

ASCE Report Card and Advocacy



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ASCE



2017

INFRASTRUCTURE REPORT CARD

Report Card Methodology

CAPACITY

**OPERATION AND
MAINTENANCE**

CONDITION

PUBLIC SAFETY

FUNDING

RESILIENCE

FUTURE NEED

INNOVATION

What the Grades Mean



EXCEPTIONAL
Fit for the future



GOOD
Adequate for now



MEDIOCRE
Requires attention



POOR
At risk



FAILING/CRITICAL
Unfit for purpose

2017 Infrastructure Grades

| | | | |
|--|------|--|------|
|  AVIATION | D |  PARKS AND RECREATION | ↓ D+ |
|  BRIDGES | C+ |  PORTS | ↑ C+ |
|  DAMS | D |  RAIL | ↑ B |
|  DRINKING WATER | D |  ROADS | D |
|  ENERGY | D+ |  SCHOOLS | ↑ D+ |
|  HAZARDOUS WASTE | ↑ D+ |  SOLID WASTE | ↓ C+ |
|  INLAND WATERWAYS | ↑ D |  TRANSIT | ↓ D- |
|  LEVEES | ↑ D |  WASTEWATER | ↑ D+ |

America's
Cumulative
Infrastructure
Grade



A EXCEPTIONAL

B GOOD

C MEDIOCRE

D POOR

F FAILING

SOLID WASTE



4.4 pounds
OF SOLID WASTE

is generated per person per day

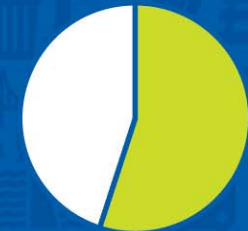
There are **1,908**
LANDFILL FACILITIES
in America

Investment Gap

2016–2025 (10 years)

| Infrastructure Systems | TOTAL NEEDS | ESTIMATED FUNDING | FUNDING GAP |
|---------------------------------|----------------|-------------------|----------------|
| SURFACE TRANSPORTATION | \$2,042 | \$941 | \$1,101 |
| WATER/WASTEWATER INFRASTRUCTURE | \$150 | \$45 | \$105 |
| ELECTRICITY | \$934 | \$757 | \$177 |
| AIRPORTS | \$157 | \$115 | \$42 |
| INLAND WATERWAYS & MARINE PORTS | \$37 | \$22 | \$15 |
| DAMS | \$45 | \$5.6 | \$39.4 |
| HAZARDOUS & SOLID WASTE | \$7 | \$4 | \$3 |
| LEVEES | \$80 | \$10 | \$70 |
| PUBLIC PARKS & RECREATION | \$114.4 | \$12.1 | \$102.3 |
| RAIL | \$154.1 | \$124.7 | \$29.4 |
| SCHOOLS | \$870 | \$490 | \$380 |
| TOTALS | \$4,590 | \$2,526 | \$2,064 |

\$2.0
trillion
needed



FUNDING
GAP

CURRENT
FUNDING



FAILURE TO ACT

CLOSING THE INFRASTRUCTURE
★ INVESTMENT GAP ★
FOR AMERICA'S ECONOMIC FUTURE

COST TO THE ECONOMY

\$3.9
TRILLION

COST TO BUSINESS

\$7
TRILLION

COST TO WORKERS

2.5
MILLION JOBS

COST TO FAMILIES

\$3,400
PER YEAR

A green-tinted photograph of a city skyline at night, with light trails from traffic on a road in the foreground.

Investment

A blue-tinted image showing a complex network of lines and nodes, resembling a data network or a city's infrastructure map.

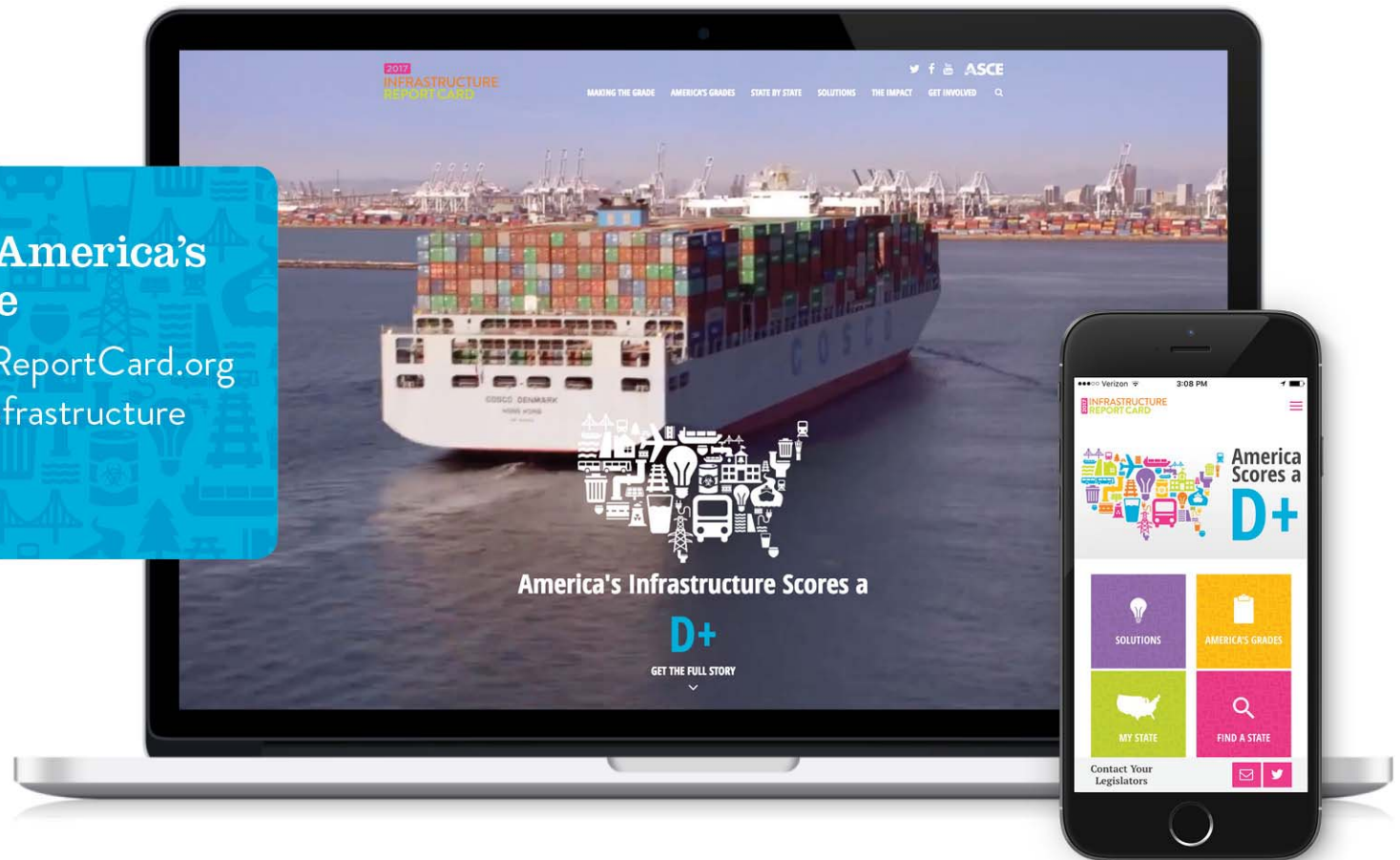
**Leadership &
Planning**

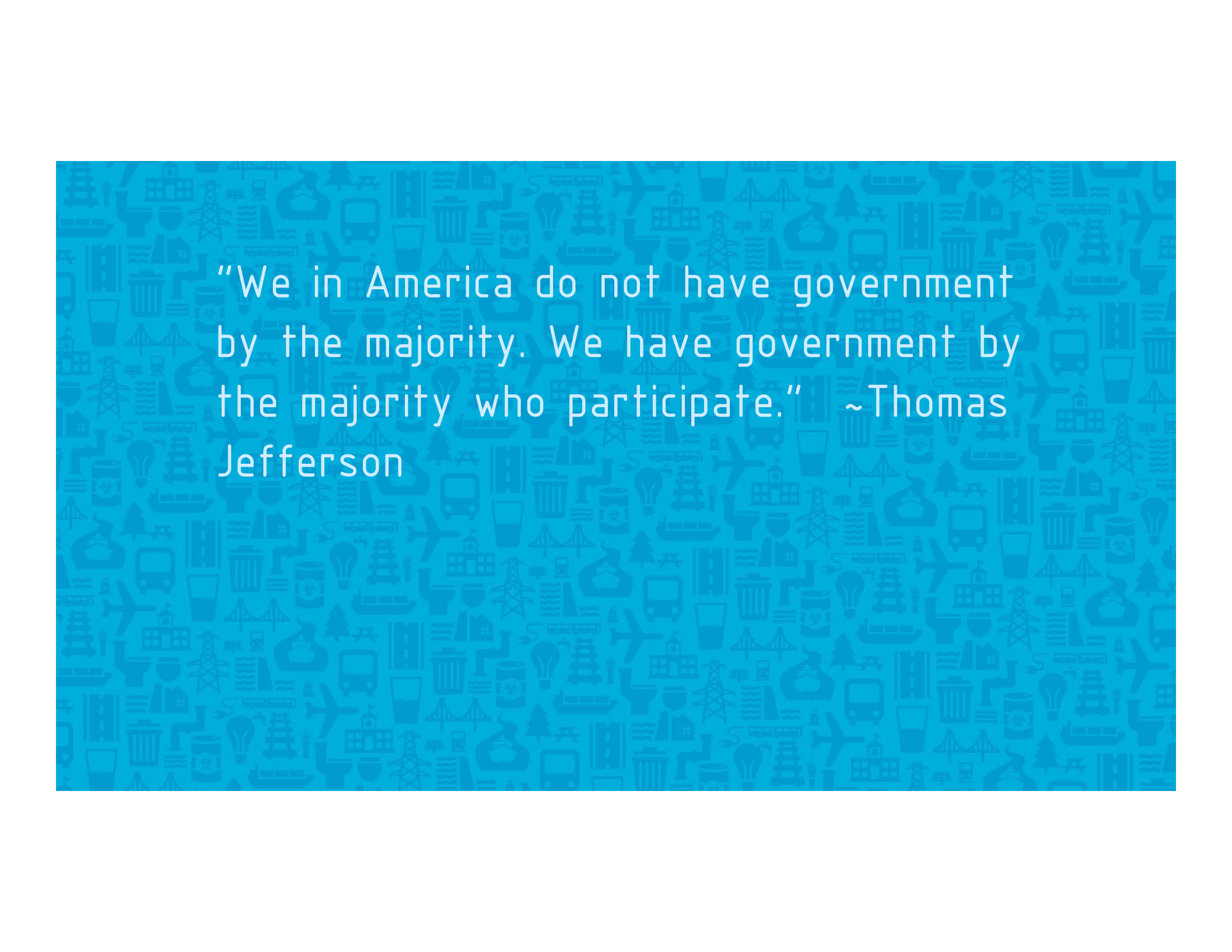
A pink-tinted photograph of the Golden Gate Bridge in San Francisco, viewed from a low angle across the water.

**Preparation
for the future**

Help Restore America's Infrastructure

Visit InfrastructureReportCard.org and download the Infrastructure Report Card app





“We in America do not have government by the majority. We have government by the majority who participate.” ~Thomas Jefferson

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Thank You

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