

HDR

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Making the Most of the Bipartisan Infrastructure Law



Today's Presenter

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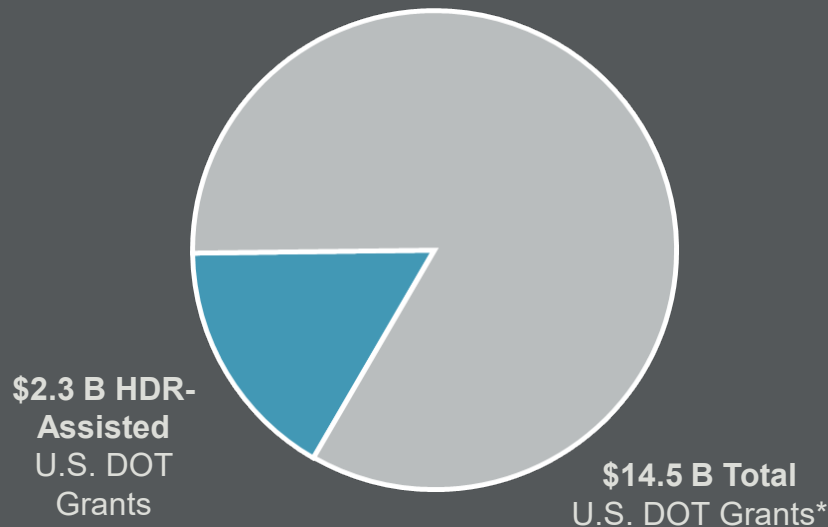
HDR Grants Experience

An Industry-Leading Track Record

- HDR has won over \$100M in Alaska grants
- HDR has supported more than 200 USDOT INFRA, BUILD/RAISE, CRISI, and PID grant applications
- **96 PROJECTS'** requests for funding were successful
- HDR-supported applications have received **\$2.3B IN FEDERAL FUNDS** for transportation projects
- **HDR-SUPPORTED APPLICATIONS ARE 15.9%** of the total construction funds awarded
- **WE EMPLOY 40+ GRANT APPLICATION EXPERTS**, supported by hundreds of transportation professionals

* Better Utilizing Investment to Leverage Development (BUILD)/RAISE and its predecessor TIGER; Infrastructure for Rebuilding America (INFRA), and its predecessor FASTLANE; Consolidated Rail Infrastructure and Safety Improvements (CRISI); and Port Infrastructure Development (PID) programs.

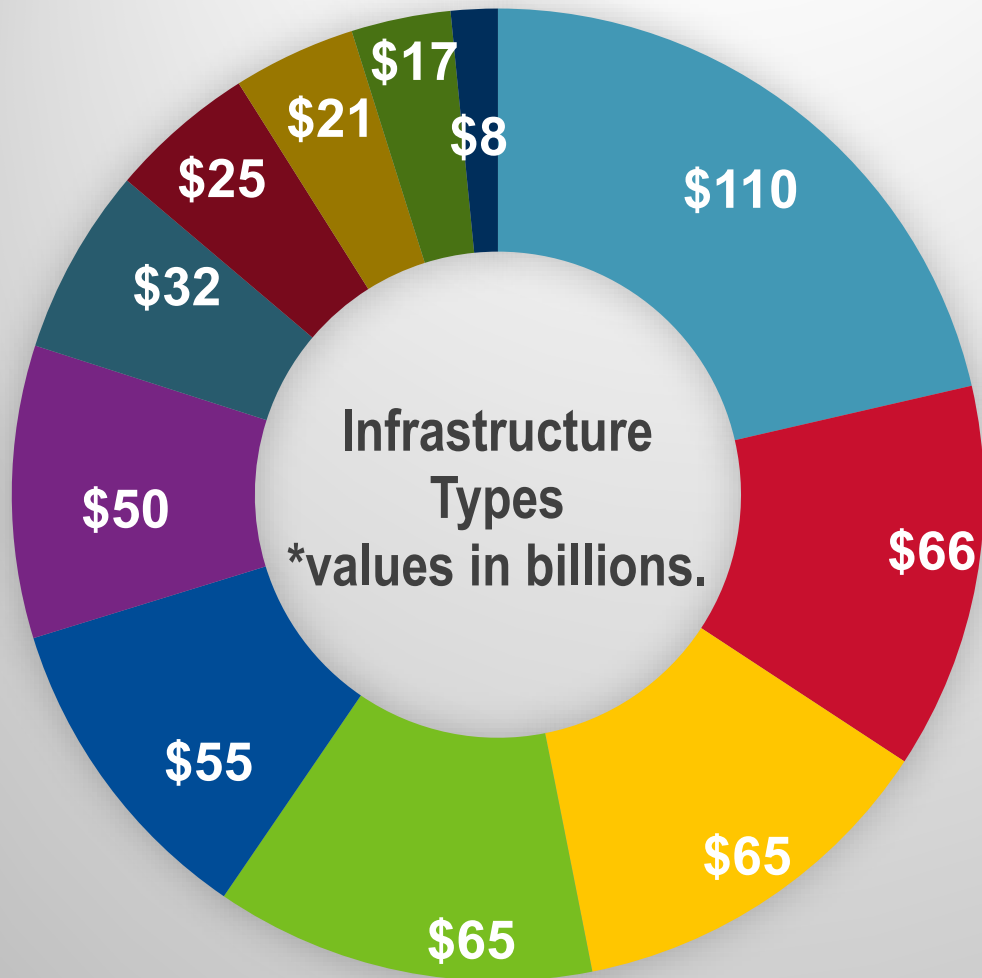
We have assisted clients
in successfully competing for
15.9% of the total funds available



\$101 million in
19 grant applications for Alaska

Generational Investment

- \$1.2 trillion
- \$18B discretionary funding
- \$550B for “new” investments and programs



- Roads & Bridges
- Passenger Rail
- Energy Grid
- Broadband
- Water
- Resiliency
- Public Transit
- Airports
- Environmental Remediation
- Ports
- EV Network

Prioritization and Strategic Planning

01 **Timing**

02 **Thinking Strategically**

03 **Focusing Effort**

04 **Resources**

Federal Grants – Initial Yes or No

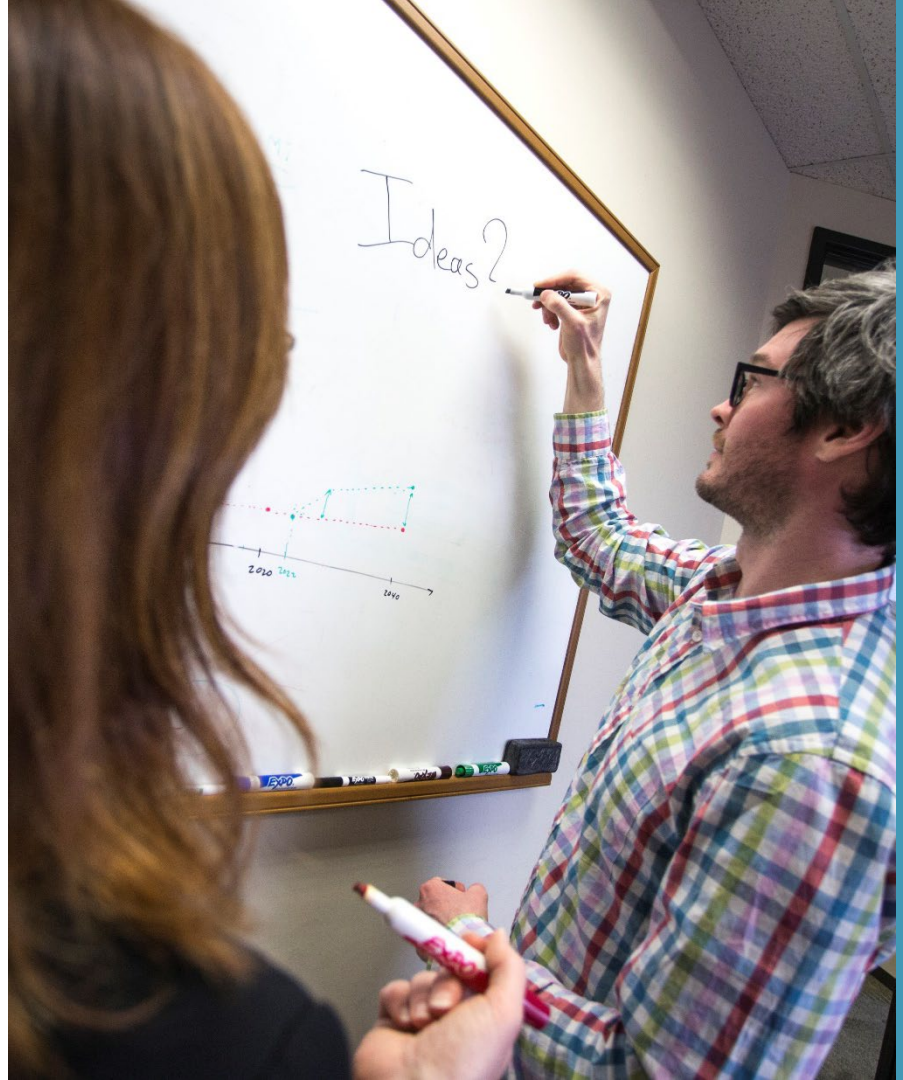
Benefits and Challenges

- Provides additional funding
- Can fill project funding gap
- Frees money for other projects
- Federalizes project
- Requires NEPA, etc.
- Has reporting requirements
- Sets a delivery deadline



Grants, Funding and Financing

- Developing strategic funding approach
- Evaluating grant funding opportunities
- Developing financial planning models
- Estimating funding gaps
- Examining state/regional/local funding options to match federal funds
- Preparing grant applications
- Benefit-Cost Analysis (BCA)
- Grants management

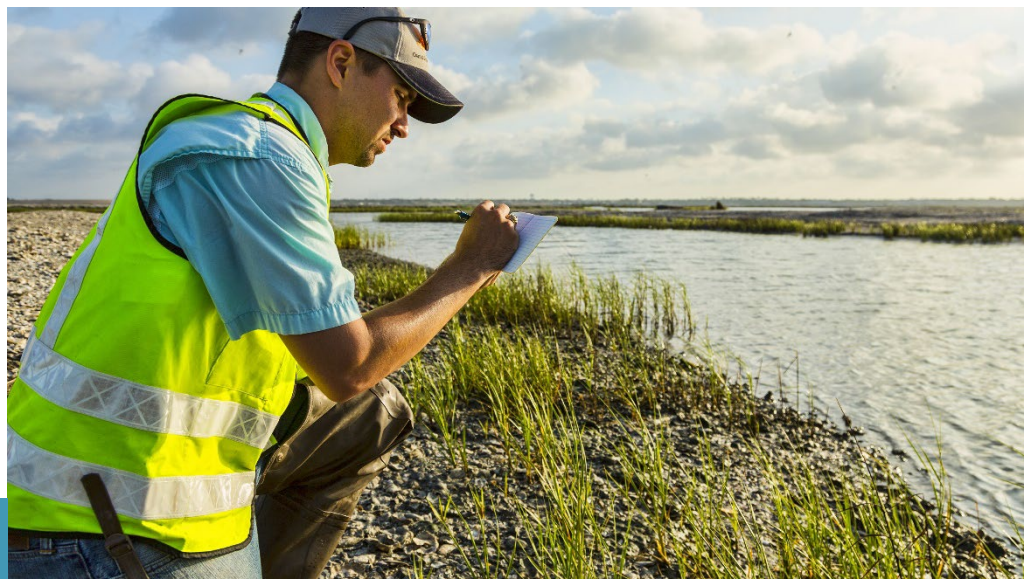


01

Timing Windows of Opportunity

Consider Cycles of Funding and Implementation

- Planning horizon
 - 1-5 years from now – grant application
 - 2-10 years from now – grant management
 - 5-10 years from now – asset management
- Planning and/or construction grants
- Procurement grants



Track Notices of Funding Opportunities

Coming in May

- Transit-Oriented Development Pilot Program
- University Transportation Centers Program
- Safe Streets and Roads for All Grant Program
- Nationally Significant Federal Lands and Tribal Project Program
- Bridge Investment Program
- Water
- Energy
- Broadband



Plan for Grant-Specific Timeframes

Example from 2022 RAISE

Notice of Funding Opportunity (NOFO) released January 14, 2022

- Additional details (full NOFO) released January 28, 2022

Applications due 8:00 PM EDT on **April 14, 2022**

Obligation deadline (*must be able to obligate funds by*): **September 30, 2026**

Expenditure deadline (*spend the RAISE funds by*): **September 30, 2031**

Preposition for Grant Availability

Not Enough Time After NOFO to Do Everything

Prior to NOFO

- Evaluate projects
- Select projects
- Engineering, environmental, and fiscal analyses including BCA
- Political support
- Develop grant application team and workflow

During NOFO Response Time

- Gather letters of support
- Write grant narrative
- Adjust BCA
- Graphic design



02

Thinking Strategically

Cross-Agency and Cross-Grant Opportunities for Project Funding

- Due to shared Administration values, grants from different agencies can have overlapping eligibility for your project
- Different grants from the same agency may have similar eligibility criteria
- Benefit-Cost Analysis (BCA) standard applies across grants



Existing and New Funding Opportunities

- Updated criteria in existing grants
- New programs
- Updates to BCA may offer new economic benefits



Ways to Divide or Group Projects to Maximize Funding

- Planning grant then construction grant for the projects
- Applying for projects at varying level of readiness over 5 years of grantmaking
- Bundling similar projects regionally or statewide
- Dividing complex project into smaller phased approaches

03

Focusing Effort

Two Approaches to Prioritizing Projects and Grants

- Go for it on discreet project-by project basis
- Forecast funding, prioritize projects, apply for grants
 - Assess projects quickly
 - Use available data



HDR Infrastructure Investment and Jobs Act FY 2022 Water Funding by State



Drinking Water State Revolving Fund (DWSRF)

\$1.75B

Clean Water State Revolving Fund (CWSRF)

\$1.74B

DWSRF Lead Service Line Replacement

\$2.76B

CWSRF Emerging Contaminants

\$0.09B

List Infrastructure Projects

- Projects in infrastructure development plans
- New projects – community need, changed conditions, removal of fiscal constraint



Funding Analysis and Forecast

- Identify projects
- Identify all funding streams
- Match projects to grants or other funding sources
- Develop actionable strategic plan to leverage funding



Products & Uses

- List of priority projects
- Memo summarizing potential funding options for projects
- Summary of steps required to secure funding from each of the preferred funding options – includes timeline over 5 years of IIJA funding



Why Prioritize?

- Funding constraints
- Focus on cost-effectiveness
- Greater emphasis on performance measurement
- Do more with less



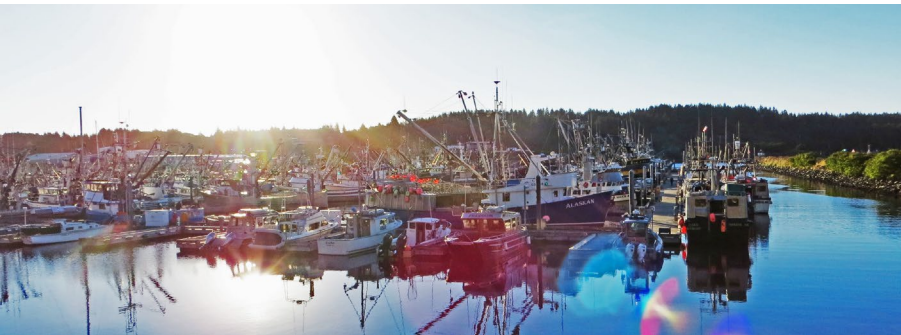
When to Apply Without Financial Planning

- Discreet project with high likelihood of success
- Project has progressed deep into design, permitting and simply needs construction funding



Other Strategic Factors

- Local, regional, state partnerships
- Relationships with funders
- Resource grant writing adequately
- Match
- Grant management



Resources for Prioritizing Grant Options

- Time
- Relationships
- Knowledge
 - [akfederalfunding.org](https://www.akfederalfunding.org)
 - Agency websites and relationships
 - HDR policy briefs



Infrastructure Investment and Jobs Act

Summary of Environmental Review and Permitting Provisions Affecting the Transportation Sector

The **Infrastructure Investment and Jobs Act (IIJA)**, as passed by the United States Senate, is a massive 2700+ page bill that covers investment in a wide range of traditional and non-traditional infrastructure. Project types included in the bill are:

- Transportation Safety
- Public Transit
- Passenger and Freight Rail
- EV Infrastructure
- Electric Buses
- Clean Drinking Water
- High-Speed Internet
- Airports, Ports and Waterways
- Power Infrastructure (strengthening the grid and seeding research)
- Reconnecting Communities (investment in restorative justice projects that remediate past transportation projects that adversely affected communities of color)
- Resilience and Western Water Infrastructure (investment in infrastructure resilience to protect against the dangers of climate change)
- Environmental Remediation of Superfund and brownfield sites as well as reclaiming mines and orphaned gas wells

Much of the IIJA focuses on investment in strategies to make our infrastructure more resilient to the effects of climate change, restore past environmental harms of prior investments, and move away from a transportation network reliant on fossil fuels. All of these elements are, in some ways, environmental policy decisions. The analysis contained in this document focuses only on those provisions of the IIJA that address environmental review and permitting in the transportation portion of the legislation, found in Subtitle C – Project Delivery and Process Improvement.

This is the first in a series of Advisory Policy Bulletins analyzing the Infrastructure Investment and Jobs Act, providing summaries and key insights into how this new federal law will affect our clients and their programs.

About HDR's Advisory Services

The Advisory Services team has over 250 management consultants who serve our clients around the world with premium strategic advice that is rooted in the practical, solid-state service that our infrastructure customers have come to expect. They have expertise in funding and finance, economics and decision analysis, strategic planning and policy, sustainability and resiliency, strategic communications and business improvement.

Advisory Services professional review infrastructure policy developments and prepare summaries of key provisions to help keep our clients informed of the changing landscape in Washington.

HDR Policy Briefs

IIJA Summary

IIJA Funding Overview

Project Delivery

Energy and the Power Grid

Discretionary Funding Opportunities

Equity and Environmental Justice

Freight and Ports

Climate Change, Resiliency, and Adaptation

Next Generation of Transportation

Transit

Water and Wastewater

Passenger Rail

Broadband

Technical Assistance for AML

- Grant strategic planning
- Project evaluation and prioritization
- Grant-specific action plan
- Initial feedback on application components including BCA
- National experts in transportation, energy, resiliency, water, broadband funding
- Alaskan team with winning grants track record and local project development experience





QUESTIONS?

More Information

Contact Us

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