United States’ Transportation Emissions Challenge

ACEEE International Symposium on Energy Efficiency

Wednesday, April 6, 2022
Prioritize maintenance

Cut the road, bridge, and transit maintenance backlog in half by dedicating formula highway funds to maintenance.

Did you know: States are permitted to neglect their basic maintenance needs in order to expand their roadway systems—and then rewarded with more funding.
Design for safety over speed

A serious effort to reduce deaths on our roadways requires slower speeds on local and arterial roads. The federal program should require designs and approaches that put safety first.
Connect people to jobs and services

Don't focus on speed. Instead, determine how well the transportation system connects people to jobs and services, and prioritize the projects that will improve those connections.
FAST Act vs the 2021 infrastructure bill

- Highway funding: FAST Act $200 billion, 2021 Infrastructure bill $400 billion
- Transit funding: FAST Act $50 billion, 2021 Infrastructure bill $100 billion
- Rail infrastructure: FAST Act $25 billion, 2021 Infrastructure bill $75 billion

Source: Transportation for America
Highway trust fund formula programs (by percentage)

- National Highway Performance Program 53%
- Surface Transportation Block Grant 23%
- Highway Safety Improvement Program 6%
- Congestion Mitigation & Air Quality 5%
- STBG Transportation Alternatives 3%
- National Highway Freight Program 3%
- PROTECT 3%
- State Planning & Research 2%
- Metropolitan Planning Program 1%
- Carbon Reduction Program 2%
Future of Transportation Caucus
Significant progress in House’s 2020 INVEST Act

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<thead>
<tr>
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<th>House bill</th>
<th>Senate bill</th>
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<td><strong>Maintenance</strong></td>
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<td>Does it cut the maintenance backlog in half?</td>
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<td><strong>Speed</strong></td>
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<td>Does it address speed as a major cause of roadway crashes?</td>
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<td><strong>Access</strong></td>
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<td>Is it organized around connecting people to jobs and services?</td>
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Thank you

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