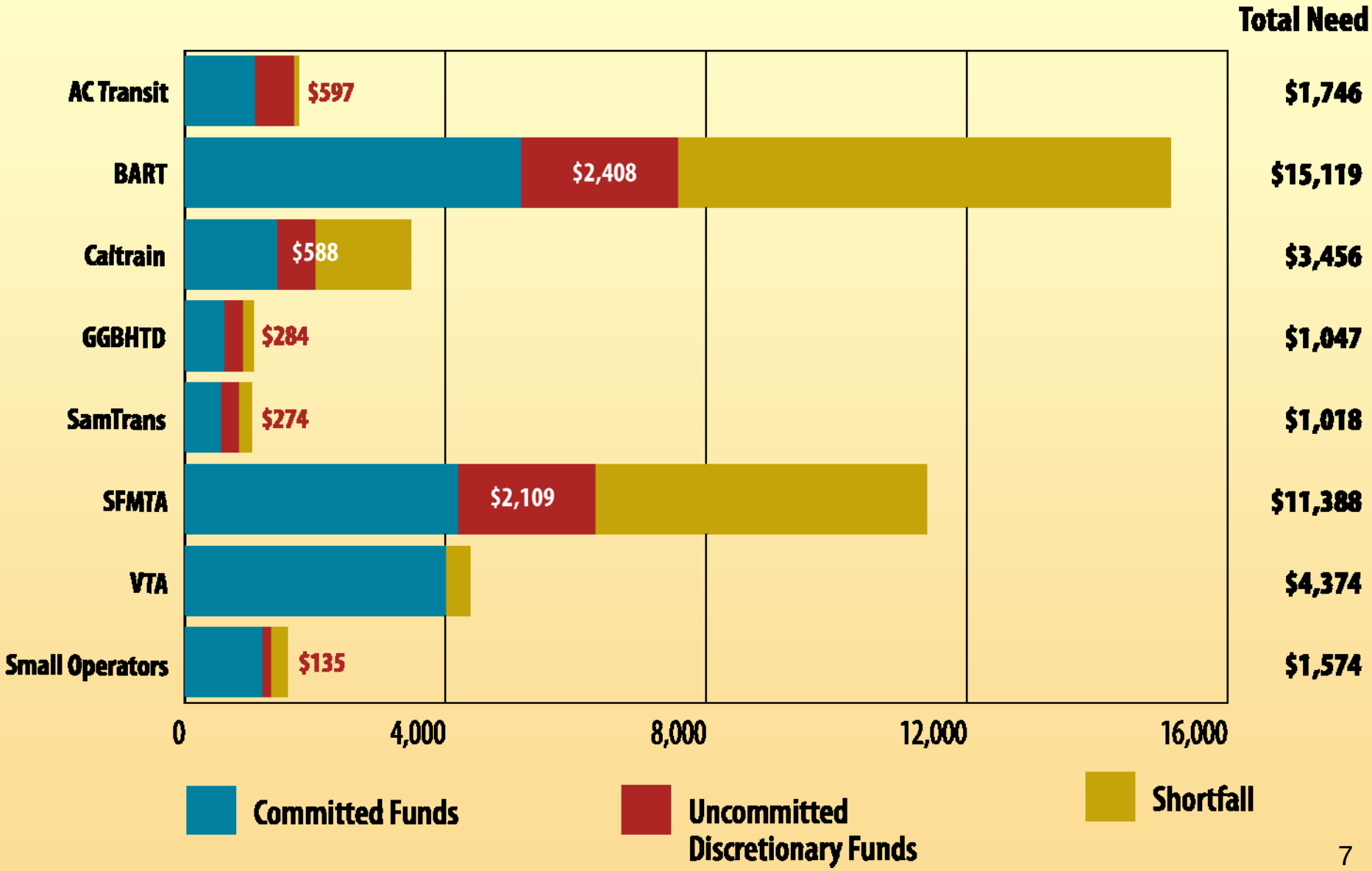
(In billions of escalated dollars)

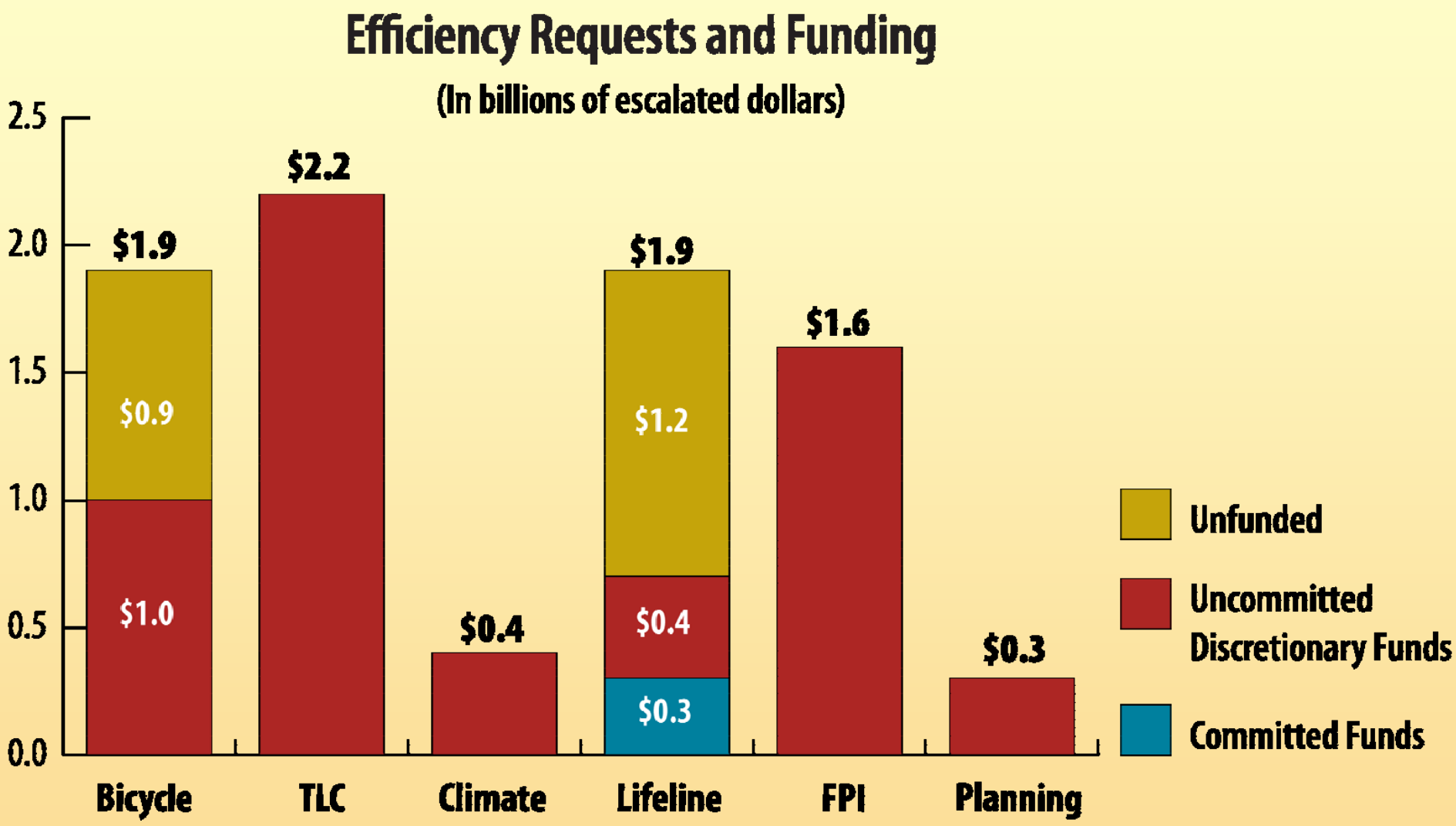



Road Maintenance Expenditures by County
(In millions of escalated dollars)
Total Need
Alameda
$1,253
$6,372
Contra Costa
$1,001
$4,362
Marin
$328
$1,477
Napa
$221
$1,284
San Francisco
$681
$3,562
San Mateo
$729
$3,089
Santa Clara
$1,477
$8,177
Solano
$524
$2,559
Sonoma
$786
$3,570
0
2,000
4,000
6,000
8,000
10,000
Committed Funds
Uncommitted Discretionary Funds
Shortfall

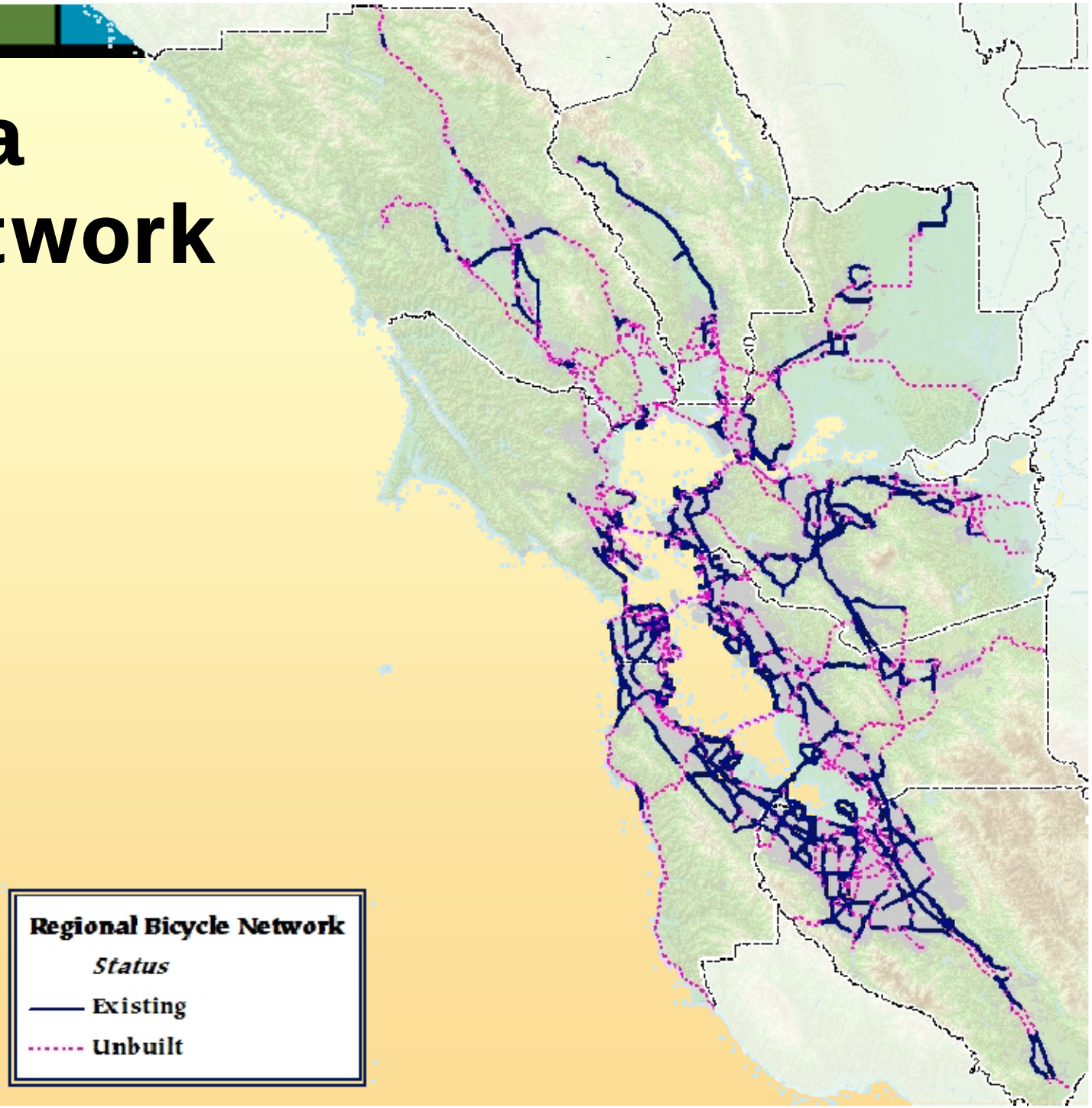
Total Transit Capital Replacement Needs and Shortfalls by Operator

(In millions of escalated dollars)



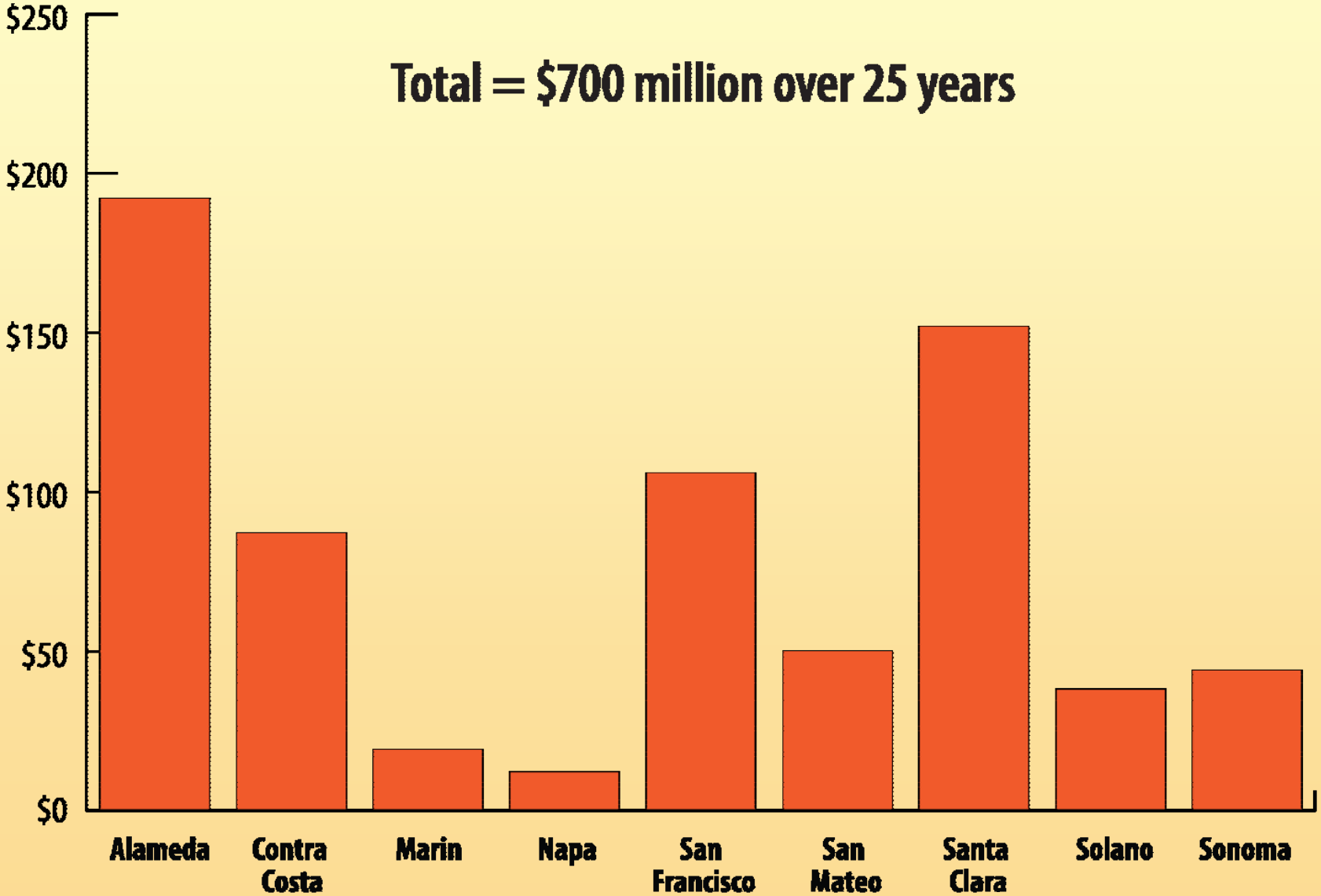

Efficiency Requests and Funding
(In billions of escalated dollars)
2.5
2.0
1.5
1.0
0.5
0.0
$1.9
$0.9
$1.0
$2.2
$0.4
$1.9
$1.2
$0.4
$0.3
$1.6
$0.3
Bicycle
TLC
Climate
Lifeline
FPI
Planning
Unfunded
Uncommitted Discretionary Funds
Committed Funds

Bay Area Bike Network

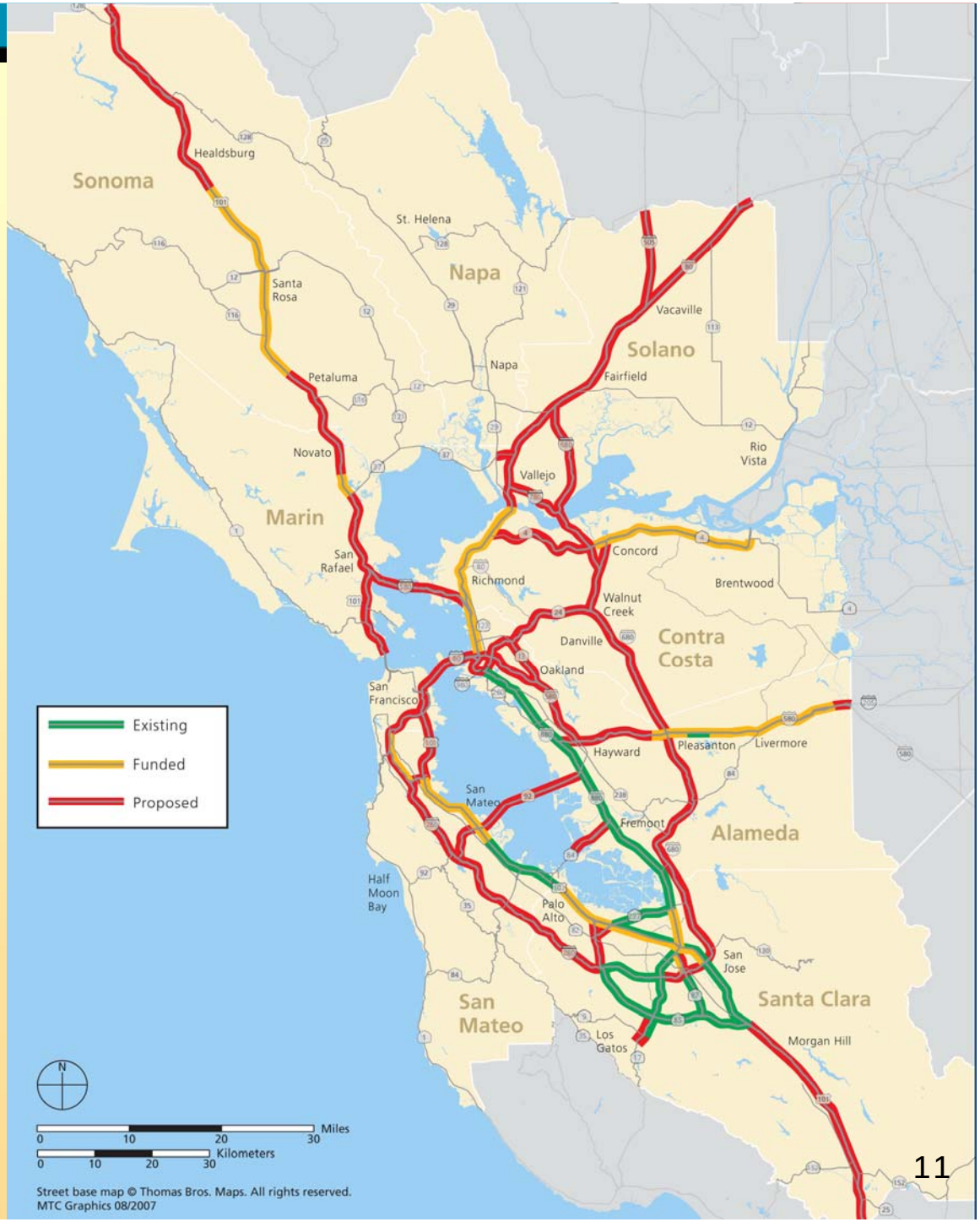


Lifeline County Share

(based on share of total regional poverty population)



Freeway Performance Ramp Metering



Freeway Performance Initiative

- TOS - $700 m (10 years)
- TOS Maintenance/Replacement – $900 m (25 years)
- Arterial Coordination/Management - $40 m (25 years)
- Performance Monitoring – $10 m (25 years)

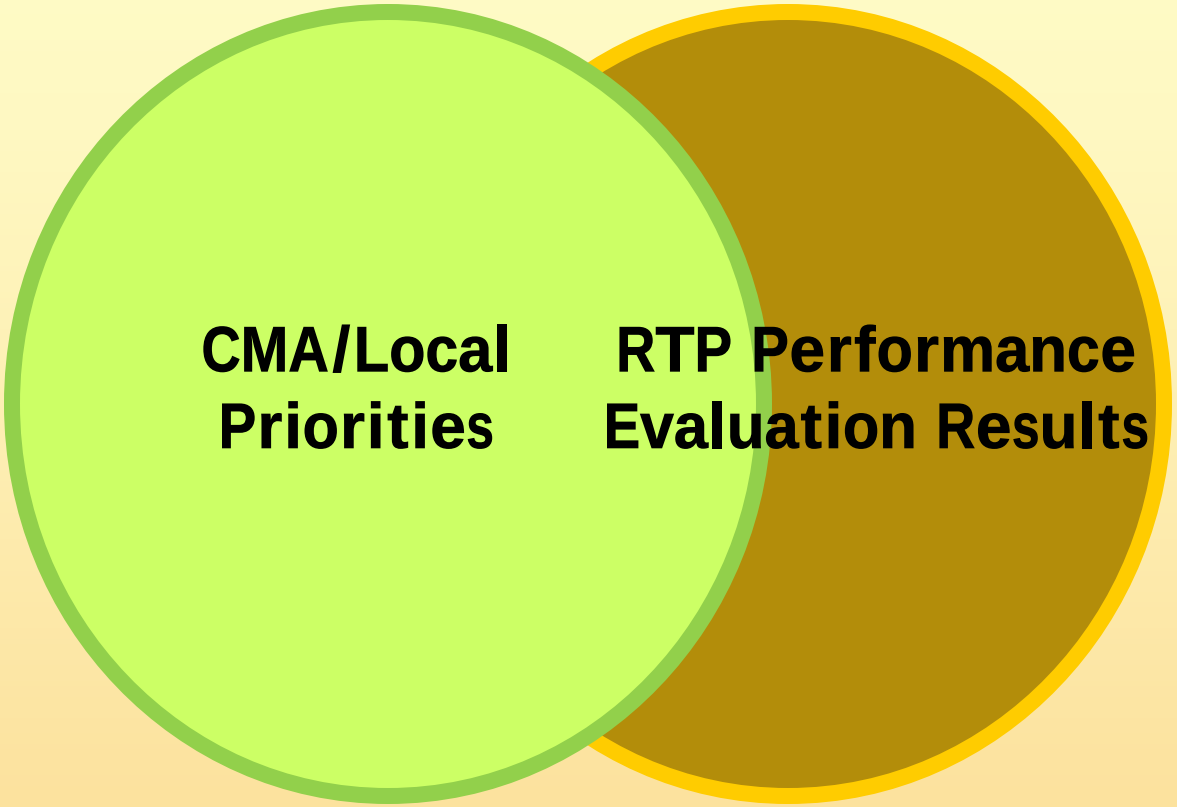
Proposed Planning Funds

(escalated in thousands of $)

	FY 08/09		25-Year Total
Counties	$525 – $915		$204,000
MTC	$525	*	$19,000
ABAG	$525	*	$19,000
BCDC	$260		$9,000
TOTAL	$6,925		$251,000

* Allocations made to counties start in FY 08/09; first allocation to MTC, ABAG, and BCDC start in FY 09/10

Expansion Investment Approach



Cost-Effective Projects Included on Counties' Priority Lists

Projects with B/C >=3 and/or Strongly Supports >=2 Goals
In millions of escalated $

	Project Cost	Requested Discretionary Funds	BC Ratio	Number of Goals Strongly Supported
Various HOV Projects Assumed in Regional HOT Network	—	—	>7	—
Net HOT Network Revenues for Corridor Mobility Improvements	$6,100	$6,100	—	4
AC Transit's Transit Priority Measures and Corridor Improvements Phase 1	$20	$20	30	4
Marin County's Transit Priority Measures	$46	$36	4	4
Bus Rapid Transit and Transit Preferential Streets in San Francisco	$190	$150	17	4
Van Ness Avenue Bus Rapid Transit	$86	$86	10	4
Geneva/Harney Bus Rapid Transit	$233	$56	0.7	4
Route 237 ramp improvements	$18	$18	5	1
Jepson Parkway	$60	$60	5	0
Geary Boulevard Bus Rapid Transit	$220	$185	7	4

Cost-Effective Projects Excluded from Counties' Priority Lists

Projects with B/C >=3 and/or Strongly Supports >=1 Goal

In millions of escalated $

	Project Cost	Requested Discretionary Funds	BC Ratio	Number of Goals Strongly Supported
AC Transit Priority Measures and Corridor Improvements Phase 2	$37	$37	30	4
Route 84 Widening near Stanley Boulevard	$135	$21	13	1
I-580 WB Truck Climbing Lane in Altamont Pass	$91	$91	8	1
Marin County local bus service expansion	$66	$66	1	4
North Connector: Parallel Corridor to I-80 from Red Top to Abernathy	$70	$35	7	0
Route 12 Capacity, Operations, and Safety Improvements	$118	$118	4	1

Projects with Uncertain Need Included on Counties' Priority Lists

Projects with B/C <1

In millions of escalated $

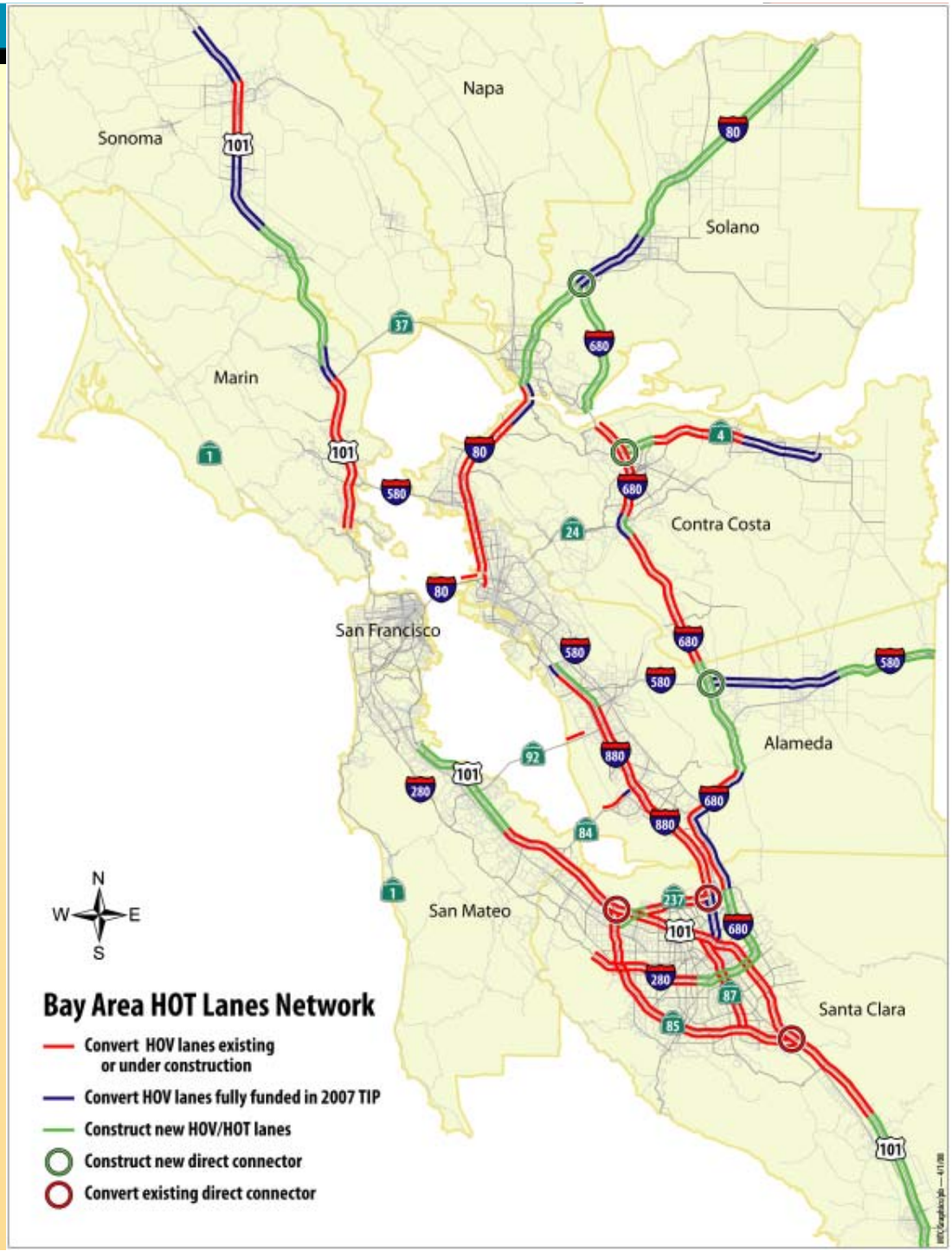
	Project Cost	Requested Discretionary Funds	BC Ratio	Number of Goals Strongly Supported
I-680/Norris Canyon Road HOV Direct Connector Ramps	$102	$43	-0.1	0
Route 92 improvements from San Mateo Bridge to I-280 (includes widening and uphill passing lane from U.S. 101 to I-280)	$110	$60	0.7	1

Proposed ITIP Allocation

(escalated millions of $)

	Committed ITIP	Proposed ITIP
Intercity Rail		
Capitol Corridor	$149	—
Oakland Subdivision ROW (Dumbarton)	$39	$40
Martinez Intermodal	—	$10
ACE ROW/Improvements	—	$75
Martinez Subdivision Grade Seps.	—	$75
Regional Program		
I-80/680 Interchange Phase 1	—	$200
SRs 25, 152 Improvements	—	$245
I-580/680 I/C Improvements	—	$576
Novato Narrows	—	$180
TOTAL	**$188**	**$1,401**

Regional HOT Network



Equity Proposal: Net Revenue Sharing

(Dollars in billions in year 2033)

County	Share of Net Revenue	Stress Test	T2035
Alameda	27	0.4	1.7
Contra Costa	31	0.4	1.9
Santa Clara	38	0.6	2.3
Regional **(Toll Bridges)**	4	0.1	0.2
TOTAL	100%	$1.5	$6.1

Net HOT Revenue Corridor Proposed Expenditures

- **Alameda County**
  - Express Bus/BRT
  - ITS Management Technologies
  - Rail Improvements
- **Contra Costa County**
  - Corridor Mobility Improvements TBD
- **Santa Clara**
  - Transit – 2000 Measure A capital and operating needs
  - Local Road Rehabilitation
  - Local Transportation Projects and Enhancements

The Color of Money
Staff Proposal: $31.6 billion

In billions of escalated $

	RTIP/ITIP/ SLPP $6.0	STP/ CMAQ $5.5	STA Spillover $0.9	JARC/New Freedom $0.2	HOT $6.1	Anticipated/ Unspecified $12.9	Total
Maintenance							
Transit		$1.0	$0.7			$4.7	$6.4
Local Roads		$1.4				$5.6	$7.0
Highways							—
Efficiency							
Lifeline			$0.2	$0.2			$0.4
Bike, Climate, TLC, FPI, Planning		$3.1				$2.4	$5.5
Expansion	$6.0				$6.1		$12.1
Risk Contingency						$0.2	$0.2
Total	**$6.0**	**$5.5**	**$0.9**	**$0.2**	**$6.1**	**$12.9**	**$31.6**

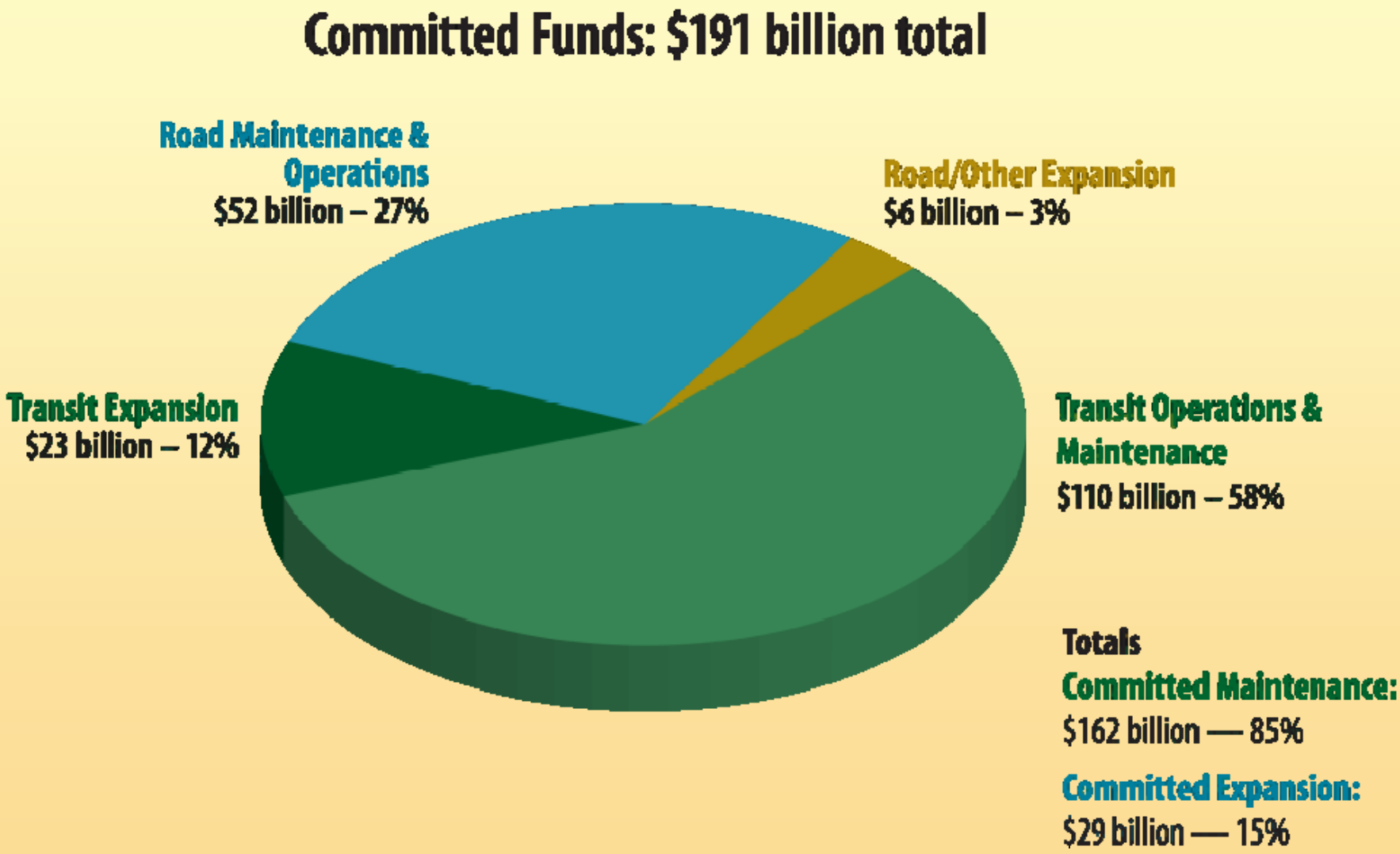
Past and Present RTP Discretionary Commitments

	2001	2005	2009
Transit Rehab	16	15	20
Local Road Rehab	2	11	22
Regional Operations (e.g. TransLink®, 511)	7	5	6
Lifeline	0	2	1*
Bike/Ped**	0	2	3
TLC	5	8	7
Other	1	2	3
Hwy/Transit Expansion	69	55	39
TOTAL	100%	100%	100%

*Percent shown does not account for the $300 million committed to Lifeline Transportation Program, which has a total funding of $700 million

** 2005 bike/ped; 2009 is bike only, but ped is included in TLC and Climate Change (part of "Other".)

2. Committed Funds



Committed Projects in TIP

Illustrative Examples, Not Exhaustive

	Committed Funds	Current Status
I-580 (Tri-Valley) Corridor - EB HOV Lane	$179	CONST
SR 24 - Caldecott Tunnel 4th Bore*	$421	DESIGN
SR 12 (Jamieson Canyon Road) Widening	$139	ENVIRON
Santa Clara/Alum Rock Transit Improvement/BRT*	$132	DESIGN
US 101 Auxiliary Lanes - 3rd to Millbrae*	$188	CONST
I-80 HOV lanes in Solano Co.	$85	ROW
Son 101 HOV - Steele Lane to Windsor (North)	$120	ROW

*Sales Tax Project

Resolution 3434

($ in billions)

Total Cost: **$17**

Committed Funds: **$13**

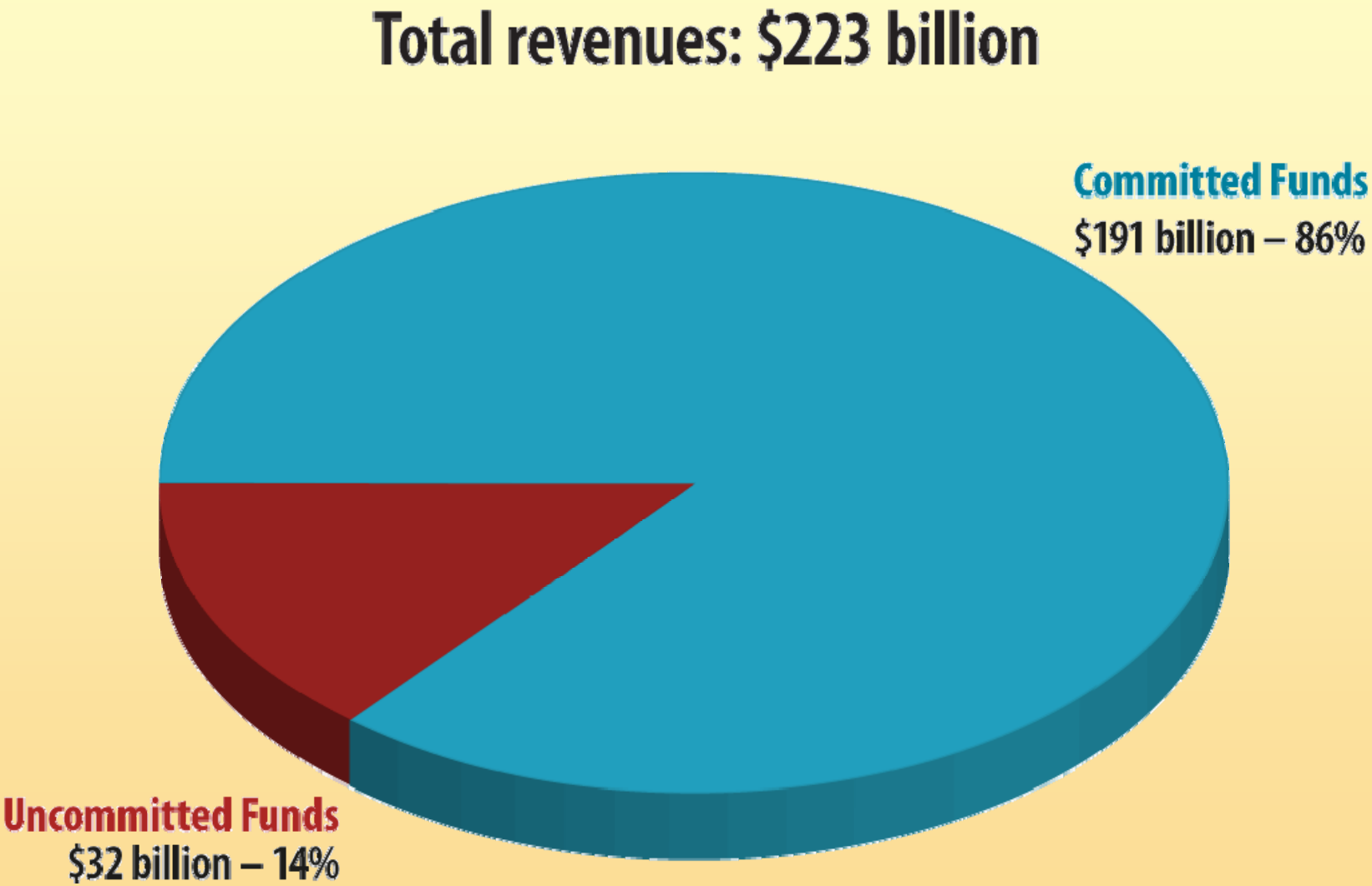
Uncommitted Need: **$4**

Incident Management & Traveler Info/Coordination – Committed Funds

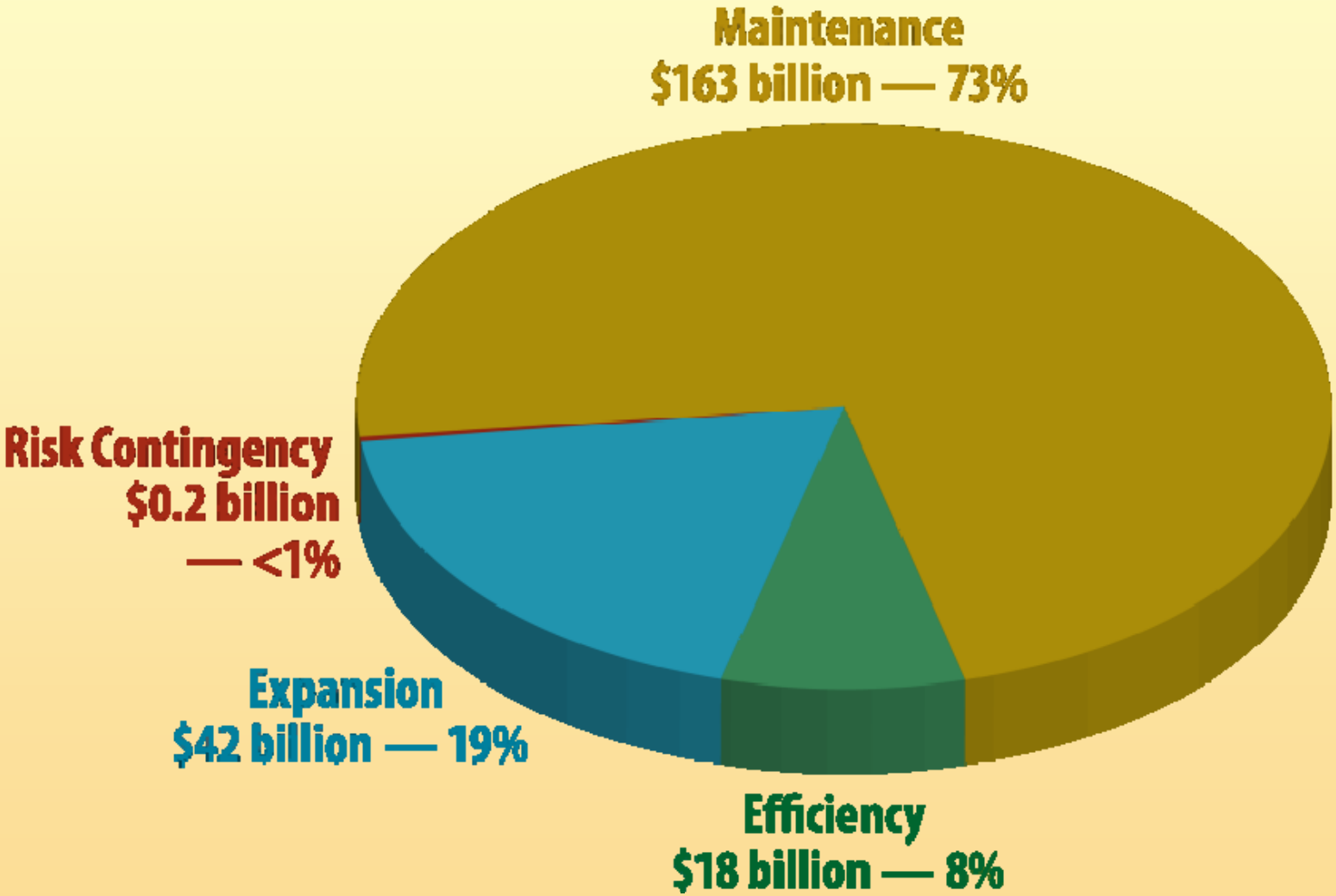
Escalated in millions of $

	Committed Funds
FSP/Call Boxes/Incident Management	$210
TransLink	$408
511 Traveler Information	$454
Transit Connectivity/Marketing	$60
TOTAL	$1,132

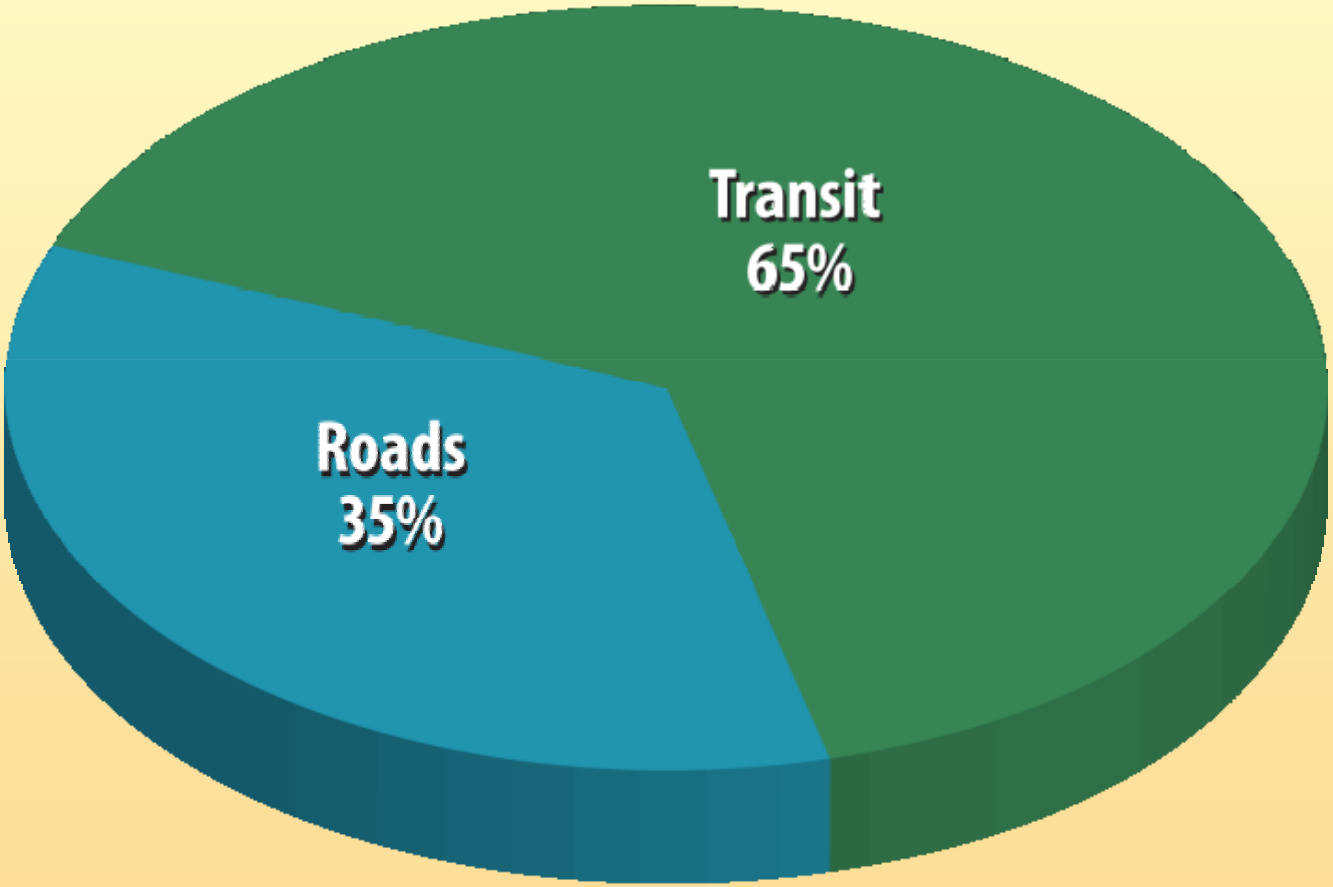
3. Total T2035 Revenues



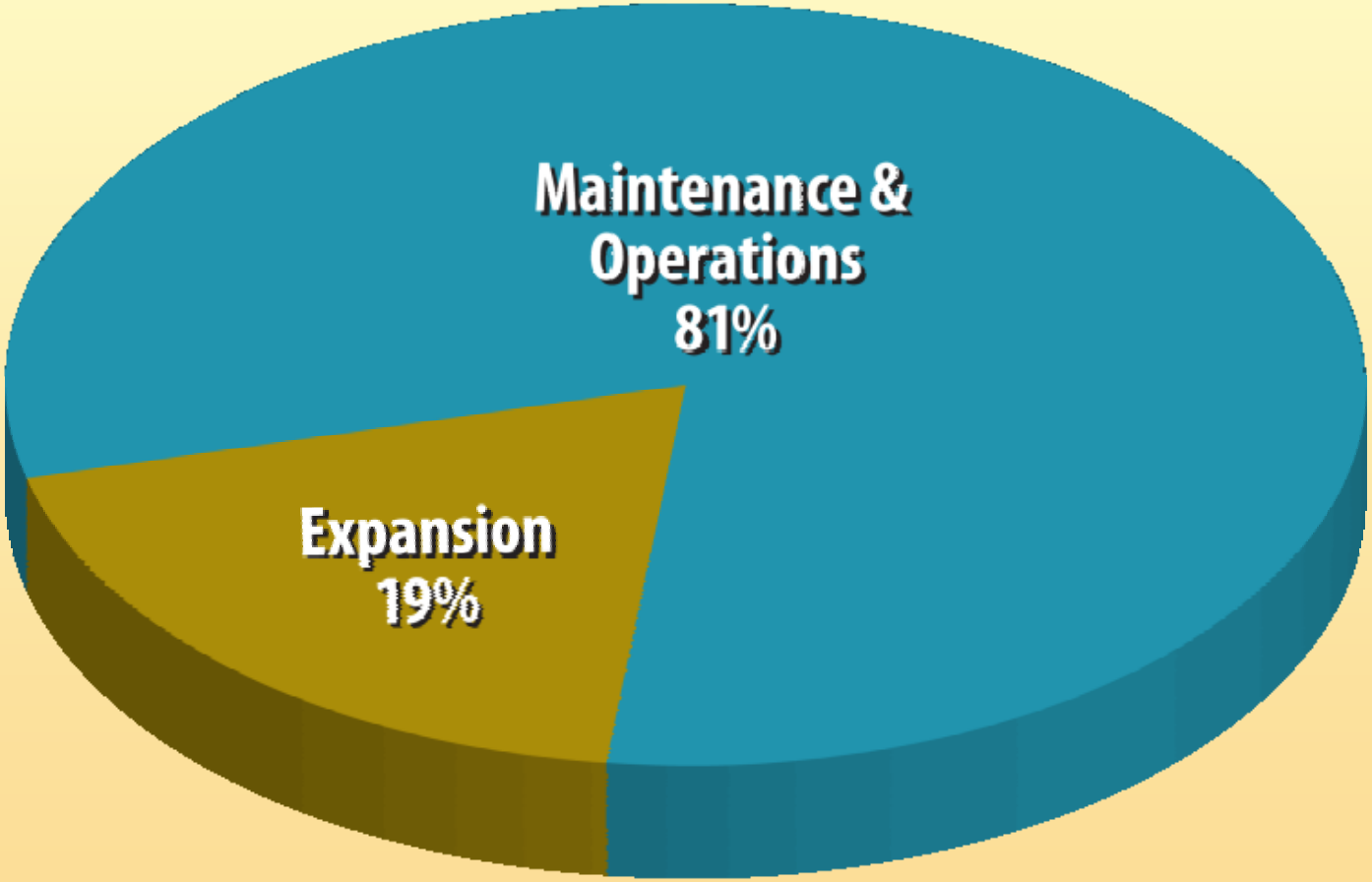
Plan Expenditures = $223 billion total



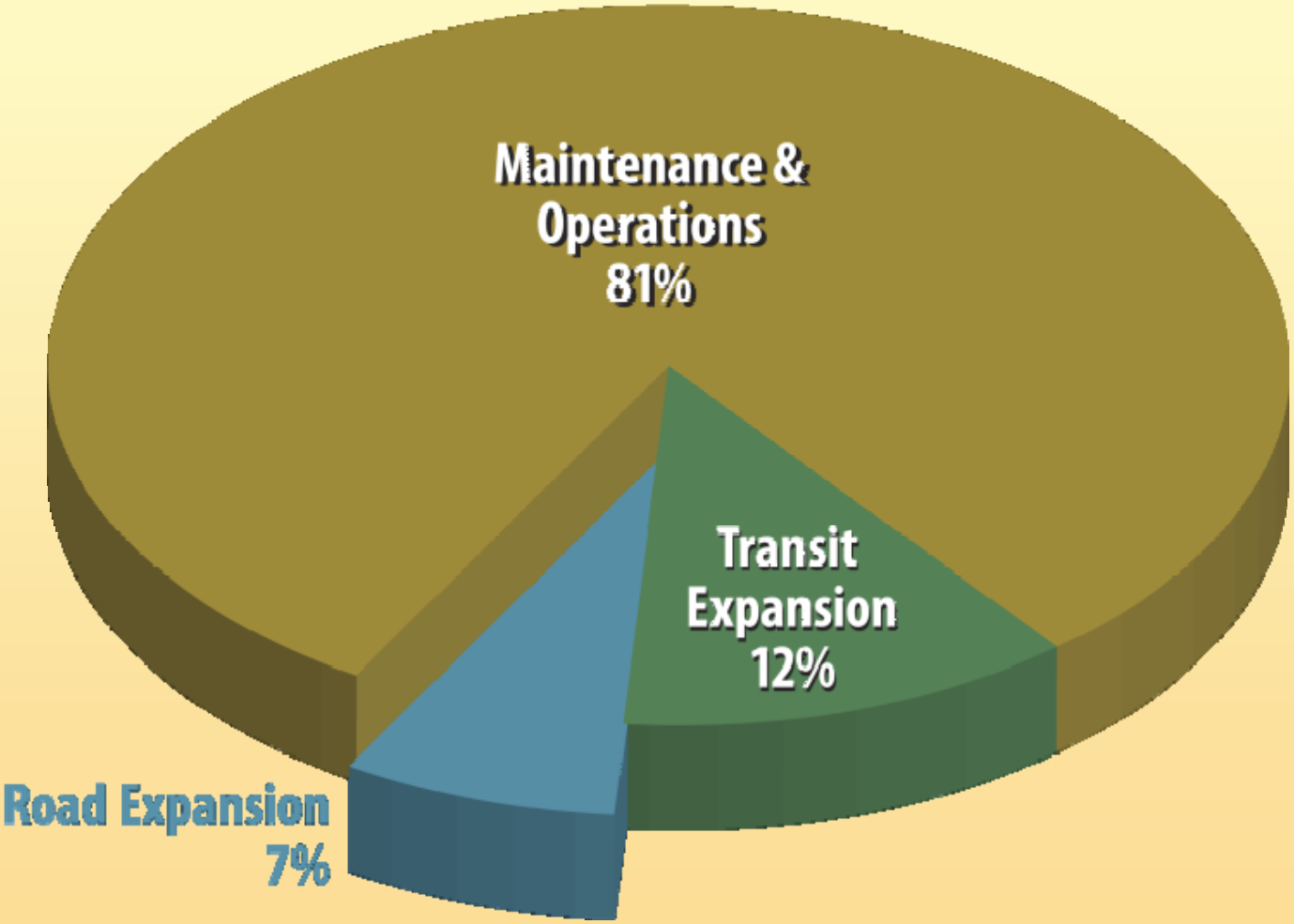
Plan Expenditures by Mode



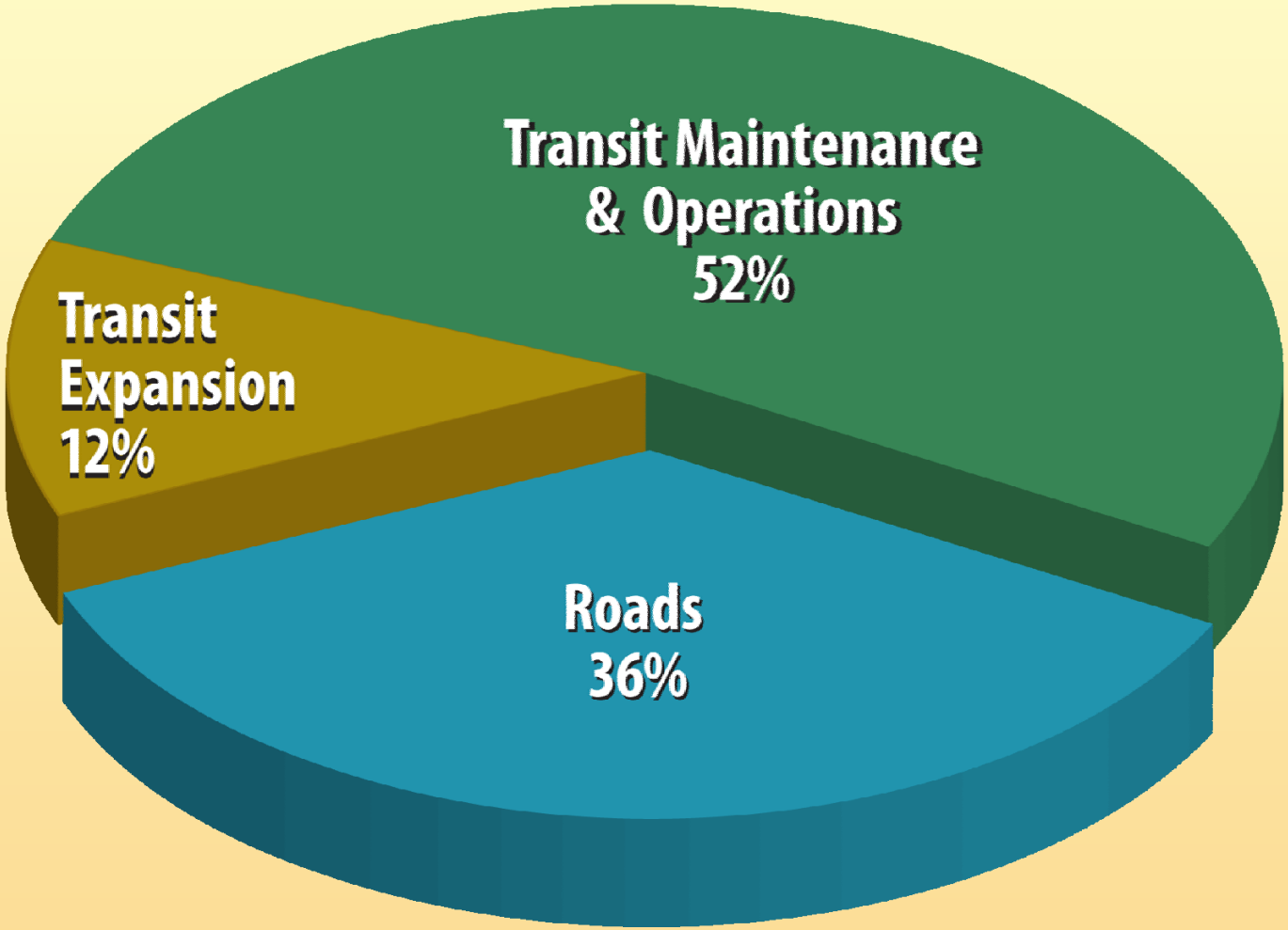
Plan Expenditures by Function



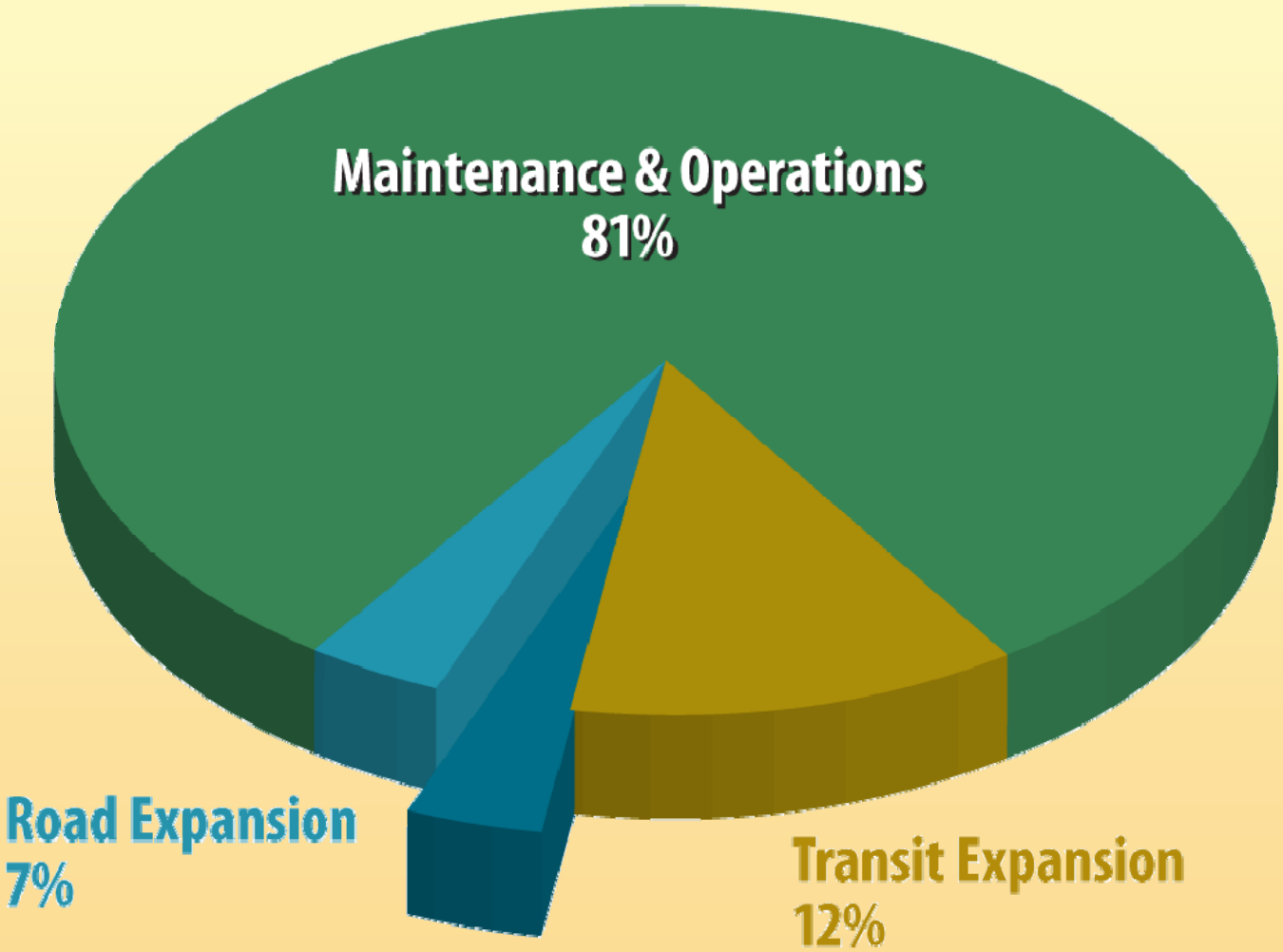
Plan Expenditures Supporting Focused Growth



Plan Expenditures Supporting Lifeline



Plan Expenditures Supporting Climate Protection



Potential Expenditures for Unanticipated New Revenues

- Transit Shortfall – $15 billion
- State Highway Shortfall – $13 billion
- Local Roads Shortfall – $11 billion
- Resolution 3434 Shortfalls – $3.7 billion
- Regional Bicycle Program – $900 million
- Lifeline Program – $1.2 billion
- Regional Rail Right-of-Way Preservation – $740 million
- BART Core Capacity Improvements – $4.2 billion