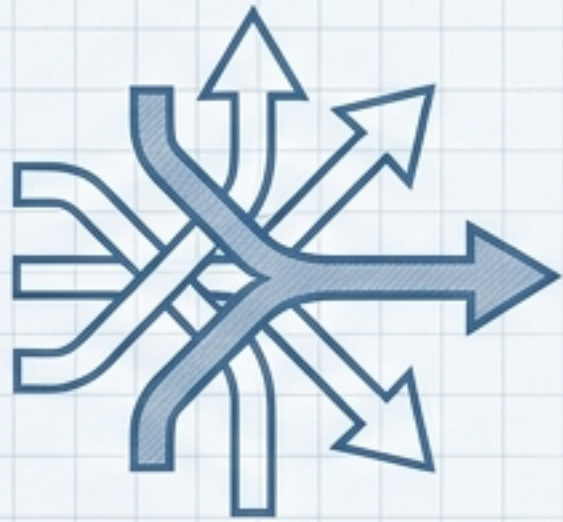


Integrating Sovereign Mobility into the Western Arizona Transportation Plan



A Strategic Partnership Proposal to the Western Arizona Council of Governments (WACOG). Presented by Brion Crum, Champion of Node 6.

The Mandate



Turning the “last mile” problem into a “first mile” opportunity by delivering compassionate care via decentralized infrastructure.

The Leadership

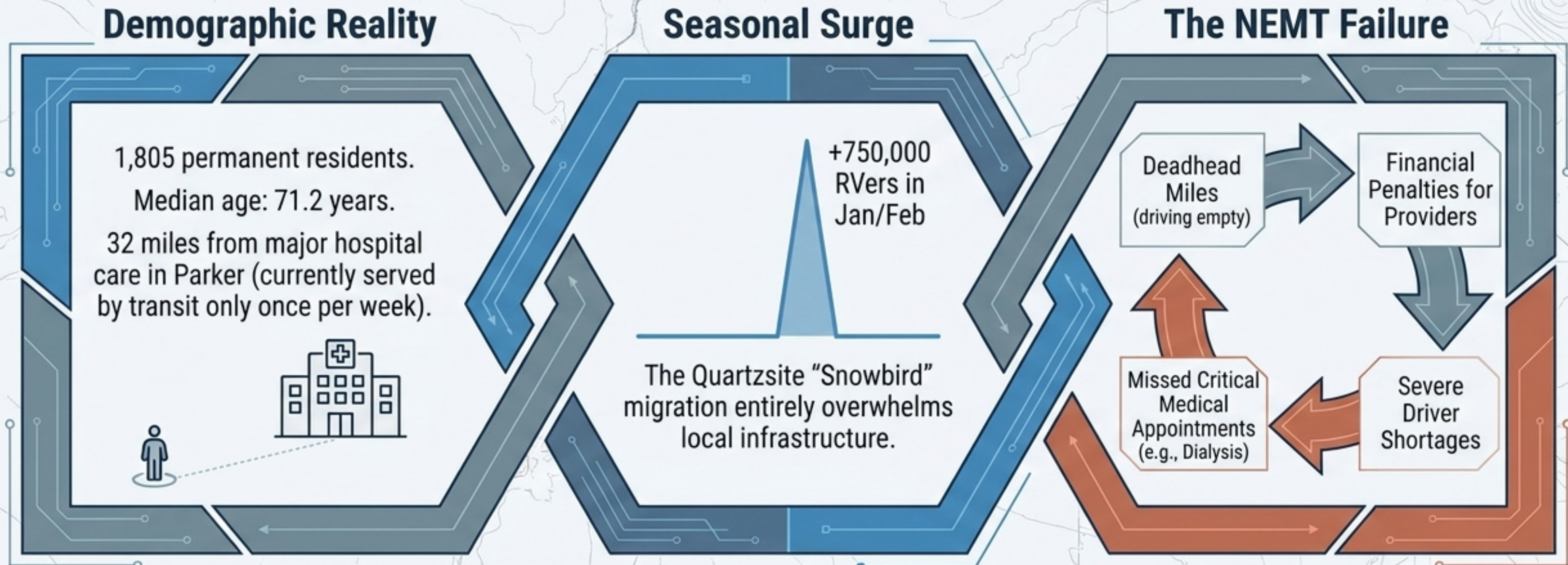


Brion Crum

Champion of Node 6 |
The Human Link

- ❖ - Veteran Vice President in private equity and real estate (Caliber Funds).
- ❖ - Expertise in regional capital formation in the American Southwest.
- ❖ - Philosophy: Creating the nexus of technology, capital, and real estate to ensure successful physical integration of autonomous infrastructure.

Anatomy of a System Strain: La Paz County



A Paradigm Shift in Rural Transit Economics

	Traditional NEMT	Node 6: Sovereign Mobility
Primary Cost Driver	Human Labor (makes remote routes highly unprofitable)	↑ Eliminated (makes any route economically viable) \$
Operating Margins	~50% (Industry Standard) ↓	↑ ~81% (Projected via automated routing) %
Uptime & Reliability	Fragmented / Limited business hours	🕒 24/7 AI-Negotiated Agentic Workflow
Asset Utility	↓ 🚗 Depreciates rapidly when parked ↓	🚗⚡ Generates revenue via V2G energy trading when parked ⚡

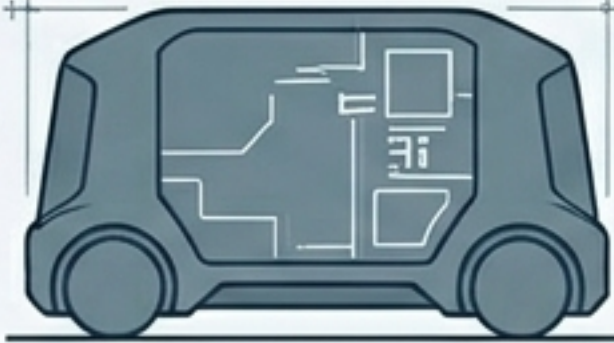
The DeReticular Sovereign Stack: Engineering Island Mode

The Muscle: Agra Dot Energy



Plasma Gasification power generation for total grid independence.

The Motion: Kurb Kars



Decentralized autonomous logistics and robotics.

The Mind: RIOS



The Rural Infrastructure Operating System connecting the ecosystem.

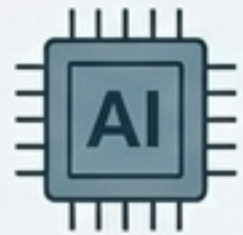
Node 6 Operations

The real-world application of this entire stack, optimized specifically for rural healthcare logistics and non-emergency medical transportation.

Deploying the Node 6 Healthcare Logistics Fleet

The Brain: NVIDIA Drive AV

Platform specifically capable of navigating unmapped, poorly marked, and unpaved desert roads typical of La Paz County.



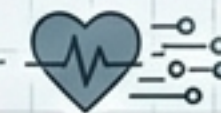
Agentic Workflow

Human dispatchers are replaced by AI agents that directly negotiate pickup schedules, route optimization, and vehicle charging times.

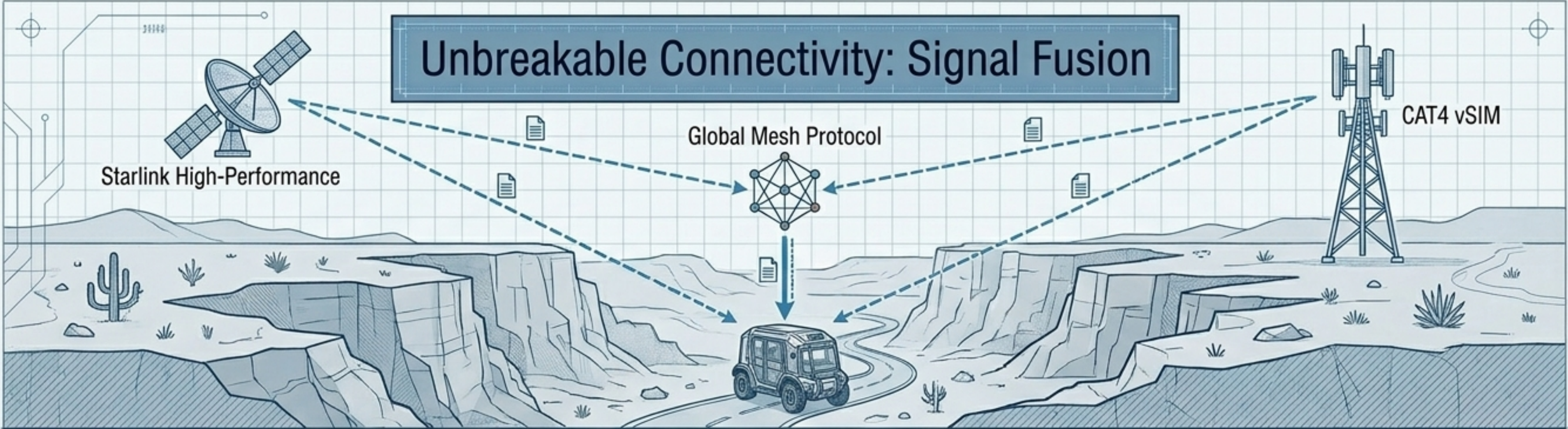


The Clinic-in-a-Box

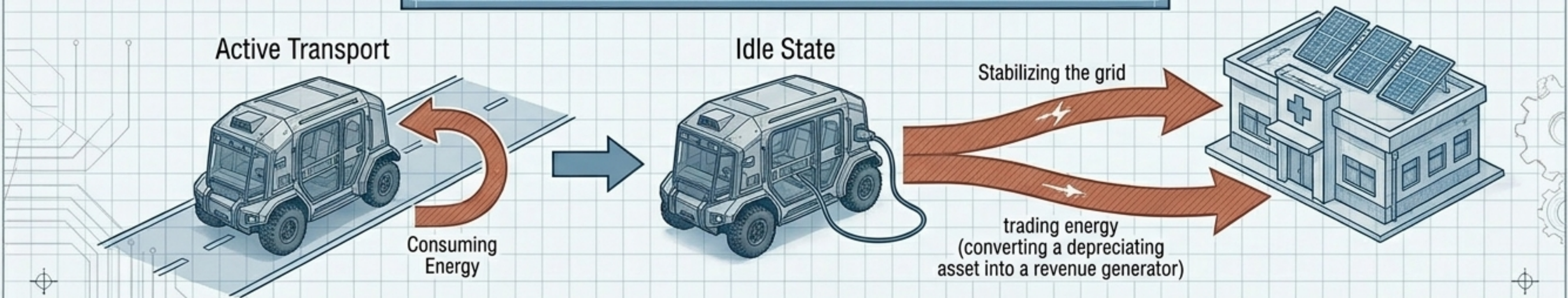
Integrated diagnostic telemetry. Patient vitals are captured continuously during the 45-minute drive from remote locations to the Parker hospital, turning transit time into triage time.



Unbreakable Connectivity: Signal Fusion



Energy Arbitrage: Vehicle-to-Grid (V2G)



The High-Margin Rural Economic Engine

Base Revenue: NEMT

Billed to AHCCCS/Private Insurance. \$12.21
Base + \$1.53/mile. (~\$110 per Parker round trip).

Surge Revenue: B2C Transit

Capturing surge pricing from the 1M+ winter RV
tourists traveling between parks and commercial
centers, subsidizing year-round care.

Innovation Revenue: Data Monetization

Selling high-value 'Edge Case' driving data (dust
storms, heat) verified via zkVerify to global AV developers.

Node 6 ROI Engine

Projected 81% Operating Margin

Enables rapid 6-month
vehicle CapEx recoup.

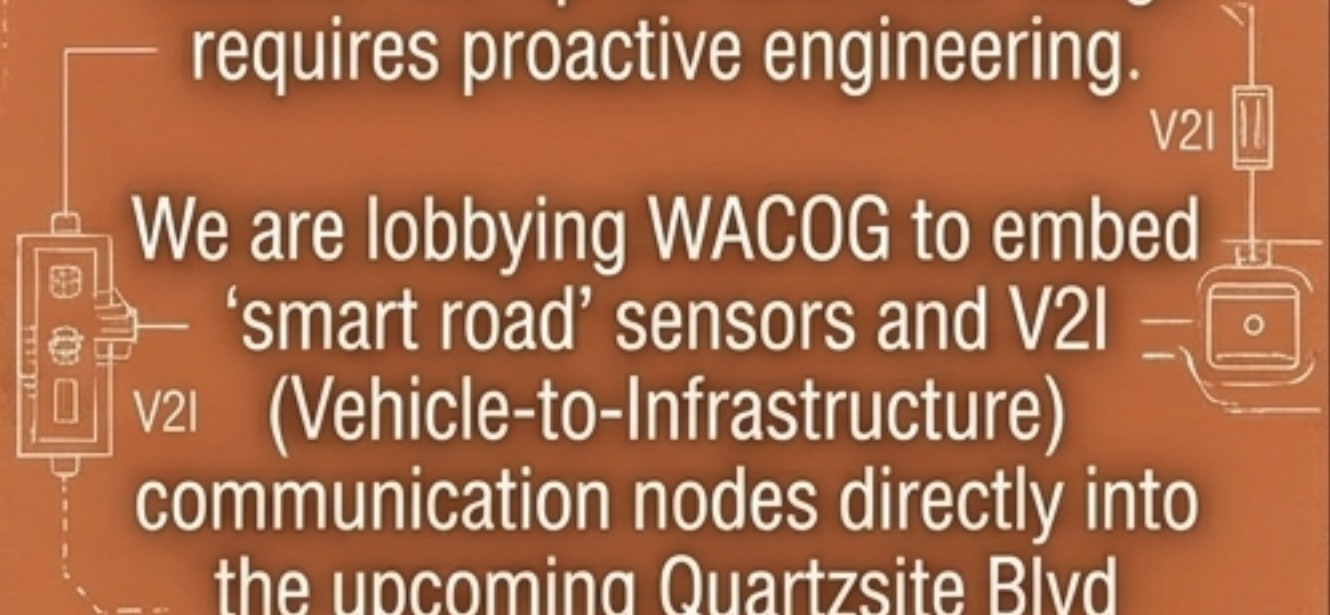
Regional Integration I: Solving the Quartzsite Seasonal Surge



Strategic Infrastructure Mandate

Addressing the 750,000+ 'Rubber Tramp Rendezvous' surge requires proactive engineering.

We are lobbying WACOG to embed 'smart road' sensors and V2I (Vehicle-to-Infrastructure) communication nodes directly into the upcoming Quartzsite Blvd widening and I-10 overpass construction specifications.



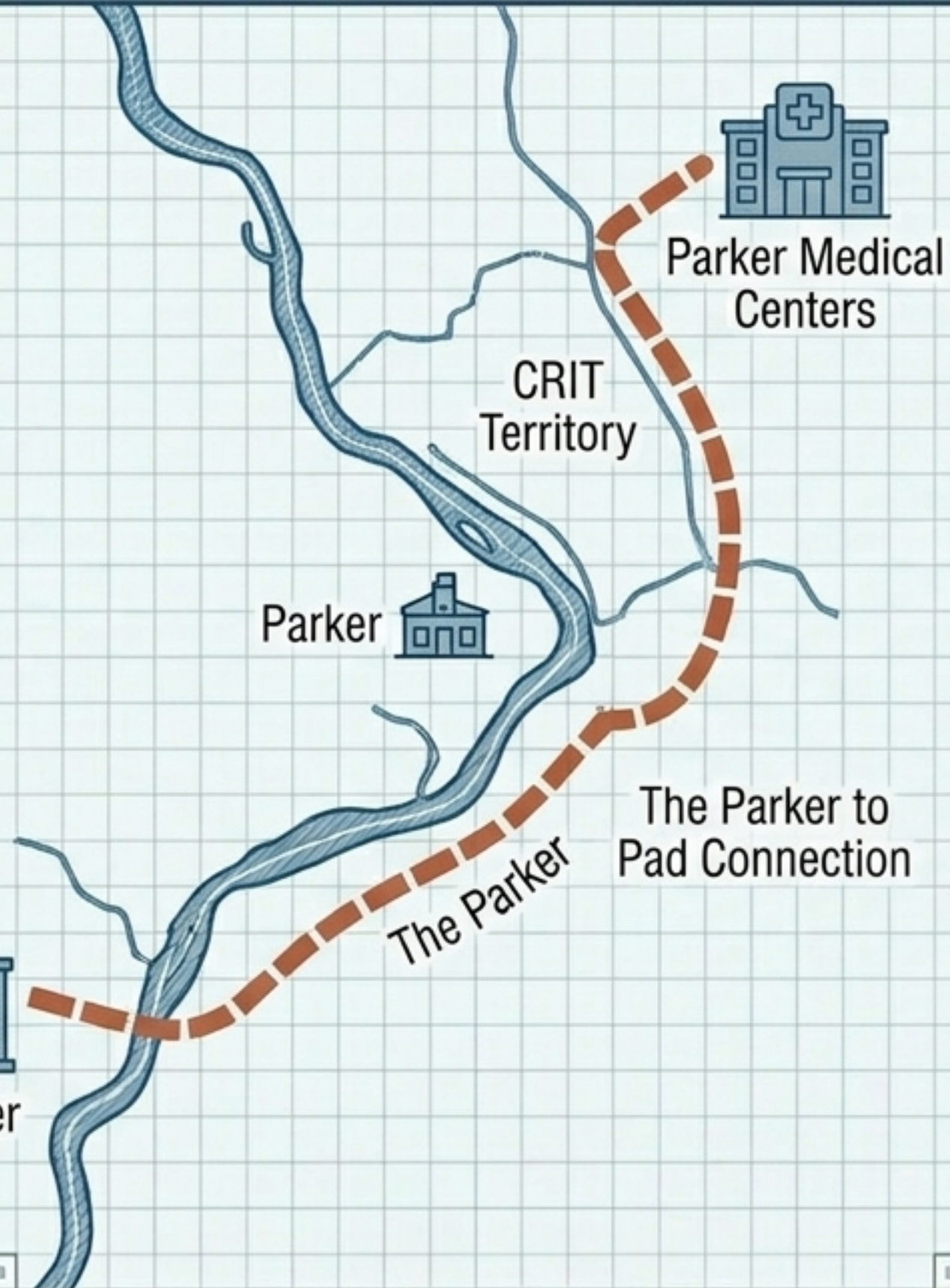
Regional Integration II: Blue Mobility on the Colorado River

Dual Benefit

Dramatically improving healthcare access for tribal elders while deploying autonomous shuttles to reduce drunk driving incidents along the river.



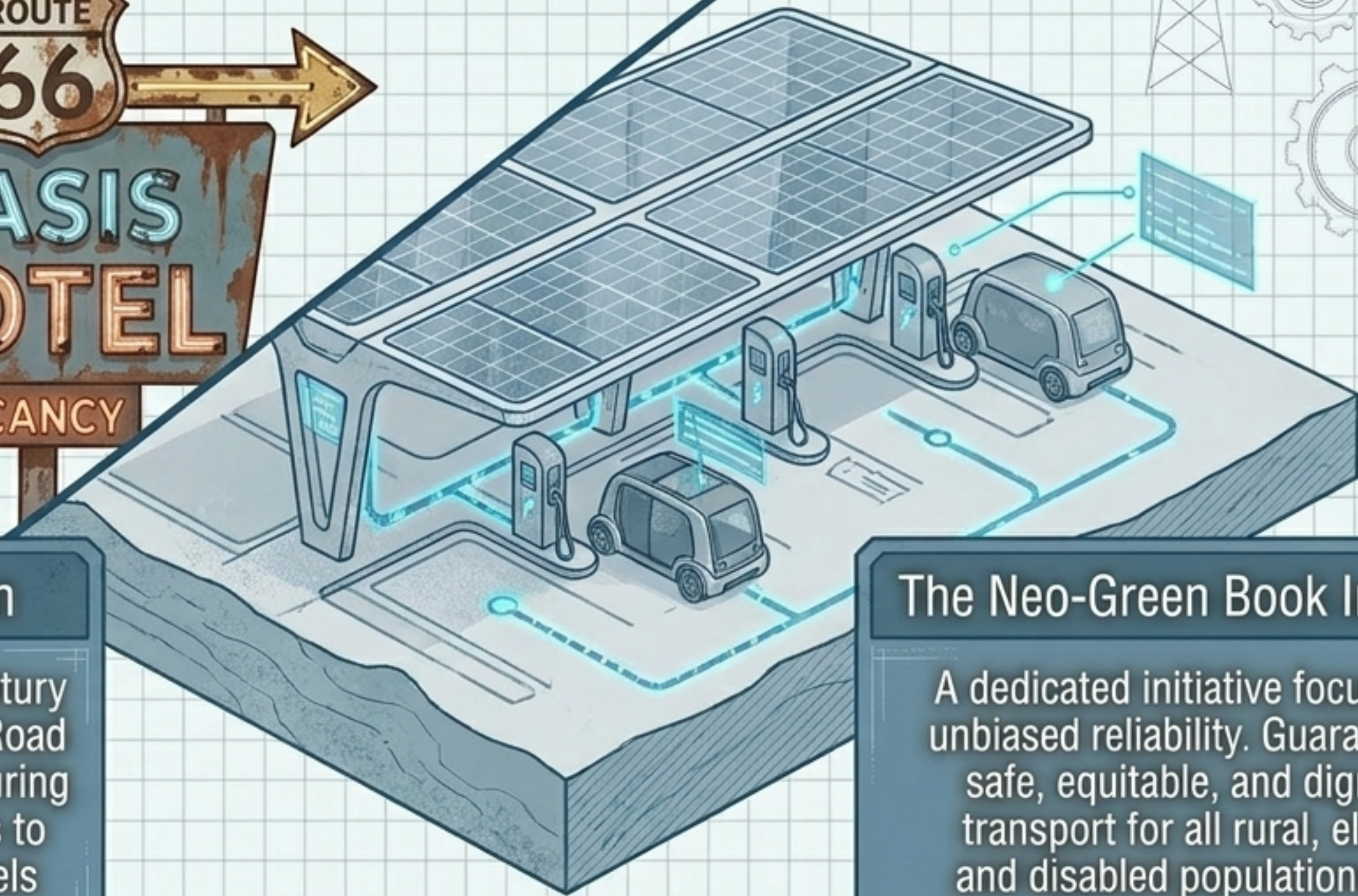
Blue Water Casino



Actionable Piggybacking

Proposing an autonomous safety sensor overlay directly onto the existing autonomous infrastructure onto the existing \$25 Million Mohave Road Reconstruction Project currently underway.

Regional Integration III: Route 66 & 'High-Tech Heritage'



The 2026 Centennial Vision

Positioning Node 6 as the 21st-century autonomous artery of the Mother Road ahead of the 2026 Centennial. Securing "Official Centennial Project" status to transform historic, decaying motels into futuristic Autonomous Depots.

The Neo-Green Book Initiative

A dedicated initiative focused on unbiased reliability. Guaranteeing safe, equitable, and dignified transport for all rural, elderly, and disabled populations who currently live in transit deserts.

The Non-Dilutive 'Layer Cake' Funding Strategy

Innovation Layer / Federal Operations

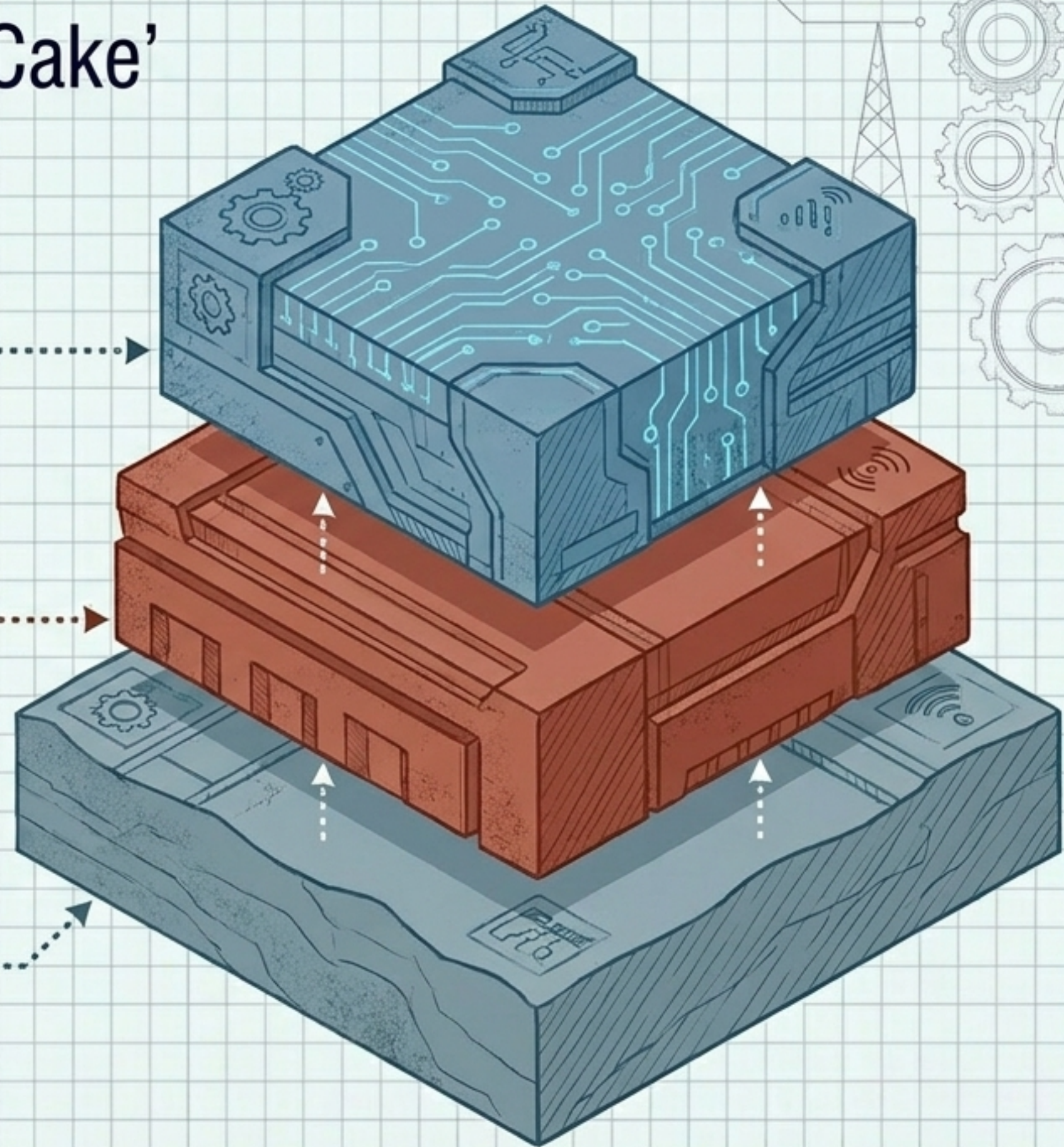
Specialized R&D grants to fund the autonomous fleet deployment, AI modeling, and ongoing NEMT transit operations.

Infrastructure Layer / Federal Assets

Massive DOT capital grants unlocked by the Seed layer to build the physical charging hubs, V2I road sensors, and connectivity towers.

Seed Layer / State Cash

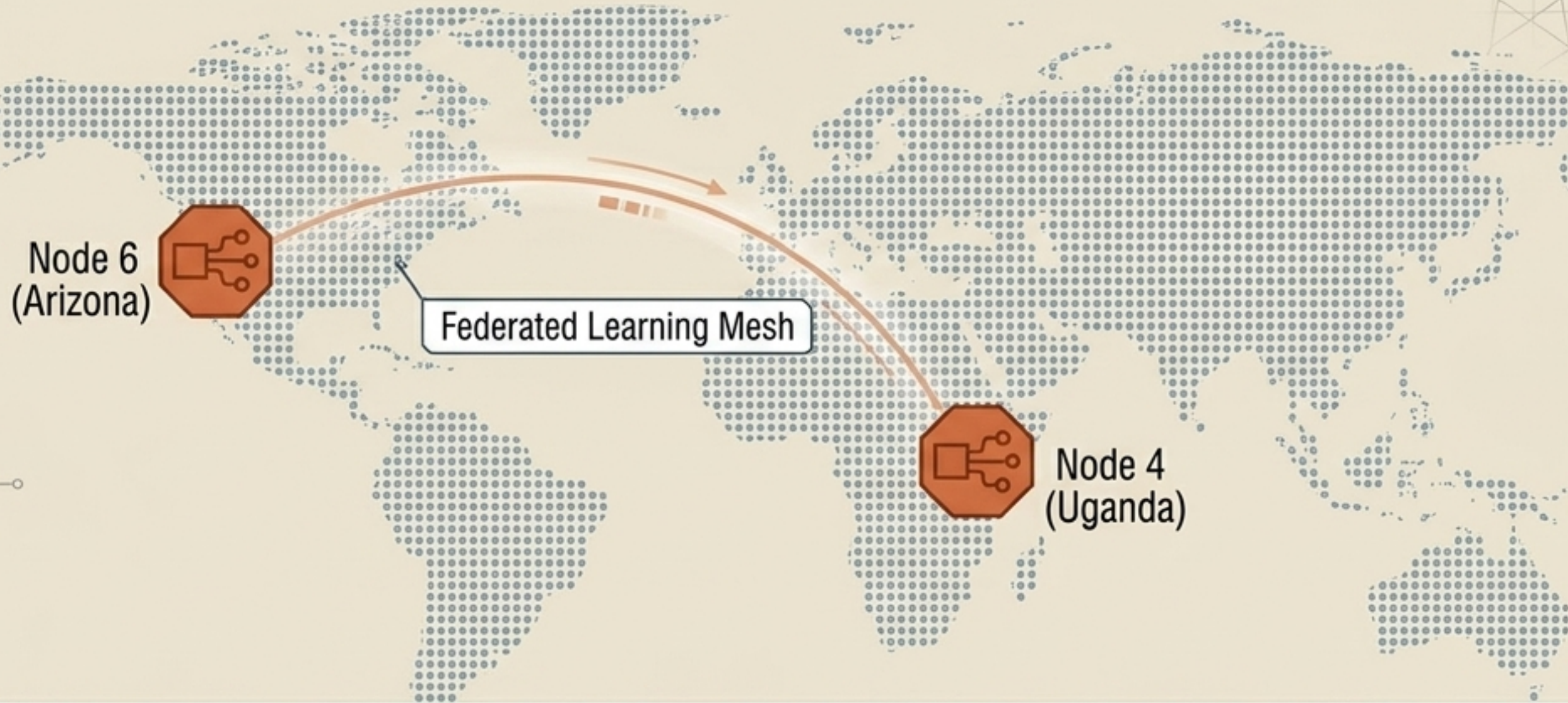
State funds utilized specifically to pay for sophisticated engineering and professional grant-writing services without local equity dilution.



FY 2026 Targeted Grant Matrix

	Grant/Fund	Target Ask	Purpose & Partners
Seed	AZ SMART Fund	\$500k - \$1M	La Paz Autonomous Corridor Feasibility Study. (Applicant: La Paz County).
Infrastructure	USDOT SMART Grants (Stage 2) & CFI Rural Set-Aside	Up to \$15M	Funding for physical Community Charging Hubs. (Key Partners: Arizona Commerce Authority, WACOG).
Innovation	RAV Research Program & FTA Section 5311	\$25M Pool	Rural AV safe integration and transit operating assistance. (Key Partners: Arizona State University / UofA).

The Global Synthesis: Project Octagon's Circulatory System



Node 6 is not an isolated experiment. It is the 'Circulatory System' of a living, self-healing global network. Autonomous navigation logic perfected on the harsh, unpaved roads of Western Arizona is pushed via Over-the-Air (OTA) updates to navigate agricultural tractors in Uganda (Node 4). Local rural investment yields immediate global humanitarian impact.

Strategic Partnership Framework & Immediate Next Steps



Immediate: Engage WACOG Transportation Director to align with the regional TIP.



Q1 2026: Jointly apply for the AZ SMART Fund (Seed funding).



Q1 2026: Form Research Consortium with ASU/UofA for the RAV grant.



Q2 2026: Incorporate V2I specs into Quartzsite Blvd construction designs and formalize Route 66 Centennial partnership.

“Together, we will prove that high-tech, decentralized infrastructure can deliver compassionate care to the most remote populations—turning the ‘last mile’ problem into a ‘first mile’ opportunity.”

— Brion Crum, Champion of Node 6