

# 10 Year Highway Plan

*"A Second Look"*

By the Associated General  
Contractors of New  
Hampshire

a partner with

A Safer Road  
to Tomorrow

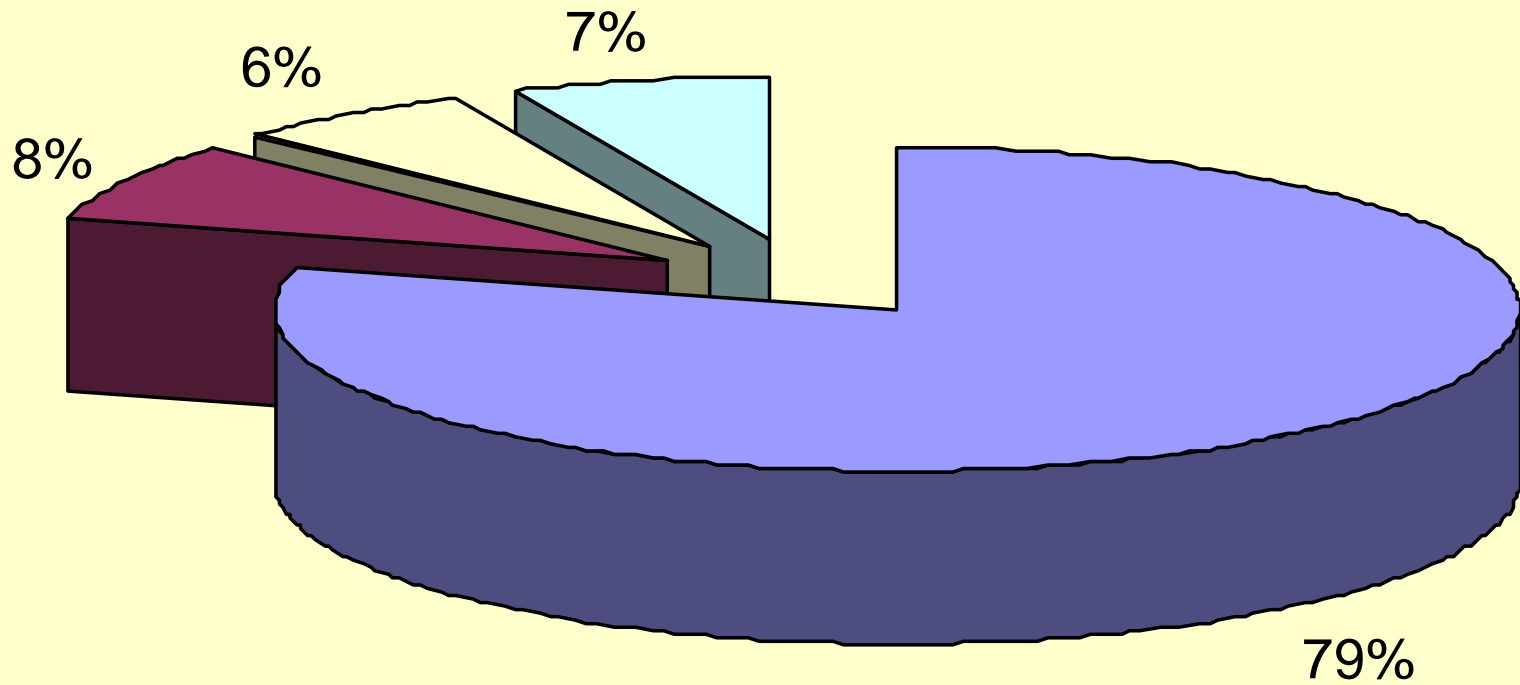


# Ten Year Highway Plan Phase Description Totals by year

	Construction	Engineering	Rights of Way	Subtotal	Unknown	TOTAL
2007	212.464	23.498	13.780	249.741	34.381	284.122
2008	195.602	31.710	25.430	252.742	35.194	287.936
2009	182.680	33.405	19.059	235.144	27.266	262.410
2010	339.798	37.818	19.223	396.839	33.276	430.115
2011	213.005	26.765	20.218	259.988	20.470	280.458
2012	248.548	26.972	18.136	293.656	17.196	310.852
2013	277.956	23.120	33.126	334.203	17.344	351.547
2014	440.073	22.763	23.596	486.432	19.399	505.831
2015	353.519	23.066	23.996	400.581	17.148	417.729
2016	350.010	22.118	29.696	401.824	18.613	420.437
<b>TOTAL</b>	<b>2,813.654</b>	<b>271.235</b>	<b>226.259</b>	<b>3,311.148</b>	<b>240.288</b>	<b>3,551.436</b>

\*Amounts in Millions

# Phase Totals (2007-2016)



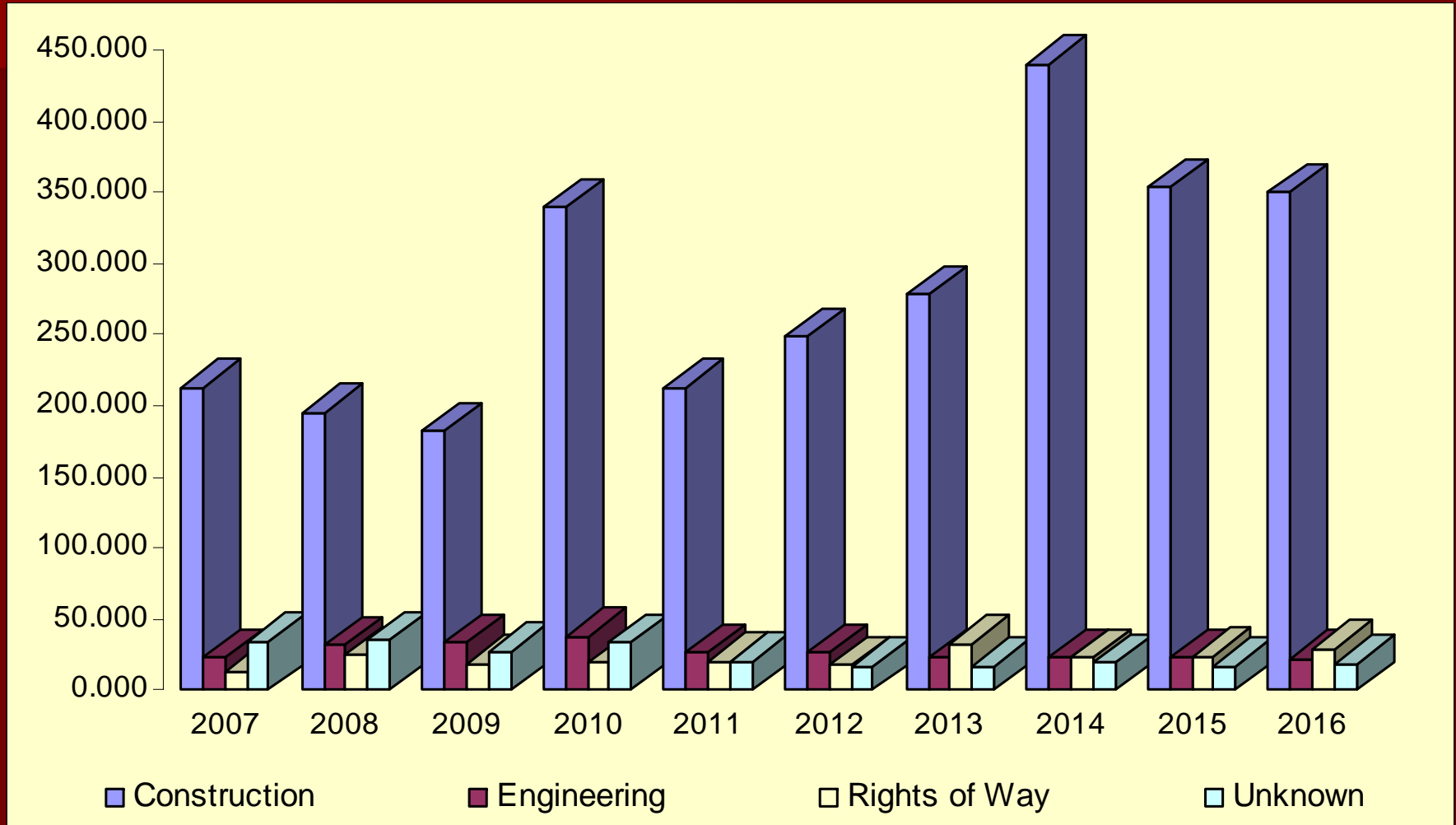
■ Construction

■ Preliminary Eng.

□ Rights of Way

□ Unknown

# Phase Description Totals by Year (millions)



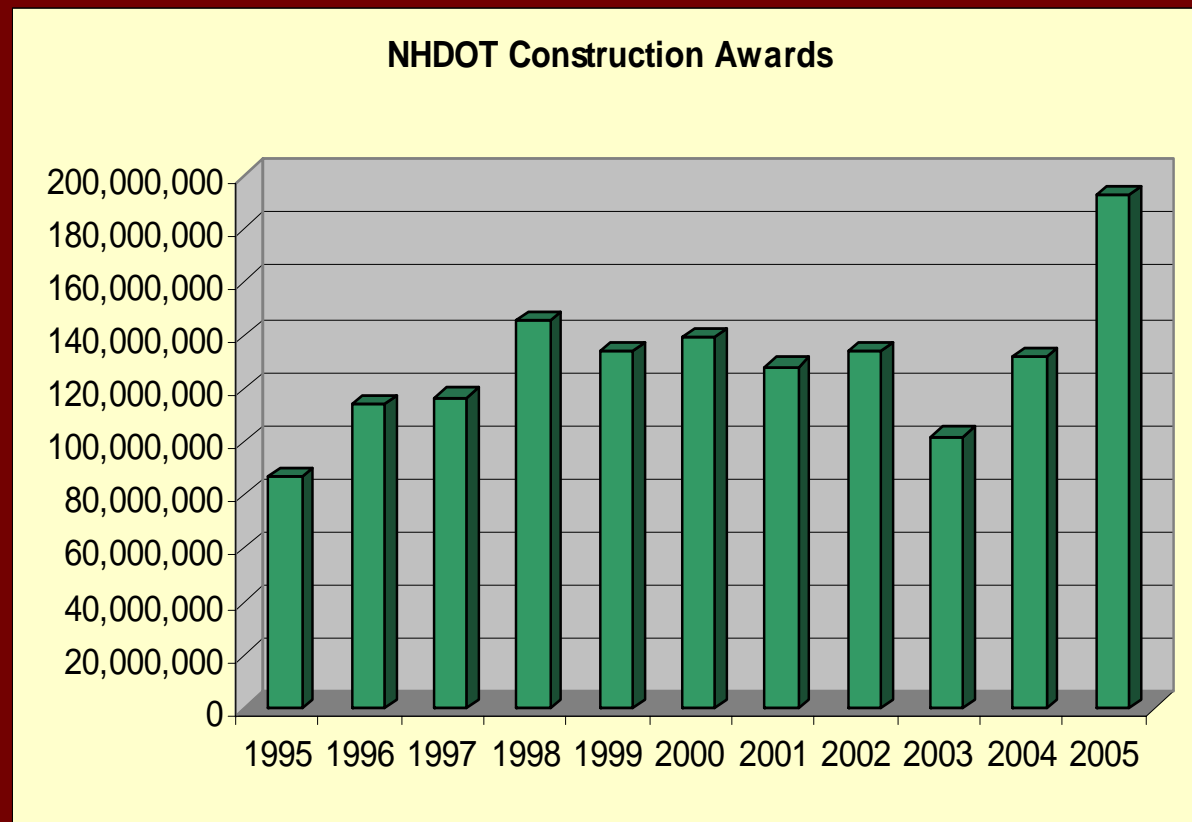
# Ten Year Highway Plan Application Code Totals by Year

	Airport	Betterment	Rail	State Aid Bridge	State Aid Highway	Turnpike	Turnpike Replace & Renew	Other	Total
2007	30.283	23.892	0.700	8.848	1.290	16.304	11.828	190.976	284.122
2008	20.874	19.284	0.300	5.686	2.039	45.923	8.300	185.529	287.936
2009	18.467	17.500	0.700	7.598	2.577	18.175	8.915	188.478	262.410
2010	20.351	14.600	0.300	5.794	2.787	29.496	6.000	350.786	430.114
2011	6.538	14.600	0.800	8.400	2.537	11.879	6.000	229.704	280.458
2012	6.558	14.600	0.400	6.750	2.537	15.000	6.100	258.907	310.852
2013	3.505	14.600	0.800	8.000	2.537	28.217	6.100	287.787	351.547
2014	6.510	14.600	0.400	8.000	2.537	92.720	6.200	374.864	505.831
2015	5.579	14.600	0.800	8.000	2.537	44.600	6.200	335.413	417.729
2016	5.507	14.600	0.400	8.000	2.537	80.900	6.200	302.294	420.438
<b>Total</b>	<b>124.171</b>	<b>162.876</b>	<b>5.600</b>	<b>75.076</b>	<b>23.918</b>	<b>383.214</b>	<b>71.843</b>	<b>2,704.739</b>	<b>3,551.437</b>

*\*Amounts in millions*

# NHDOT Construction Awards

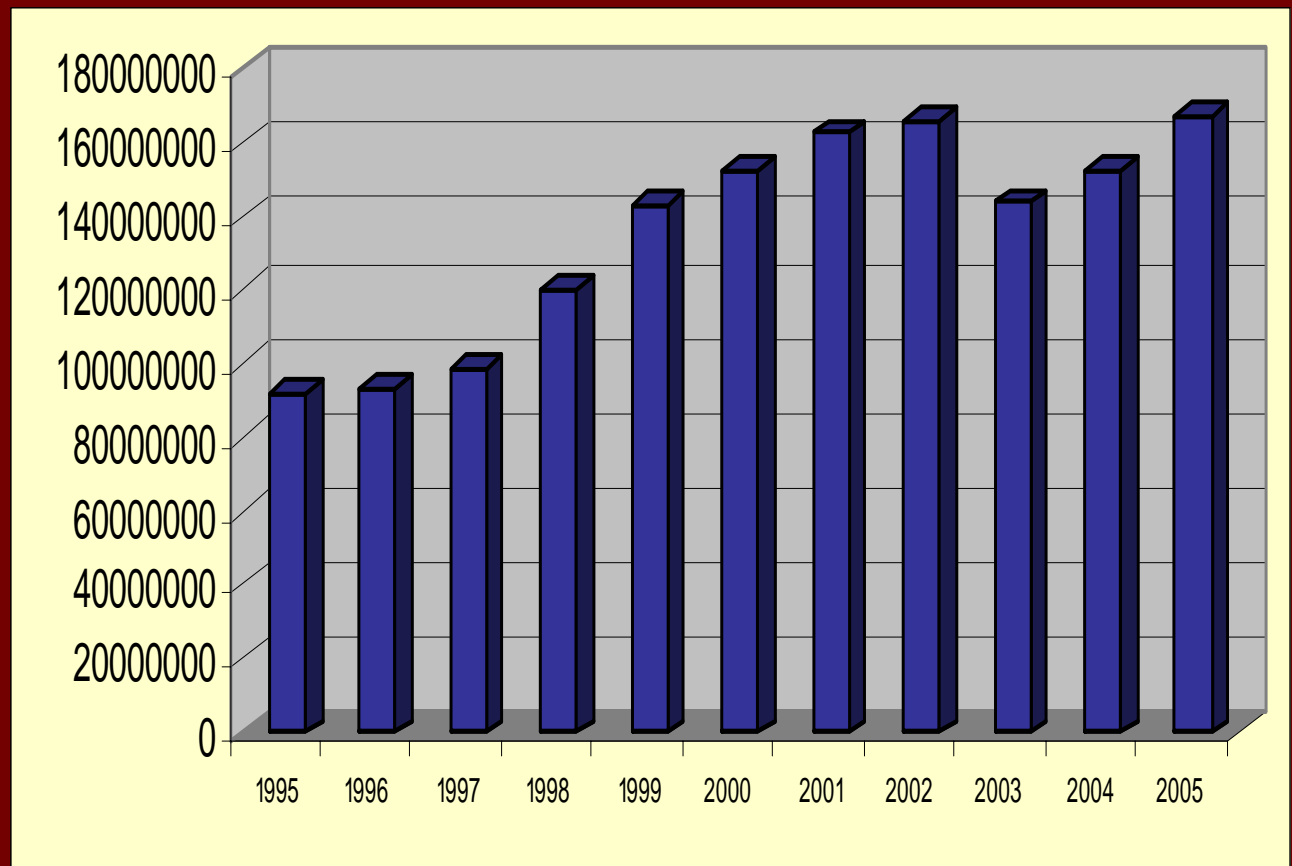
<u>Year</u>	<u>End of Year Totals</u>
1995	87,000,000
1996	113,900,000
1997	117,000,000
1998	145,504,900
1999	133,987,200
2000	139,100,000
2001	128,535,300
2002	134,003,200
2003	102,233,300
2004	132,271,200
2005	192,734,800



*1995-1997 based on projects awarded. 1998-2005 based on NHDOT advertising schedules.*

# Federal Revenue

<u>Year</u>	<u>End of Year Totals</u>
1995	92,123,032
1996	93,488,488
1997	98,627,671
1998	120,523,330
1999	143,165,643
2000	152,514,592
2001	162,685,726
2002	165,665,912
2003	143,506,455
2004	152,697,230
2005	167,434,437



# Highway Act Signed by President

Finally, the House and Senate agreed on the long awaited Transportation Equity Act Legacy for Users (TEA\_LU), legislation that will authorize investing \$286.4 billion over six years on highway and transit infrastructure projects. President Bush signed the legislation on August 10th, 2005. This also guarantees that no state would receive less than 92 cents back for every dollar they pay in federal gasoline taxes. This doesn't mean much for New Hampshire since our return for every dollar has been sliding downward from \$1.10 in fiscal year 2003 to an anticipated dollar in fiscal year 2009. Below is a chart that compares the average annual federal funding for each of the New England states under the new act.

## Average Annual Federal Funding

State	TEA 21	New Hwy Act	Difference	% Change
Connecticut	416,387,905	495,501,606	79,113,702	19.00%
Maine	146,044,554	190,076,692	44,032,138	30.15%
Massachusetts	515,085,233	615,685,617	100,600,384	19.53%
New Hampshire	141,895,714	168,855,900	26,960,186	19.00%
Rhode Island	164,327,250	202,264,020	37,936,770	23.09%
Vermont	125,440,355	174,861,141	49,420,786	39.40%
<b>All 50 States</b>	<b>27,923,420,971</b>	<b>36,390,600,000</b>	<b>8,467,179,030</b>	<b>30.32%</b>

*From AGC Update Aug. 15, 2005*



# Federal Funding Act History and Projections

## TEA-21\*

1998	1999	2000	2001	2002	2003
120.523	143.166	152.515	162.686	165.666	143.506
<b>TEA-21 TOTAL = 888.062</b>			<b>TEA-21 AVERAGE = 148.010</b>		

## TEA-LU\*

2004	2005	2006	2007	2008	2009
152.697	167.434	176.810	182.617	186.617	190.617
<b>TEA-LU TOTAL = 1056.792</b>			<b>TEA-LU AVERAGE = 176.132</b>		

*19% Increase between TEA-21 and TEA-LU*

## PROJECTIONS

2010	2011	2012	2013	2014	2015	2016
195.617	200.617	206.617	212.617	218.617	222.449	228.449
<b>PROJECTED TOTAL = 1256.534</b>			<b>PROJECTED AVERAGE 209.422</b>			

*\*Actual numbers from FHWA through 2005.*

# Highway Fund Revenue

## NH Fiscal Year (July 1 – June 30)

Revenue Source	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	Avg % change
<b>Total Gas Tax:</b>	118.211	122.828	128.015	122.875	136.264	140.104	142.866	146.6	151.985	154.604	<b>30.79%</b>
<b>Gas Tax</b>	106.962	110.836	115.465	109.419	116.304	119.795	121.762	125.191	129.863	132.200	
<b>Gas Tax (Betterment) *</b>	11.249	11.992	12.550	13.456	19.960	20.309	21.104	21.409	22.122	22.404	
<b>Motor Vehicle Fees</b>	61.152	63.688	65.910	64.215	68.336	72.066	83.715	84.276	89.934	93.190	<b>52.39%</b>
<b>Tolls</b>	48.304	51.024	53.558	56.966	62.062	62.221	64.546	66.962	67.274	68.180	<b>41.15%</b>
<b>Other Highway **</b>	65.027	58.695	57.911	93.430	78.044	76.793	44.491	58.541	49.581	58.166	<b>-10.55%</b>
<b>State Highway Revenue</b>	292.694	296.235	305.394	337.486	344.706	351.184	335.618	356.379	358.774	374.140	<b>27.83%</b>

\*In the year 2000, betterment went from \$.02 to \$.03 and 2005 was estimated.

\*\*Includes monies from the following sources: Turnpike Bond Proceeds for Capital or Construction Programs, Accounts Receivable, DOT Revenue and Intra-Agency Transactions

# Ten Year Plan Based on Revenue Trends

## Construction, PE & ROW

	Federal	State & Local	<i>Subtotal</i>	Unknown	Available Funding
<b>2007</b>	182.617	67.124	249.741	34.381	284.122
<b>2008</b>	186.617	69.200	255.817	35.194	291.011
<b>2009</b>	190.617	71.275	261.892	27.266	289.158
<b>2010</b>	195.167	73.351	268.518	33.276	301.794
<b>2011</b>	200.617	75.426	276.043	20.470	296.513
<b>2012</b>	206.617	77.502	284.119	17.196	301.315
<b>2013</b>	212.617	79.578	292.195	17.344	309.539
<b>2014</b>	218.617	81.653	300.270	19.399	319.669
<b>2015</b>	222.449	83.729	306.178	17.148	323.326
<b>2016</b>	228.449	85.805	314.254	18.613	332.867
<b>TOTAL:</b>	<b>2,044.384</b>	<b>764.642</b>	<b>2,809.026</b>	<b>240.287</b>	<b>3049.313</b>
	25.10%	27.83%			

# Consumer Price Index (CPI)

<u>Year</u>	<u>Change in CPI for Previous Year</u>	<u>Percentage Increase</u>	
1995	153.6		
1996	158.6	3.26%	
1997	161.5	1.83%	
1998	164.0	1.55%	
1999	168.3	2.62%	
2000	174.1	3.45%	
2001	177.4	1.90%	
2002	181.3	2.20%	
2003	184.5	1.77%	
2004	191.0	3.52%	
2005	197.6	3.46%	Average increase
	Total percentage increase	25.54%	2.55%

# Cost of Ten Year Plan

## Based on past CPI Trend

10 Year Plan Totals	"2.55% CPI	Available Funding	Short Fall
284.122	291.367	284.122	7.245
287.936	302.621	291.011	11.610
262.410	282.248	289.158	-6.910
430.115	473.987	301.794	172.193
280.458	316.216	296.513	19.703
310.852	358.412	301.315	57.097
351.547	414.298	309.539	104.760
505.831	609.021	319.669	289.351
417.729	513.598	323.326	190.272
420.437	527.648	332.867	194.782
<b>3551.437</b>	<b>3732.560</b>	<b>3049.313</b>	<b>683.247</b>

**18% Short Funding**

**0.183**

## Based on past 4% Inflation

10 Year Plan Totals	4.00% Inflation	Available Funding	Short Fall
284.122	295.487	284.122	11.365
287.936	310.971	291.011	19.960
262.410	293.899	289.158	4.741
430.115	498.933	301.794	197.140
280.458	336.550	296.513	40.036
310.852	385.456	301.315	84.141
351.547	449.980	309.539	140.442
505.831	667.697	319.669	348.028
417.729	568.111	323.326	244.786
420.437	588.612	332.867	255.745
<b>3551.437</b>	<b>4395.697</b>	<b>3049.313</b>	<b>1346.384</b>

**30% Short Funding**

**0.306296**

# Reasons the Trends of the Past 10 Years May Not Continue

- Gasoline prices have more than doubled compared to the previous ten years.
- Escalating Construction Costs: Steel, concrete and liquid asphalt prices skyrocketed in the last two years.
- In 2009 the Federal Highway Trust Fund won't have enough money to meet the obligations of SAFETEA-LU.
- Property values have escalated by nearly 50% in the last three years, thereby increasing right-of-way and mitigation costs for the state.

# Ten Year Plan Based on Realistic Trends

## Construction, PE & ROW

	Federal	State & Local	Subtotal	Unknown	Available Funding
<b>2007</b>	182.617	67.124	249.741	34.381	284.122
<b>2008</b>	185.147	68.161	253.308	35.194	288.502
<b>2009</b>	187.677	69.198	256.875	27.266	284.141
<b>2010</b>	190.207	70.235	260.442	33.276	293.718
<b>2011</b>	192.737	71.272	264.009	20.470	284.479
<b>2012</b>	195.267	72.309	267.576	17.196	284.772
<b>2013</b>	197.797	73.346	271.143	17.344	288.487
<b>2014</b>	200.327	74.383	274.710	19.399	294.109
<b>2015</b>	202.857	75.420	278.277	17.148	295.425
<b>2016</b>	205.444	76.461	281.905	18.613	300.518
<b>TOTAL</b>	<b>1,940.077</b>	<b>717.909</b>	<b>2,657.986</b>	<b>240.287</b>	<b>2898.273</b>

12.50%    13.91%

## 10 Year Plan Costs Based on 5% Inflation

10 Year Plan Totals	5.00% Inflation	Available Funding	Short Fall
284.122	298.328	284.122	14.206
287.936	316.730	288.502	28.228
262.410	295.211	284.141	11.070
430.115	516.138	293.718	222.420
280.458	350.573	284.479	66.094
310.852	404.108	284.772	119.336
351.547	474.588	288.487	186.101
505.831	708.163	294.109	414.054
417.729	605.707	295.425	310.282
420.437	630.656	300.518	330.138
<b>3551.437</b>	<b>4600.201</b>	<b>2898.273</b>	<b>1701.928</b>

**37% Short Funding**