

Appendix: Building Smarter Analysis

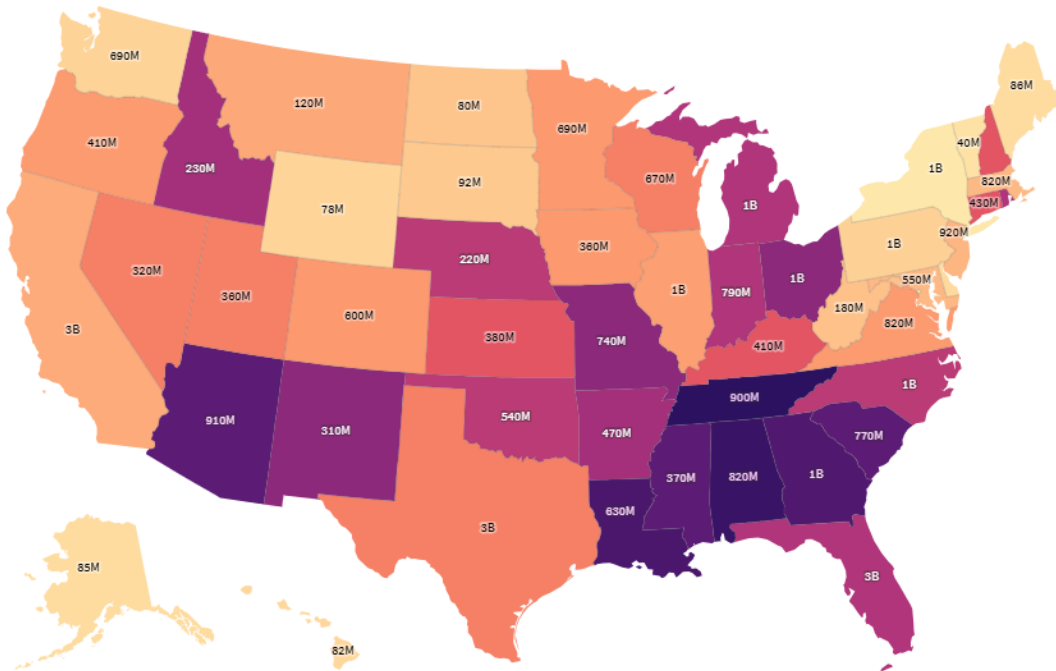
Building Smarter: How Multimodal Transportation Cuts Infrastructure Costs

This graphic depicts the annual average infrastructure expenditure savings (\$M) for states assuming a 35 year (2015-2050) multimodal planning scenario where decision makers:

- 1) build out specific public transit and active transportation investments to meet urban transportation demand, and
- 2) adopt smart-growth land use patterns to promote mixed use development that co-locates housing near essential services

Savings as % of 2022 State Transport Expenditures

1 29



Source: ITDP - Compact Cities Electrified: USA



If by 2050 Maryland built:

- 400 miles
New Bus Rapid Transit (BRT)
- 2,900 miles
New Protected Bike Lanes
- 51 Miles
New Passenger Rail

The state would see net savings of \$550M / yr. *

~8% of state public transport expenditures in 2022

* Net savings account for the construction and maintenance costs associated with the new multimodal infrastructure.

* Net savings are largely derived from reduced investment in new urban roadway lane miles, unlocking significant road construction and road maintenance savings.