



# REPORT CARD



# Report Card Methodology

CAPACITY

OPERATION AND MAINTENANCE

CONDITION

PUBLIC SAFETY
























FUNDING

RESILIENCE

FUTURE NEED

INNOVATION

# 2021 Infrastructure Grades

 AVIATION	 <b>D+</b>	 PORTS	 <b>B-</b>
 BRIDGES	 <b>C</b>	 RAIL	<b>B</b>
 DAMS	<b>D</b>	 ROADS	<b>D</b>
 DRINKING WATER	 <b>C-</b>	 SCHOOLS	<b>D</b>
 ENERGY	 <b>C-</b>	 SOLID WASTE	<b>+ C+</b>
 HAZARDOUS WASTE	<b>D</b>	 STORMWATER	<b>D</b>
 INLAND WATERWAYS	 <b>+ D</b>	 TRANSIT	<b>D-</b>
 LEVEES	<b>+ D</b>	 WASTEWATER	<b>D</b>
 PARKS AND RECREATION	<b>D</b>		<b>+</b>

America's  
Cumulative  
Infrastructure  
Grade



<b>A</b>	EXCEPTIONAL
<b>B</b>	GOOD
<b>C</b>	MEDIOCRE
<b>D</b>	POOR
<b>F</b>	FAILING











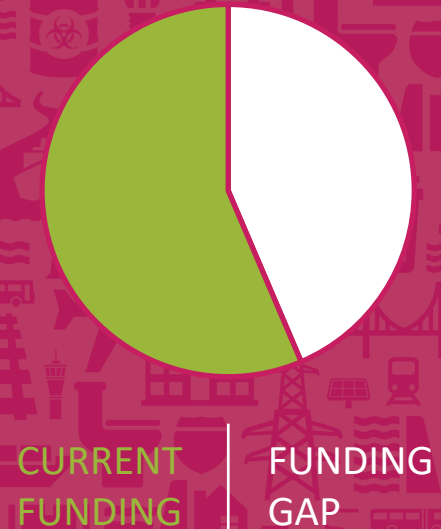




# Investment Needs

Category	Total Needs	Funded	Funding Gap
SURFACE TRANSPORTATION <sup>1</sup>	\$2,834	\$1,619	\$1,215
WATER/WASTEWATER/ STORMWATER <sup>2</sup>	\$1,045	\$611	\$434
ELECTRICITY <sup>2</sup>	\$637	\$440	\$197
AIRPORTS <sup>2</sup>	\$237	\$126	\$111
INLAND WATERWAYS & MARINE PORTS <sup>2</sup>	\$42	\$17	\$25
DAMS <sup>3</sup>	\$93.6	\$12.5	\$81
HAZARDOUS & SOLID WASTE <sup>4</sup>	\$21	\$14.4	\$7
LEVEES <sup>5</sup>	\$80	\$10.1	\$70
PUBLIC PARKS & RECREATION <sup>6</sup>	\$77.5	\$9.5	\$68
SCHOOLS <sup>7</sup>	\$870	\$490	\$380
TOTALS	\$5,937	\$3,350	\$2,588

**\$2.59**  
Trillion  
needed





## SOLUTIONS Resilience

Utilize new approaches, materials, and technologies to ensure our infrastructure that can withstand or quickly recover from natural or man-made.

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Enable communities to develop and institute their own resilience pathway for all their infrastructure portfolios

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Incentivize and enforce the use of codes and standards

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Understand that our infrastructure is a system of systems

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Prioritize projects that improve the safety and security of systems and communities, to ensure continued reliability and enhanced resilience.

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Improve land use planning

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Enhance the resilience of various infrastructure sectors by including or enhancing natural or “green” infrastructure



# Thank You

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**2021 REPORT CARD**  
FOR AMERICA'S INFRASTRUCTURE  
**ASCE**