



OFFICE OF INFRASTRUCTURE

GOVERNOR MIKE DUNLEAVY

Alaska Infrastructure Symposium
Housing Summit – Innovations to Reduce Construction Costs
Tuesday, April 2, 2024, 1 PM

*Shareen Crosby, Infrastructure Investment Coordinator
Office of the Governor*

Governor's Infrastructure Priorities

- Lower the Cost of Energy
- Provide Access to Jobs, Resources and Critical Minerals, Recreation
- Affordable Housing
- Food Security
- Childcare

Office of Infrastructure

- Understand Governor's Infrastructure Priorities
- Good Understanding of Alaska's Infrastructure Needs, Challenges & Stakeholders
- Track & Communicate Funding – Available Discretionary Grants & Awards
 - Weekly Email to +600 state-wide and federal infrastructure stakeholders
- Connect & Support State, Tribal, Community & Infrastructure Partners
- **Maximize Funds**
 - Work with Congressional Delegation & Federal Agencies
 - Comprehensive Infrastructure Map **Launching April 2024!**
 - **Project Bundling**
 - Tackle Challenges
- Workforce Development

Alaska Infrastructure Symposium, April 2-5, 2024, Dena'ina Center, Anchorage

Why Project Bundling?

- Maximizing Limited Funds, Resources & Workforce
- Collaboration (best practices)
- Streamlining Project Delivery
- Improving Infrastructure Connectivity
- Accelerating Project Timelines

What is Project Bundling?

- *AKA: Dig Once; Consolidating; Grouping; Aggregating; Bundling*
- Permitting and procurement process involving a single contract for multiple projects – may include design and maintenance
- May be implemented on a single project (housing), area, town, region, or state
- Likely combine types of work

DOT&PF Example of Project Bundling

Ambler Airport Reconstruction (FAA) and Ambler Sewage Lagoon Road (FHWA)

- DOT&PF bundled 2 (two) projects in Ambler
 - Ambler airport runway reconstruction
 - Ambler airport access road with access to sewage lagoon

How is Project Bundling done?

- Project may be advertised as 1 (one) project
- But includes independent bid schedules and specifications
- Costs were tracked for each project, but decreased due to
 - Cooperative use of equipment
 - Shared use of on-site workforce

Another Example of Project Bundling

Kiana Airport (FAA) & City Maintenance Facility (earmark)

- Built as 1 (one) building (combined facility)
- Saved construction costs
- Saves on operations and maintenance costs

Challenges of Project Bundling

- Budget
- Procurement and accounting
- Permitting, including federal waivers (BABAA)
- Project planning
- Logistics (in and out)
- Workforce and local hire
- Project support

Bundling Funding

- Statutory limitations
- Funding source limitations
- Industry capacity constraints

Planning for Project Bundling

- Location(s)
- Timeline
- Single point-of-contact or project director
- Streamlined communication
- Clearly defined roles and responsibilities

A Different Way of Thinking

- Instead of seeing just a house/housing project, see:
 - Roads, utilities, stormwater management, green space, sense of community, landscaping, security and safety measures
- Then bundle where possible

Project Bundling Tools

- GIS mapping – land use, topography, environmental factors, where infrastructure is
- Know what you know (data) – understand political boundaries, infrastructure conditions, and status of nearby projects

Project Bundling Questions to Ask

- Selection criteria: Does this project make sense to bundle?
- Efficiency and appeal: Will bundling enhance cost and efficiency and bidder appeal?
- Financing: What are the financing constraints? Does it make sense financially to bundle?
- Team and risk: Who is involved, and what are the potential risks?
- Delivery system and procurement: How do we best do this?
- Approvals: Is it even possible to bundle the reviews, design, permitting and accounting? Bundle what you can.



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Thank you.

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