Committing to Infrastructure Today for America’s Tomorrow
<table>
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<th>Report Card Methodology</th>
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What the Grades Mean

**A** Exceptional
Fit for the future

**B** Good
Adequate for now

**C** Mediocre
Requires attention

**D** Poor
At risk

**F** Failing/Critical
Unfit for purpose
<table>
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<tr>
<th>Infrastructure Type</th>
<th>Grade</th>
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<tr>
<td>AVIATION</td>
<td>C+</td>
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<td>HAZARDOUS WASTE</td>
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<td>DAMS</td>
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<td>DRINKING WATER</td>
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<td>C-</td>
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Investment

Leadership & Planning

Preparation for the future
Increase investment from all levels of government and the private sector from 2.5 percent to 3.5 percent of U.S. Gross Domestic Product (GDP) by 2025.

Put the “trust” back into “trust funds.”

Fix the Highway Trust Fund by raising the federal motor fuel tax

Authorize programs to improve specific categories of deficient infrastructure

Infrastructure owners and operators must charge, and Americans must be willing to pay, rates and fees that reflect the true cost of using, maintaining, and improving all infrastructure
Who owns KY’s bridges?

Who owns KY’s bridges that are in poor condition?

Figure 3. Kentucky’s Bridges, by Owner

Figure 4. Kentucky Bridges in Poor Condition, by Owner
Bridges scheduled for replacement, maintenance, or safety repairs in FY 2018-2020
Recommendations:
1. Continue to support SHIFT formula to develop Six-Year Highway Plan
2. Increase funding through a variety of sources
3. Expand bridge preservation practices
4. Incentivize local governments to initiate bridge preservation practices
5. Expand current pilot preservation program to improve bridges rated as “Fair”
FAILURE TO ACT
CLOSING THE INFRASTRUCTURE INVESTMENT GAP FOR AMERICA'S ECONOMIC FUTURE

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
Recommendations:
1. Provide additional funding to meet safety goals
2. Require user fees on regulated dams
3. Require Emergency Action Plans for all high and moderate hazard dams
4. Create separate repair funds for municipal and privately owned dams
5. Increase citizen awareness and outreach to dam owners and operators
Leaders from all levels of government, business, labor, and nonprofit organizations must come together to ensure **all investments are spent wisely**

Require all projects greater than $5 million that receive federal funding use **life cycle cost analysis**

**Create incentives** for maintenance

**Develop tools** to prioritize projects

Streamline the **project permitting process**

Identify projects attractive to **private sector investment and public-private partnership**
LEVEES

[Bar graph showing Last Periodic Inspection Rating with a majority of 'Minimally Acceptable' systems, labeled with a system count of 29]
Recommendations:

1. Provide immediate funding for the two High Risk systems
2. Establish a state wide levee sponsor program
3. Encourage levee owners to have up to date emergency action plans
4. Increase education and outreach on the criticality of levees
SOLUTIONS

Preparation for the future

RE·SIL·IEN·CY n.
To more quickly recover from significant weather and other hazard events

SUS·TAIN·A·BL·I·TY n.
Improving the “triple bottom line” with clear economic, social, and environmental benefits

Develop active community resilience programs

Consider emerging technologies and shifting social and economic trends when building new infrastructure

Improve land use planning at the local level

Support research and development into innovative new materials, technologies, and processes
Principles for Infrastructure Investment

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**.

Federal investment should leverage **state, local, and private investment**, not replace these other critical sources of infrastructure funding.
1. Meet your representative
2. Participate or host a Drive-in and/or Fly-in
3. Define your ask before you go visit
4. Sign-up for an advocacy listserv
5. Write your representatives when initiatives come up
KEY CONTACT PROGRAM

ASCE Key Contacts influence the policy process at the state and federal levels by developing relationships with elected officials. By meeting and making contacts with your elected officials in several ways, you can achieve true conversations about issues important to the profession, and become a trusted advisor when bills are drafted or considered.

- Meet with your elected officials close to home by requesting a Back Home Visit.
Find Your Legislator

Click on the map to get legislator and district information for that location. If you are using the address search click beside the location icon once your address is found to get legislator information.* †
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Thank You

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