2014 COMPARATIVE DATA REPORT ON STATE TRANSPORTATION PROGRAMS

Prepared for
Fiscal Affairs and Government Operations Committee
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Sources

- FHWA “Highway Statistics, 2012”
- Email Survey of State DOTs
- Better Roads Magazine
- Federal Transit Administration
Report Highlights

- Legislation
- Quick Facts
- Demographics and Road Mileage
- Highway Finance
- Fuel Taxes
- Public Transit
- Bridges
- Fatalities
- Administration
Recent Legislation

- No major overhauls of DOTs or financing structures
- Ballot Initiatives (LA, MO, TX)
- Texting while driving ban (SC)
- Strategic Transportation Investments Program (NC)
- Design-Build / P3s / Electronic tolling (WV)
## Quick Facts Example KY

<table>
<thead>
<tr>
<th>Category</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Land Area (Square Miles)</td>
<td>39,732</td>
</tr>
<tr>
<td>Vehicle Miles Traveled (Billions)</td>
<td>47.3</td>
</tr>
<tr>
<td>Licensed Drivers</td>
<td>2,985,234</td>
</tr>
<tr>
<td>Motor Vehicle Registrations</td>
<td>3,670,566</td>
</tr>
<tr>
<td>Interstate Freeway Lane Miles</td>
<td>6,291</td>
</tr>
<tr>
<td>Total Highway Lane Miles</td>
<td>165,403</td>
</tr>
<tr>
<td>Gasoline Tax (Cents per Gallon)</td>
<td>30.1</td>
</tr>
<tr>
<td>(April 2014)</td>
<td></td>
</tr>
<tr>
<td>Per Capita State Receipts from the</td>
<td></td>
</tr>
<tr>
<td>Federal Highway Trust Fund</td>
<td>$154</td>
</tr>
<tr>
<td>Fatalities per 100 Million Miles of</td>
<td></td>
</tr>
<tr>
<td>Vehicle Travel</td>
<td>1.58</td>
</tr>
</tbody>
</table>
Demographics and Road Mileage

- **SLC States:**
  - 37% of the nation's population
  - 36.7% of the nation's licensed drivers
  - 39.5% of the nation's young licensed drivers (<20)
  - 37.6% of the nation's registered motor vehicles
  - 40.75% of the nation's vehicle miles traveled
  - 39.4% of the nation's road lane miles
Demographics and Road Mileage

- Registered vehicles per licensed driver:
  - SLC - 1.22
  - U.S. - 1.20

- Miles driven annually per licensed driver:
  - SLC - 15,550
  - U.S. - 14,016

- Trends 2011-2012:
  - VMT – No Change
  - Vehicle Registrations: SLC - Up 3.2% U.S. - Flat
  - Young Drivers: SLC - Down 3.1% U.S. - Down 4.6%
Per capita federal highway spending in the SLC states:
- High - $241 (WV)  Low - $96 (FL)

FY 2012 Federal Apportionment/Payment ratio:
- At least 1.00 for 13 of the 15 SLC states (SC, TX)
- High - 2.17 (WV)  Low - 0.89 (TX)
- SLC - 1.04  U.S. - 1.16

Historical Donor States: GA, NC, SC, TX
Most DOTs reported limited use of measures to increase revenue for transportation:

- 2 states (GA, MS) established study committees to explore revenue options
- TX swapped funding sources to free up money in the State Highway Fund
Survey Question: Extraordinary Revenue Measures

- 3 states (LA, MO, TX) have ballot initiatives regarding transportation funding:
  - LA: Constitutional Amendment to establish state infrastructure bank (November)
  - MO: Referendum to raise the state sales tax $\frac{3}{4}$ of a cent for 10 years for transportation purposes (8/5/14)
  - TX: Constitutional Amendment to transfer $\frac{1}{2}$ of new oil and gas severance tax revenues to the State Highway Fund for non-toll highway improvements (estimated at $1.4$ billion for 2014) (November)
Uncertainty of FHTF Revenues

- Long term future of the FHTF is uncertain
- Federal gas tax of 18.4 cpg unchanged since 1993, lost 38% of its purchasing power by 2013
- VMT flat or declining, increased fuel efficiency
- FHTF received GF transfers of almost $55 billion since 2008
- FHTF projected negative balance staring in August 2014
- Federal Funds – Reimbursement basis to states
- July, 2014 -- Congressional action stabilized funding through May 2015

CDR on Transportation, Little Rock, July, 2014
Survey Question:
Uncertainty of FHTF Revenues

- Importance of maintaining highway fund reserves to offset delayed reimbursement (AL, FL, KY, LA, TN)
- Delayed project lettings (AR, KY, others if no fix)
- Fewer planned projects (MS, MO)
- Used FY 14 federal funds for FY 15 debt service on GARVEEs (GA)
- States want a long-term, stable funding solution
Fuel Taxes

- SLC almost $14.4 billion in motor fuel taxes in 2012
  - 36.3% of the total fuel tax revenue of all states.
- In 2012, SLC 70.2 billion gallons of fuel use
  - 41.4% of the nation's total.
- Trends 2011 to 2012:
  - 9 of 15 SLC states: increase in motor fuel tax receipts.
  - Fuel tax receipts: SLC up 2.9%  U.S. up 1.7%
Bridges

- Substandard Bridges fall into 2 categories:
  - Structurally Deficient
  - Functionally Obsolete.

- Substandard state-maintained bridges:
  - SLC -18.9%  U.S. - 19.4%

- Substandard locally-maintained bridges:
  - SLC - 25.4%  U.S. - 23.6%
Fracture Critical Bridges

- Does not contain redundant supporting elements
- If key supports fail, the bridge would be in danger of collapse
- Does not mean the bridge is inherently unsafe, only that there is a lack of redundancy in its design

- Rate: SLC - 2.0% U.S. - 3.1%
Fatality Rates

- Motor vehicle accident fatality rates – Fatalities per 100 million miles driven
  - SLC - 1.35  U.S. - 1.13
- 2 SLC states lower than the national rate:
  - VA - 0.96  GA - 1.11
- Highest rates:
  - WV - 1.77  SC - 1.76
- 2012 - Rates for SLC and US increased for first time in several years
Questions?

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CDR on Transportation, Little Rock, July, 2014