America’s infrastructure received a dismal D+ in the 2017 Report Card. Here are a few reasons why:

- 24 of the top 30 airports may soon experience “Thanksgiving peak traffic volume” at least once a week.
- 8.9% of the nation’s bridges are structurally deficient.
- There are an estimated 240,000 water main breaks per year in the U.S.

The time to act on infrastructure is now. Deficient bridges, congested highways, outdated transit systems, an unreliable electric grid and leaky water pipes cost the average American family $9 a day.

ASCE urges the 116th Congress to make improving the Nation’s infrastructure priority one in 2019. #InfrastructureNow

It’s no surprise that 79% of Americans say it’s extremely important to increase spending on the nation’s infrastructure.

PRINCIPLES FOR INFRASTRUCTURE INVESTMENT

ASCE believes that infrastructure programs and projects supported by infrastructure investment legislation must meet the following fundamental criteria:

- Investments must provide substantial, long-term benefits to the public and the economy;
- The cost of a project over its entire life span—including designing, building, operating, and maintaining the infrastructure—must be taken into account;
- Projects should be built sustainably and resiliently; and
- Federal investment should leverage state, local, and private investment, not replace these other critical sources of infrastructure funding.

ASCE PRIORITIES

A long-term solution to pay for our surface transportation network must be identified to provide stability and modernize our nation’s roads, bridges, and transit systems for the 21st century.

- Fix the Highway Trust Fund by raising the motor fuels user fee by 3 cents per gallon for the next five years. Increasing the user fee from the current 1993 rate of 18.4 cents would provide the revenue needed to modernize our surface transportation infrastructure and address the current funding deficit.
- Fully fund critical transportation infrastructure programs including the Better Utilizing Investments to Leverage Development grants, Airport Improvement Program, and Transit Capital Investment Grants.
- Eliminate the cap on the Passenger Facility Charge to modernize the nation’s airports.
- Put trust in the Harbor Maintenance Trust Fund by fully appropriating the Harbor Maintenance Tax collections each year.
- Fully fund critical water resources infrastructure programs, including:
  - Clean Water State Revolving Fund
  - Drinking Water State Revolving Fund
  - Water Infrastructure Finance & Innovation Act
  - National Dam Safety Program & the High Hazard Potential Dam Rehabilitation Program
  - National Levee Safety Program
- Reauthorize and fully fund the Land & Water Conservation Fund.
- Address the $12 billion National Park Service deferred maintenance backlog.

WWW.INFRASTRUCTUREREPORTCARD.ORG
2017 Infrastructure Grades

AVIATION: D
BRIDGES: C+
PARKS AND RECREATION: D+
PORTS: C+
RAIL: B
ROADS: D
SCHOOLS: D+
TRANSIT: D-
SOLID WASTE: C+
WASTEWATER: D+
LEVEES: D

Infrastructure is the backbone of our economy and we have been investing only half of what is needed.

Investment Gap

<table>
<thead>
<tr>
<th>Infrastructure Systems</th>
<th>2016–2025 (10 years)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>TOTAL NEEDS</td>
</tr>
<tr>
<td>SURFACE TRANSPORTATION</td>
<td>$2,042</td>
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<tr>
<td>WATER/WASTEWATER INFRASTRUCTURE</td>
<td>$150</td>
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<tr>
<td>ELECTRICITY</td>
<td>$934</td>
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<tr>
<td>AIRPORTS</td>
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<tr>
<td>INLAND WATERWAYS &amp; MARINE PORTS</td>
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<tr>
<td>DAMS</td>
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<tr>
<td>HAZARDOUS &amp; SOLID WASTE</td>
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<tr>
<td>LEVEES</td>
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<tr>
<td>PUBLIC PARKS &amp; RECREATION</td>
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<tr>
<td>RAIL</td>
<td>$154.1</td>
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<tr>
<td>SCHOOLS</td>
<td>$870</td>
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<tr>
<td>TOTALS</td>
<td>$4,590</td>
</tr>
</tbody>
</table>

$2.0 trillion needed

Failing to close the infrastructure investment gap means higher costs for businesses to manufacture and distribute goods and provide services. In turn, these higher costs get passed along to workers and families.

- **COST TO U.S. GDP**: $3.9 trillion by 2025
- **LOST BUSINESS SALES**: $7 trillion by 2025
- **LOST JOBS**: 2.5 million jobs in 2025
- **COST TO FAMILIES**: $3,400 per year

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