



2017

INFRASTRUCTURE REPORT CARD

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

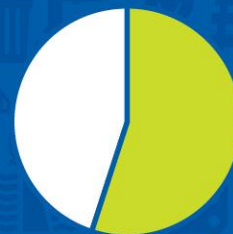
F FAILING

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



Investment



**Leadership &
Planning**



**Preparation
for the future**



SOLUTIONS

Investment

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**

SOLUTIONS

Leadership & Planning

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**

A large, red-tinted image of the Golden Gate Bridge in San Francisco, spanning the water and connecting the city to the Marin Peninsula. The bridge's iconic towers and suspension cables are clearly visible.

SOLUTIONS

Preparation for the future

RE·SIL·IEN·CY *n.*

To more quickly recover from significant weather and other hazard events

SUS·TAIN·A·BIL·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

Thank You

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