# Plan

#### The United States federal government should provide transportation infrastructure investment for plastic reinforcement of highways in the United States.

# Contention 1: Roads

#### The Economy is reconvering now – hella warrants

Lowrey 9-27-12([ANNIE LOWREY](http://topics.nytimes.com/top/reference/timestopics/people/l/annie_lowrey/index.html), ascociate press at the “New York Times”, <http://www.nytimes.com/2012/09/28/business/economy/economy-still-weak-but-more-feel-secure.html?_r=0>. 09/27/2012. Accessed 10/03/2012. GS)

Economic experts pointed …

as well as rising household wealth.

#### Roads are structurally deficient-federal action is critical

DOT 3/23

(Department of the Treasury with the council of economic advisers, “A New Economic Analysis of Infrastructure Investment”, U.S. treasury, 3/23/12, <http://www.treasury.gov/resource-center/economic-policy/Documents/20120323InfrastructureReport.pdf>, KJ)

The American people deserve …

become safety hazards.

#### American roads are falling apart

Gage 2010

(Deborah Gage, has written for the San Francisco Chronicle, Minnesota Public Radio, Baseline and various magazines and newspapers, “America’s Roads Are Falling Appart”, September 28th 2010,

California may be home to the Tesla, one of the most glamorous electric car on Earth, but it also has the worst roads and highways in a country where …

construction, better materials and more preventive care.

#### Fiber reinforced plastics are critical to roads-resistant to corrosion

MDA No Date (Market Development Alliance, “Fiber-Reinforced Polymers (FRP) Composite Dowel Bars a 15 Year Study”, <http://aslanfrp.com/Aslan600/Resources/15yr%20Durability%20Study-MDA.pdf>, accessed 9/12/12, GU)

Corrosion of mild steel dowel bars …

and specify FRP composite dowel bars with confidence.

#### Put away your spending turns-roads are a prerequisite to the economy

Bragdon8 (Clifford R. Vice President for Strategic Initiatives and Executive Director of the Florida Tech Research Park at Florida Institute of Technology. Former Associate Provost and Dean of the University of Florida. Former Distinguished Professor and Executive Director of the Center for Intermodal Transportation Safety and Security, CITSS, (a consortium of all public universities in Florida), established and funded by the U.S. Congress. Former Director and Vice-President of the National Aviation and Transportation Center and Dean for the School of Aviation and Transportation at Dowling College, Long Island, New York. Transportation Security. 2008 Published by Elsevier-Academic and Butterworth Press)

Note that AASHTO refers …

This was sadly demonstrated with a truck bomb at the Mumh Federal Building in Oklahoma Ciiv in April 1995 (TSA. 2006).¶

#### Investment in roads is critical to economy

DOT 3/23

(Department of the Treasury with the council of economic advisers, “A New Economic Analysis of Infrastructure Investment”, U.S. treasury, 3/23/12, <http://www.treasury.gov/resource-center/economic-policy/Documents/20120323InfrastructureReport.pdf>, KJ)

Investments in infrastructure …

well-targeted investments.

#### U.S. economic collapse spills over globally-interdependencies

Kohn6/26/08 (Donald L., PhD – Econ “Global Economic Integration and Decoupling” http://www.federalreserve.gov/newsevents/speech/kohn20080626a.htm)

Global Integration through Trade and Finance …

financial linkages might now be more important for transmission than the traditional trade linkages.

#### **Two impacts to econ collapse**

#### A. kills millions and sparks great power wars

Duncan, 12

(Richard Duncan, chief economist Blackhorse Asset Management former IMF consultant and financial sector specialist for the World Bank, “The New Depression: The Breakdown of the Paper Money Economy, 12, ebook)

The political battle over America’s …

60 million people**.**

#### B. Escalates poverty and social differences

Baldacci et al, 02 –

Emanuele, Economists at the International Monetary Fund (“Financial Crises, Poverty, and Income Distribution”, The International Monetary Fund, 06/01/02, <http://people.ucsc.edu/~hutch/Lund/Financial%20Crises%20and%20Poverty%20FD%20June%202002.pdf)//> SKRG

This issue is important because we know that developing …

transfers to households, and wages and salaries.

#### Poverty is an ongoing structural violence-d-rule

Gilligan, (Dept. of Psych. @ Harvard Med & Dir. of the Center for the Study of Violence) 1996

[James, Violence: Our Deadly Epidemic and its Causes p. 191-196]

You cannot work for one day with the violent …

related to each other, as cause to effect.

# Contention 2: Solvency

#### Now is key-federal investment solves the economy

DOT 3/23

(Department of the Treasury with the council of economic advisers, “A New Economic Analysis of Infrastructure Investment”, U.S. treasury, 3/23/12, <http://www.treasury.gov/resource-center/economic-policy/Documents/20120323InfrastructureReport.pdf>, KJ)

Even as the economy has begun to…

money that was originally intended to support 300 projects.

#### Current road construction uses concrete

PCA 12

(Portland cement Association. Pavements, Highways, Published 2012 <http://www.cement.org/pavements/pv_cp_highways.asp>, Accessed 6-19-12)(CSmith)

Concrete played a major role in the …

Concrete was selected, in part, because of its durability.

#### The federal government is key to attract investors

National Cooperative Highway Research Program 2003 ("NCHRP Report 503: Application of Fiber Reinforced Polymer Composites to the Highway Infrastructure", Transportation Research Board of the National Academies, 2003, Page 18, <http://books.google.com/books?id=eGhWVkrLB6YC&printsec=frontcover#v=onepage&q&f=false>, GU)

The government has the ability to encourage, …

the viability of a long-term market.

#### Federalism fails to account for regional differences; national leadership is key.

Maggi 92

Rico Maggi, Socioeconomic Institute, University of Zurich, ’92, Transportation Research Part A: Policy and Practice, “SWISS TRANSPORT POLICY FOR EUROPE?¶ FEDERALISM AND THE DOMINANCE OF LOCAL ISSUES”

AS is well known, transport infrastructure has a …

and may lead to a dominance of local issues in national policy.

# Contention 3: Framing

#### The drive for growth is inevitable-psychology proves that people always want more

Friedman 5 — Benjamin M. Friedman, William Joseph Maier Professor of Political Economy at Harvard University, former Chair of the Department of Economics at Harvard University, holds a Ph.D. in Economics from Harvard University, 2005 (“Rising Incomes, Individual Attitudes, and the Politics of Social Change,” *The Moral Consequences of Economic Growth*, Published by Knopf Publishing Group, ISBN 0679448918, p. 80-82)

The key is that while everybody of course wants to have…

, Smith claimed no originality for this view but attributed it to the Stoic philosophers of ancient Greece.

#### Prefer our authors-modern macroeconomic theory is backed with rationale

DOUGLAS W. **HANDS 84** Department of Economics University of Puget Sound What Economics Is Not: An Economist's Response to Rosenberg Source: Philosophy of Science, Vol. 51, No. 3 (Sep., 1984), pp. 495-503 http://www.jstor.org/stable/187496

1. Economic Predictions. Much of Rosenberg's discussion is …

great as Rosenberg would have us believe.

#### Now is key-economy is not resilient and action solves

MNI, 9/18

(Market News International, “Chicago Fed’s Evans: US Economy Simply Not Resilient Enough”, Forelive, 9/18/12, <http://www.forexlive.com/blog/2012/09/18/chicago-feds-evans-us-economy-simply-not-resilient-enough/>, KJ)

“Our economy today is simply not resilient …

now to bolster the resiliency and vibrancy of the economy.”

#### **High risk means you evaluate econ collapse first**

Broward April 9, 2009

(“Will an Economic Collapse Kill You?”) http://newsflavor.com/opinions/will-an-economic-collapse-kill-you/ June 28, 2009)

Now its time to look at the consequences of a failing world economy. …

The risk is so high that acting to save the economy is the most important issue facing us in the 21st century.

#### Global recession causes more deaths then a regional war-happens in a short time frame Business World 1/8/98

#### A global recession will make the 1929 depression in the US look like a sari-sari store …

#### The South Korea $50 billion bailout, the biggest ever, bigger than the Mexican bailout, hints how urgent the situation is.

Growth is sustainable -- resource scarcity can be corrected by technology.

Haynes 2008 (Beth Haynes, Professor of Economics at Brigham Young University-Hawaii, “Finite Resources vs. Infinite Resourcefulness”, 8/19/08 http://wealthisnottheproblem.blogspot.com/2008/08/finite-resources-vs-infinite.html//Mkoo)

Our consumption is excessive. If we continue to consume our natural …

with us since ancient times and they have consistently been proven wrong.

#### Economic growth solves environment and disease

**Reich 2010**

(Robert Bernard, August 17th served as the 22nd United States Secretary of Labor under President Bill Clinton, from 1993 to 1997. Reich is currently Chancellor's Professor of Public Policy at the Goldman School of Public Policy at the University of California, Berkeley, a former Harvard University professor and the former Maurice B. Hexter Professor of Social and Economic Policy at the Heller School for Social Policy and Management at Brandeis University, <http://robertreich.org/post/968048444>)

Economic growth is slowing in the United States. It’s also …

slower growth, the consequences could be worse.

#### Development is critical to preventing multiple impact scenarios

Land, 9

PhD, philosopher and economist at the Thunen Institute in Bollewick. (Rainer, “A New Pareadigm: The New Deal of the 1930s,” 10/30, http://www.indybay.org/newsitems/ 2009/10/30/18627196.php)//MZ

**The way of continued deregulation of the …**

that led to the genesis of Fordist participation capitalism.