



Putting the
Infrastructure Bill
to Work for You



Geosyntec
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SCS ENGINEERS

Management Services

Considerations

- Shovel-Ready Projects
- Focus of Funding
- Budget Cycle
- Administrative and Programmatic Readiness



Funding Types

- Formula Funding = 76.4% of total bill
- Competitive Grants = 23.6% of total bill

Opportunities

- Think Long-Term
- Cross-Departmental Projects
- Comprehensive Budget Strategy



Agenda



**Bill
Highlights**



**Solid
Waste &
Recycling**



**South
Carolina**



**Your
Community**



IIJA Bill Highlights

- Infrastructure Investment and Jobs Act (IIJA) became law on November 15, 2021.
- Includes \$1.2 trillion in spending, with \$550 billion being newly authorized spending.
- Not considered a stimulus bill. Historic levels of funding.
- Funding is spread over the next five years, with long-term investments in existing and new programs.

Existing Programs -76.7% of total funding
New Programs- 23.3% of total funding





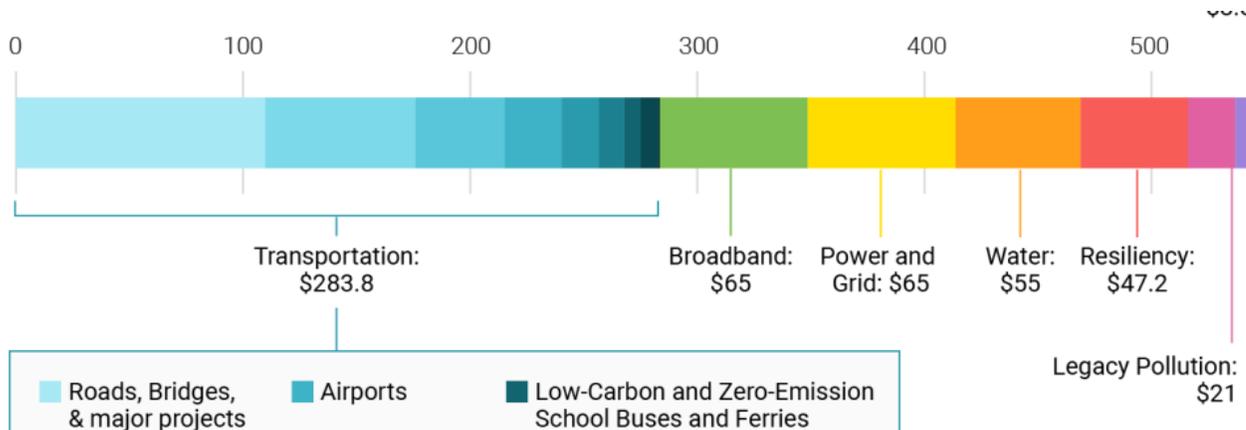
IIJA Bill Highlights

- Includes wide range of funding for **transportation, power grid, broadband, water, resiliency and pollution** --but is still largely a transportation bill.
- Key Department Allocations

Department of Transportation-65.7%, \$567.1B

Environmental Protection Agency- 7.8%, \$67.0B

Department of Energy- 9.4%, \$80.8B



Source: Metropolitan Policy Program



Solid Waste & Recycling

Funding Opportunity	Total Funding	Agency & Estimated Funding Date
Battery and Critical Mineral Recycling	\$125 million	Department of Energy 4 th Quarter 2022 (estimated)
Battery Manufacturing and Recycling Grants	\$3 billion	Department of Energy 3rd Quarter 2022 (estimated)
Reduce, Reuse, Recycling Education and Outreach Grants	\$75 million	Environmental Protection Agency 4 th Quarter 2022 (estimated)
Solid Waste Infrastructure for Recycling Infrastructure Grants	\$275 million	Environmental Protection Agency 4 th Quarter 2022 (estimated)



Solid Waste & Recycling

Reduce, Reuse, Recycling Education and Outreach Grants \$75 million

Grants focused on improving material recycling, recovery, management, and reduction. To improve the effectiveness of residential and community recycling programs through public education and outreach. Funded projects should inform the public about residential or community recycling programs, provide information about the recycled materials that are accepted, increase collection rates and decrease contamination.

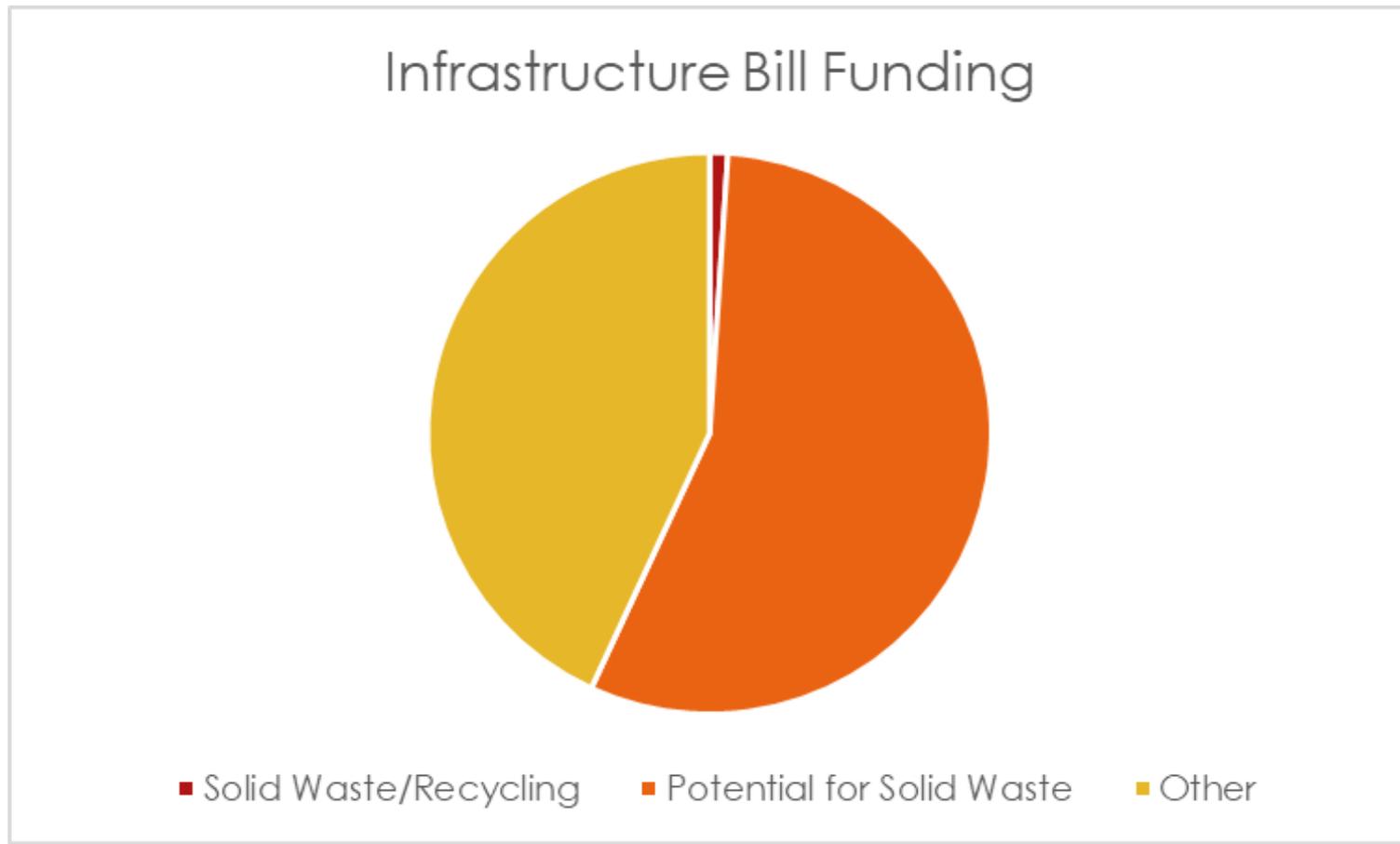


Solid Waste Infrastructure for Recycling Infrastructure Grants \$275 million

Provides grants to implement a strategy to improve post-consumer materials management and infrastructure; support improvements to local post-consumer materials management and recycling programs; and assist local waste management authorities in making improvements to local waste management systems.



Solid Waste Opportunity





Solid Waste Opportunity



**INSTEAD OF THINKING
OUTSIDE THE BOX, GET
RID OF THE BOX**

DEEPAK CHOPRA

Categories and Funding Levels that Could Support Solid Waste Projects

- Clean Energy and Power- \$5.7 billion
- Electric Vehicles, Buses and Ferries - \$7.7 billion
- Environmental Remediation - \$16.9 billion
- Resilience - \$27.1 billion
- Roads, Bridges & Major Transportation - \$316.5 billion
- Safety - \$35.8 billion
- Water- \$63.8 billion



Solid Waste Opportunity

Energy Efficiency Conservation Block Grant- \$550 million, First release Fall 2022

Development and implementation of an energy efficiency and conservation strategy, conducting residential and commercial building energy audits, development and implementation of energy efficiency and conservation programs for buildings and facilities within the jurisdiction of the eligible entity, application and implementation of energy distribution technologies that significantly increase energy efficiency, **activities to increase participation and efficiency rates for material conservation programs, including source reduction, recycling, and recycled content procurement programs that lead to increases in energy efficiency, the purchase and implementation of technologies to reduce, capture, and, to the maximum extent practicable, use methane and other greenhouse gases generated by landfills or similar sources,** development, implementation, and installation on or in any government building of the eligible entity of onsite renewable energy technology that generates electricity from renewable resources, including—(A) solar energy;(B) wind energy;(C) fuel cells; and(D) biomass, programs for financing energy efficiency, renewable energy, and zero-emission transportation (and associated infrastructure) capital investments, projects, and programs, and programs that allow rebates, grants, or other incentives for the purchase and installation of energy efficiency, renewable energy, and zero-emission transportation (and associated infrastructure) measures.





Solid Waste Opportunity



*500-acre former landfill site. Countyline Corporate Park in SE Florida.
Image courtesy of Florida East Coast Industries.*

**Brownfields Projects- \$1.2 billion,
Summer/Fall 2022**

Eligible activities include, but are not limited to, conducting community engagement and planning at one or more brownfield sites, site assessments, site cleanup planning and direct site cleanup.



State Funds

IIJA Funding for South Carolina

- **\$510 million** over five years to improve water infrastructure across the state
- **\$15 million** over five years to protect against wildfires
- **\$18.3 million** to protect against cyberattacks
- **\$4.6 billion** for federal-aid highway apportioned programs
- **\$274 million** for bridge replacement and repairs
- **\$366 million** to improve public transportation

*Funding levels over 5 years



Your Community

- Identify community and project needs now!
- Decision-makers will need to weigh time spent lobbying for formula funds at the state level and time spent on competitive grants directly to local government.
- Work collaboratively across departments to determine funding opportunities that benefit more than one function.
- Use the IJJA Guidebook to filter for funding opportunities relevant to you...but remember...think without a box.
- What are your long-term goals for sustainability and resiliency, cost savings and efficiency—how can this funding serve those needs?
- Stack funding to accomplish bigger projects.
- Will IJJA funding in one area free up dollars for another type of project in your community?

Infrastructure Investment and Jobs Act Resources

1

[White House IIJA Guidebook](#)

2

[EPA IIJA Implementation Summary](#)

3

[Brookings Institute Federal Infrastructure Hub](#)

Thank You



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