

# COLORADO SMART

August 22, 2025

To the Honorable Governor Jared Polis,

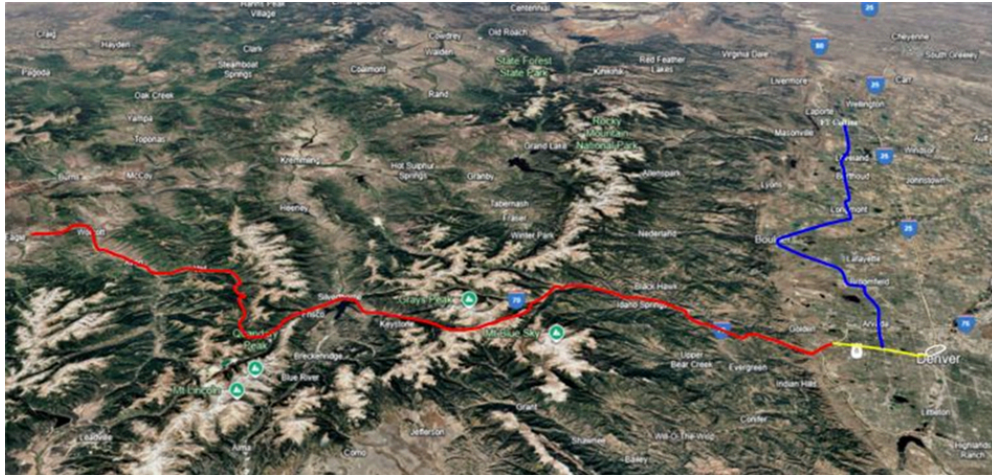
We previously introduced you to Bingham Labs and its mission to advance smart infrastructure innovation. Today, we're excited to share a bold new proposal: a year-long, AI-powered public debate that will explore not only the future of artificial intelligence, but the broader transformation of infrastructure systems across Colorado and the nation.

To support this effort, we propose the creation of an Economic Development Corporation—a vehicle to catalyze innovation across transportation, energy, water, and digital infrastructure. While we understand the State may not have immediate funding available, we believe there is a viable path forward.

We recently submitted a proposal titled “The Use of \$3 mil for Evaluation.pdf” to the Congressional Transportation & Infrastructure Subcommittee. It outlines how a \$3 million federal grant could be deployed to evaluate emerging smart infrastructure markets. We invite the State to join us in pursuing this grant and leveraging its proceeds to conduct a comprehensive, public-facing evaluation of these transformative opportunities. This is just one of many funding avenues. With a coordinated strategy, we believe Colorado could secure multiple \$3 million grants by the end of 2025—unlocking significant momentum for the State's leadership in smart infrastructure.

At the heart of our proposal is a prototype corridor—Legs 1 and 2, representing approximately \$100 million of the \$1 billion infrastructure model. These 14 miles, stretching from Downtown Denver to Golden, would serve as the first phase and proof-of-concept for a broader 210-mile network connecting 25 towns along Colorado's Front Range. You can view the proposed route and framework in our study:

<https://www.lloydgoff.com/SkywaysColoradoCorridor.pdf>




Framed as a National Experiment, this initiative would establish 25+ special districts along the corridor, each functioning as a node in a smart infrastructure network. Bingham Labs is committed to a transparent, public evaluation of this concept, and we've developed preliminary models to illustrate its potential.



## **Allocations** for a \$1 Billion Smart Infrastructure Corridor, Bingham Labs Proposal for the 210-Mile Front Range Route

What could Colorado achieve with a \$1 billion investment in smart infrastructure? Bingham Labs proposes the following allocations to build a resilient, AI-powered corridor connecting 25 towns along the Front Range:

 1. Up to \$400 Million – AI Media Storage & Machine Learning. This Allocation of 40% of funding to modular data centers start out small—compact, scalable “tele-libraries” that store, protect, and distribute high-quality AI content. They are powered by a Renewable Micro-grid that uses hydrogen Fuel Cells, with hydrogen

made from renewable energy. The hydrogen is backup storage for shortfalls in wind or solar production.

<https://www.maysteel.com/data-center-solutions>



### **DAMAC data center structures: A powerfully simple solution**

Eliminate complex, multi-phase data center buildouts. The DAMAC Structure is a prefabricated system that helps optimize cooling, cabling, power distribution and more, while reducing costs and enhancing efficiency. Its durable tubular steel construction, this proven, turnkey solution provides a flexible, scalable platform for web-scale IT deployments.

**FIND MY SOLUTION**

- Each town would host its own node, avoiding the need for massive facilities
- These centers would grow organically with local demand and serve as the backbone of a distributed AI media network
- This model supports both public access and commercial publishing, enabling a robust AI ecosystem

## 2. Allocate \$100 Million – Research & Education Hub

Establish a flagship research center on the Auraria Campus, led by the University of Colorado.

- Housing: Supported by the Kroenke development
- Curriculum: Metro State University to develop a national AI degree program
- Workforce Training: Community colleges to prepare residents for AI-related careers

## 3. Allocate \$100 Million – World Stages for AI Media

Transform major venues—Ball Arena, Empower Field, Coors Field, Auraria Campus, and a retail warehouse district—into global broadcast stages equipped with immersive AI media cameras and displays.

Small towns would contribute unique content based on local strengths:

- Golden: Geology (School of Mines)
- Vail: Outdoor sports
- Dillon: Mountain living
- Fort Collins: Forestry (CSU)
- Other towns: Medical, retail, research, and more



#### 4. Allocate \$100 Million – Integrated Infrastructure Control Center

Build a master control hub at CDOT headquarters to oversee six smart infrastructure systems.

- Includes a station connecting Legs 1 and 2
- Modular data storage, meeting rooms
- Parking and operations center

This facility would serve as the brain of the corridor's mobility and infrastructure network.



#### 5. Allocate \$200 Million – to Advanced Fiber Optics Backbone as a high-speed network linking all 25 towns along the 210-mile route.

This digital corridor would enable seamless connectivity for AI media, research, education, and smart city applications.



#### 6. Allocate \$100 Million – Local Machine Learning Specialization

Empower each town to specialize in a unique domain—geology, forestry, medicine, etc.—and host conferences, workshops, and innovation labs. Each town would form a special district to manage funding, regulations, and subscriber engagement.



### Economic Model

Using our breakeven formula, the \$1 billion investment would be financed via revenue bonds at 3% interest with amortization like a mortgage over 30-years.

- Annual (Mortgage) debt service: \$63 million
- Subscriber base Needed: Just 2% of the 2.5 million within 1 mile of the corridor
- Assumed monthly fee: \$100 for publishers (subscribers); \$50 for general users
- Revenue potential: many times, the mortgage amount making this a commercially viable and scalable enterprise



### Public-Private Partnership

Bingham Labs proposes a 50/50 partnership with the State of Colorado to seek \$3 million grant from the congressional Transit and Infrastructure sub committee Evaluation of the numbers, public debate and suggested regulations. When ready the intent of this

partnership is to plan, design, fund, and manage the initiative through a new Economic Development Corporation for Smart Infrastructure.

- Revenue bond holders receive a guaranteed 3% return and 30 year amortization. During the 30 years bond holders get 50% of the surplus after breakeven (Mortgage). State gets 25% and private Consortium gets 25%.
- After 30 years, the State assumes full ownership of all assets and gets 100%.

We welcome the opportunity to discuss this transformative vision and explore next steps. Please confirm receipt, and let's connect soon to move this forward.