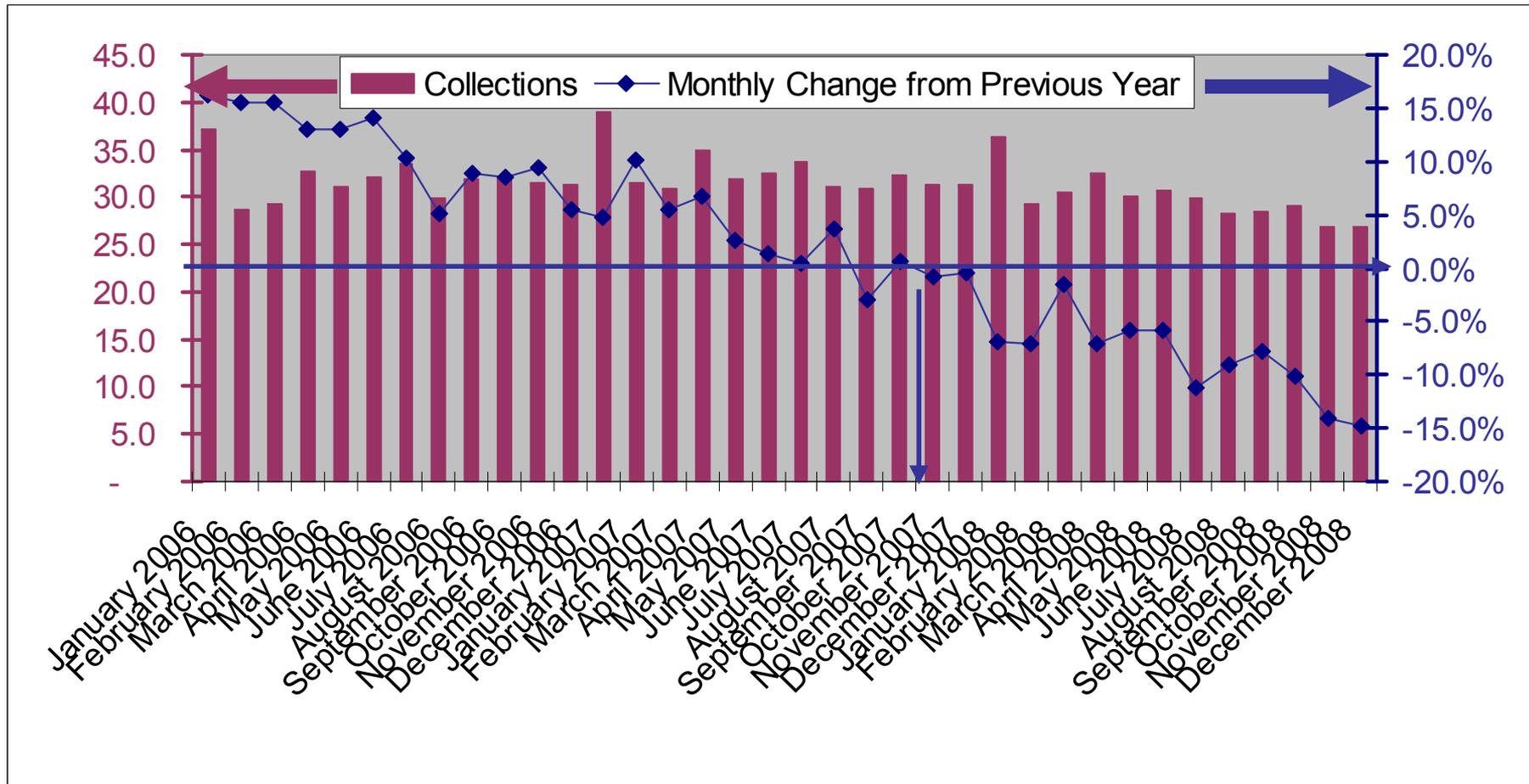


MAG Management Committee  
February 11, 2009

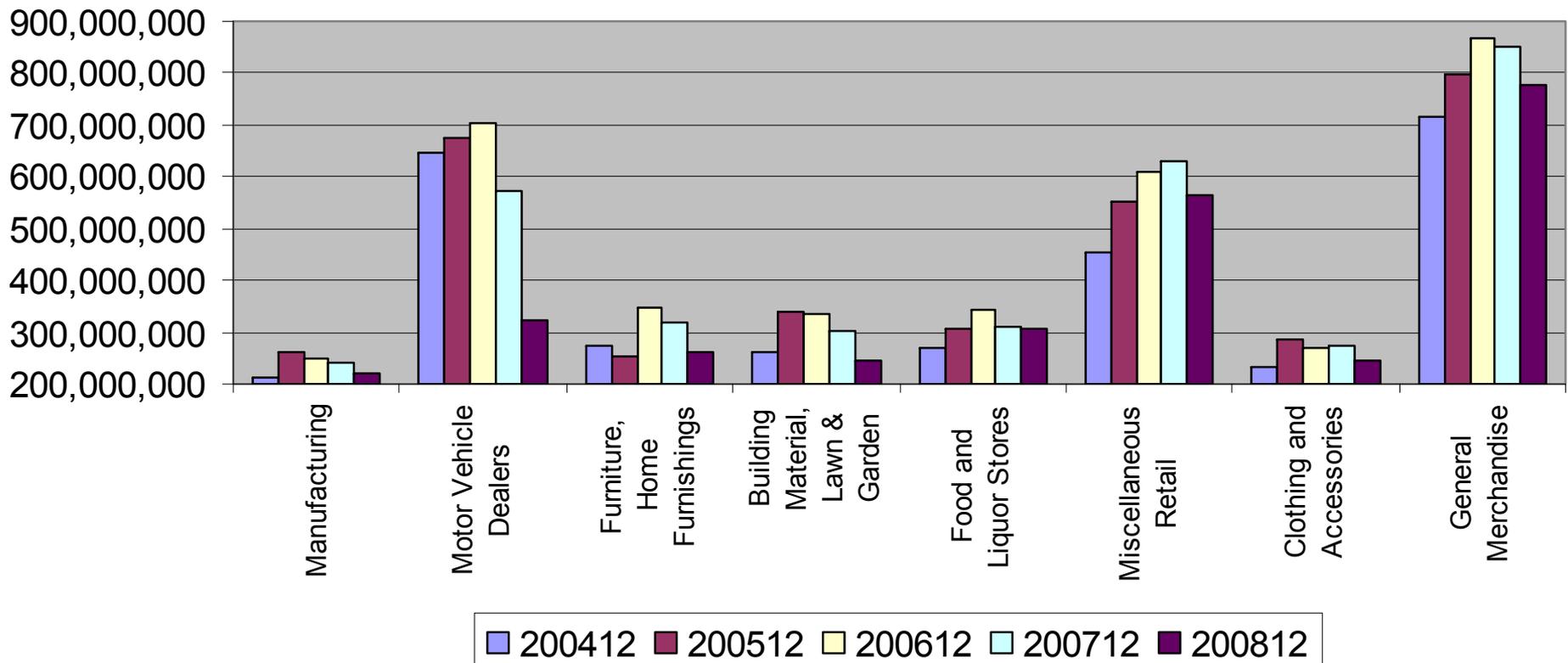
# Transportation Planning Update Proposition 400



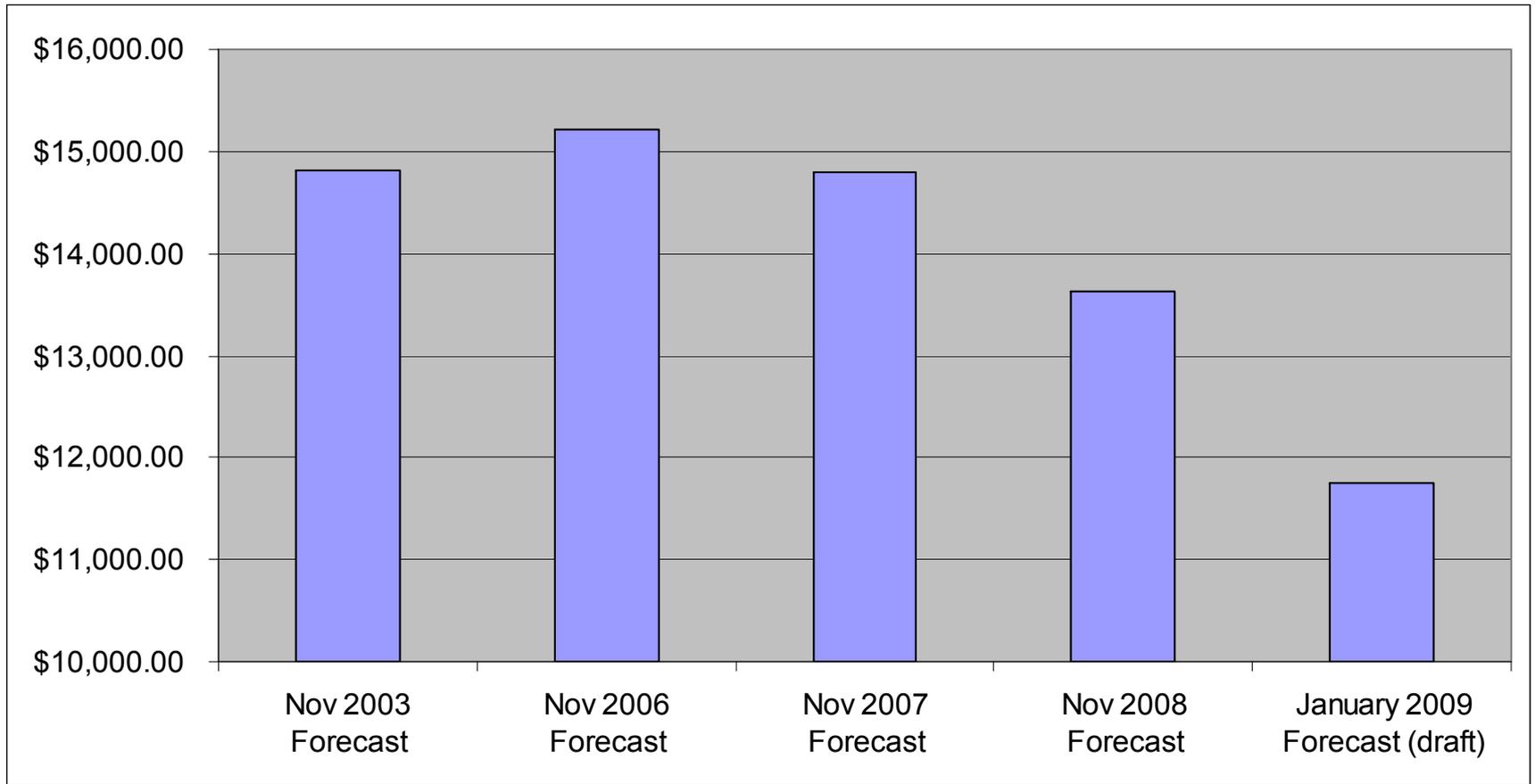
# Proposition 400 Sales Tax Revenues



# Major Sales Tax Categories



# Comparison of Sales Tax Projections



# Summary of Freeway Revenues and Costs (before 2009 revenue revision)

Summary of Revenues & Costs			
Proposition 400 Freeway Program (2006 - 2026)			
Category	July 2008	Current	Change
Sales Tax Revenues	8,420.8	7,765.4	(655.4)
ADOT Funds	8,208.1	7,253.3	(954.8)
Federal Funds	638.2	679.3	41.1
STAN & Other	473.7	452.1	(21.6)
<b>Total Revenues</b>	<b>17,740.8</b>	<b>16,150.1</b>	<b>(1,590.7)</b>
Debt Service	2,379.2	2402.5	23.3
Inflation Allowance	3,486.1	3112.9	(373.2)
Transfers & Misc	249.5	253.3	3.8
<b>Total Nonproject Costs</b>	<b>6,114.8</b>	<b>5,768.7</b>	<b>(346.1)</b>
<b>Net Funds Available</b>	<b>11,626.0</b>	<b>10,381.4</b>	<b>(1,244.6)</b>
<b>Less:</b>			
<b>Projects Obligated thru 2009</b>	2,150.8	2,150.8	-
<b>Systemwide costs (FY09-FY25)</b>	1,275.9	1,275.9	-
<b>Planned Projects</b>	12,063.6	12,063.6	-
<b>Equals:</b>			
<b>Deficit</b>	<b>(3,864.2)</b>	<b>(5,108.8)</b>	<b>(1,244.6)</b>

# Recent and Current Activities

- Inner Loop Peer Review Panel
- Corridor Options Review
- Options for Moving Forward
- Next Steps and Schedule



# Inner Loop Peer Review Panel

- Convened in November 2008
- Joint effort by ADOT and MAG
- Examine RTP and DCR recommendations for freeways leading to the Inner Loop



# Six-lane Corridor Options

	Arterial	Arizona Parkway	Freeway
Cost per mile	\$7 - \$15 million	\$20 - \$40 million	\$90 - \$120 million
Capacity at LOS E (vehicles per day)	55,000 vpd	90,000 vpd	140,000 vpd
Right of Way (minimum)	130-ft	200-ft	300-ft
Measure of Effectiveness (Annual volume/\$ per mi)	39.5	21.0	9.3
Average Crash Rate (Crashes/1 million miles)	2.4	0.5	1.7

# “The Arizona Parkway”

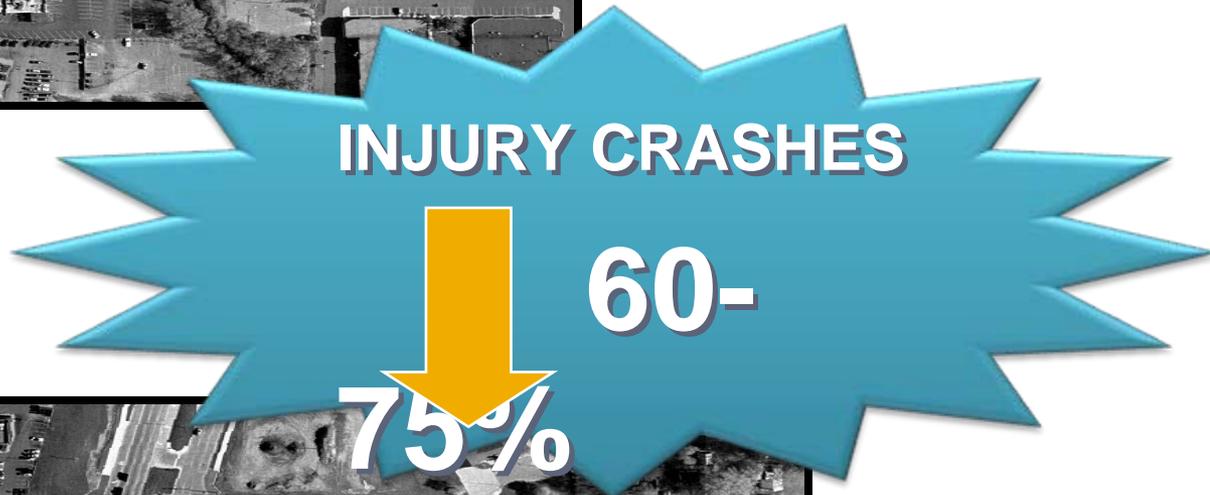
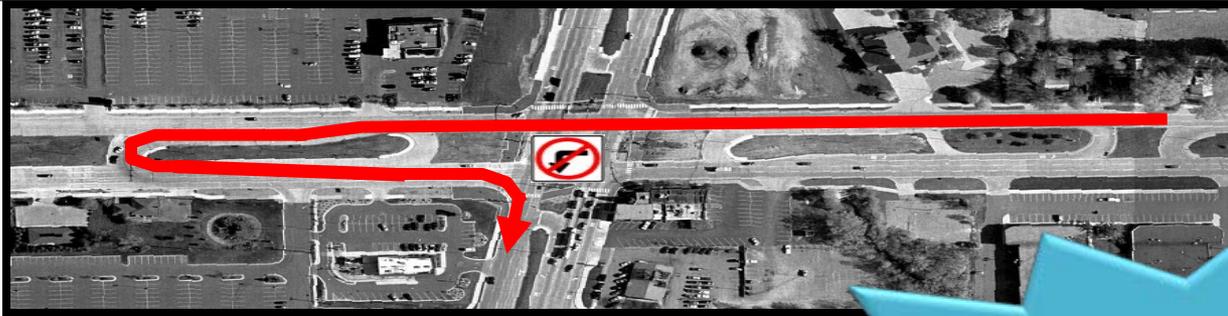


- 40 years practice in seven states
- Marginal cost increase over conventional arterials
- Near-freeway volumes

Context sensitive



# Indirect Left Turn



# Options

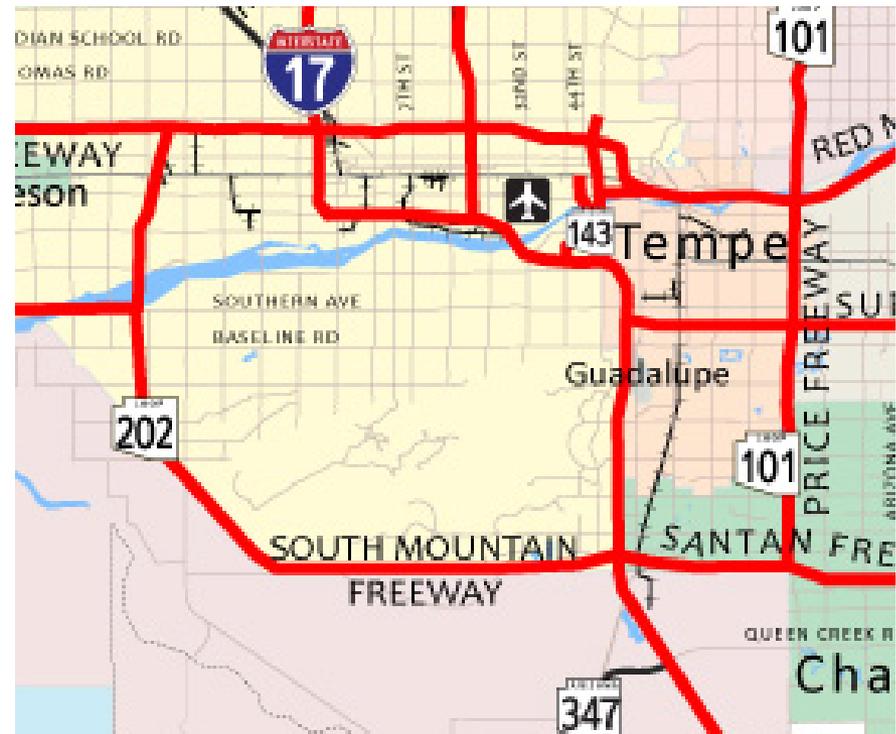
## South Mountain and SR-801 Corridors

- Continue with current plans for 6-lane construction; clear and obtain ROW for ultimate 10-lane freeway
- Construct as a 6-lane freeway only with provision for HOV lanes in median
- “SR-51 Option” – Build freeway within narrower ROW footprint
- Construct as an Arizona Parkway in Freeway ROW
- Construct as an Arizona Parkway in Parkway ROW
- No Build



# For Example . . . what happens if . . . South Mountain Corridor

- Construct as an Arizona Parkway in Parkway Right-of-Way
  - Pros
    - Less land needed for corridor
    - Fewer business and residence relocations
    - Smaller impact on South Mountain Park
  - Cons
    - Opportunity for ultimate Freeway lost
    - May need additional system improvements to make up for lower capacity



# Notes:

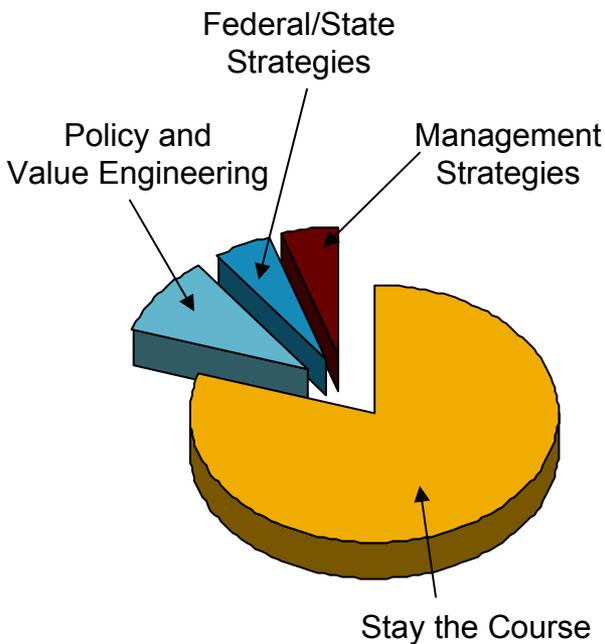
- Decisions are inter-related, for example:
  - South Mountain Corridor
    - SR-801
    - Interstate 10/Papago Freeway
    - Interstate 10/Maricopa Freeway
    - Surface Streets



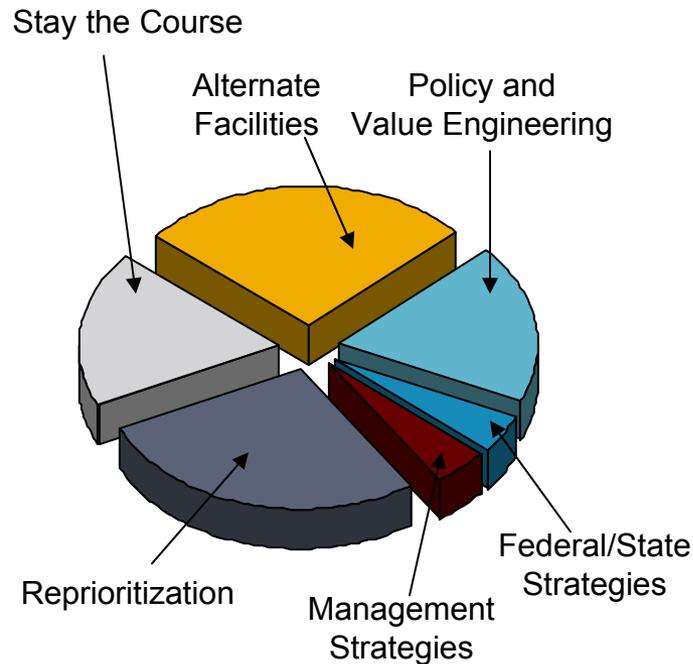
<b>Corridor</b>	<b>RTP Estimate</b>	<b>Current Estimate</b>	<b>Cost Difference</b>	<b>Percent Difference</b>
Interstate 10/Maricopa Freeway	\$616m	\$817m	\$201m	+33%
Interstate 10/Papago Freeway	\$332m	\$523m	\$191m	+58%
Interstate 17/Black Canyon Freeway	\$1,451m	\$1,685m	\$234m	+16%
US-60/Superstition Freeway	\$135m	\$170m	\$35m	+26%
US-60/Grand Avenue	\$255m	\$264m	\$9m	+4%
Loop 101/Agua Fria Freeway	\$471m	\$634m	\$163m	+35%
Loop 101/Pima Freeway	\$404m	\$494m	\$90m	+22%
Loop 101/Price Freeway	\$104m	\$101m	(\$3m)	-3%
Loop 202/Red Mountain Freeway	\$420m	\$657m	\$237m	+56%
Loop 202/Santan Freeway	\$358m	\$437m	\$79m	+22%
Loop 202/South Mountain Freeway	\$1,067m	\$2,655m	\$1,588m	+149%
Loop 303	\$1,420m	\$2,757m	\$1,337m	+94%
SR-51/Piestewa Freeway	\$103m	\$126m	\$23m	+22%
Arizona State Route 801	\$805m	\$1,864m	\$1,059m	+132%
SR-802/Williams Gateway Freeway	\$325m	\$546m	\$221m	+68%
Arizona SR-85	\$119m	\$306m	\$187m	+157%
SR-74, SR-87, SR-88, US-93, SR-143	\$ 85m	\$173m	\$88m	+104%
System-wide Improvements	\$993m	\$1,539m	\$546m	+55%
<b>Totals:</b>	<b>\$9,463m</b>	<b>\$15,748m</b>	<b>\$6,285m</b>	<b>+66%</b>

# Program Direction

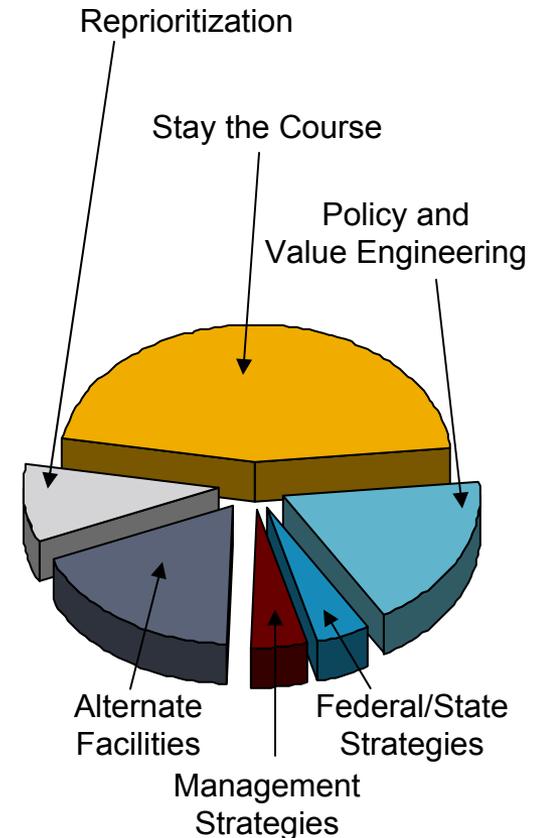
## Regional Freeway Program Scenarios



**Trend-Line**



**Maintain-Budget**



**Blend**

# Upcoming Activities

	Task
February 2009	Conduct additional corridor options reviews
March 2009	Refine RTP program scenarios with specific projects
April 2009	Develop program scenarios with financial options
May 2009	Update TPC with program opportunities
Summer 2009	TPC select program scenario
Fall 2009	Update and amend Regional Transportation Plan

**“Success is that old ABC – ability, breaks, and courage.”**

**CHARLES LUCKMAN, AMERICAN ARCHITECT**

For more information:

Eric Anderson

Transportation Director

[eanderson@mag.maricopa.gov](mailto:eanderson@mag.maricopa.gov)

Bob Hazlett, P.E.

Senior Engineer

[bhazlett@mag.maricopa.gov](mailto:bhazlett@mag.maricopa.gov)

**602 254-6300**

