



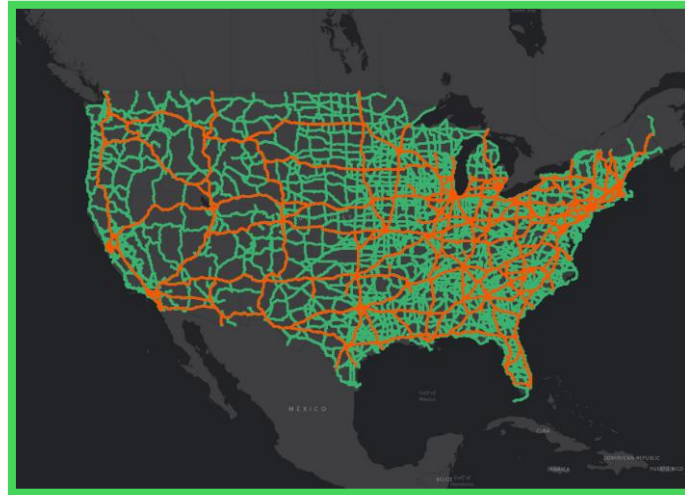
Network
Development™

THE NATIONAL BROADBAND MASTER PLAN

President Donald J. Trump Digital Security and Information Superhighway Act ("TDS-ISA")

An Actionable 5-Year Plan to Build
America's 21st Century Information Superhighway

*We Already Own the
Rights of Way*



*Its Time We Put Our
Assets to Work*

Directly Alongside U.S. Interstates, Federal Highways and Federally
Funded State and County Roads

National Broadband Master Plan

Bridging The Infrastructure Gap

Bridging the Infrastructure Gap: Involves Placing Poles, Connected to Power and Fiber and Deploying Technology Over the Top

Technology

Poles – Power - Fiber

Existing Long-Haul Fiber In Place: Lacks Surplus Capacity To Meet the High-Volume, High-Density and Low-Latency Demands of the 21st Century



Hundreds of Individual, Privately Owned Fiber Networks
Placed Primarily in the Public and Utility Rights of Way

Infrastructure and Fiber We Need: To Be Placed Within the Federal Transportation Rights of Way That The State DoT's and American Taxpayers Already Own



240,000 Route Miles of Underground Conduit and Fiber: Built Directly Alongside U.S. Interstates, Federal Highways and Federally Funded State and County Roads

Usable Poles and Vertical Infrastructure: Ubiquitous placement of poles and mid-elevation towers along U.S. Interstates are Essential For 5G and 6G wireless mobility, Line of Sight ("LOS") and Near Line-of-Sight Technology ("NLOS")



47,000 60' to 80' Sharable Poles Connected to Commercial Electric Service and Fiber Spaced at 1 Mile Intervals Are Needed to Provide Contiguous Coverage

Solution: 47,000 Hybrid Manholes With Integrated Pole Foundations



Infrastructure and Fiber We Will Ultimately Have: All of the Existing Privately Owned Long-Haul Fiber in the Public and Utility RoW Plus Shareable Infrastructure and Fiber in Federal Transportation RoW

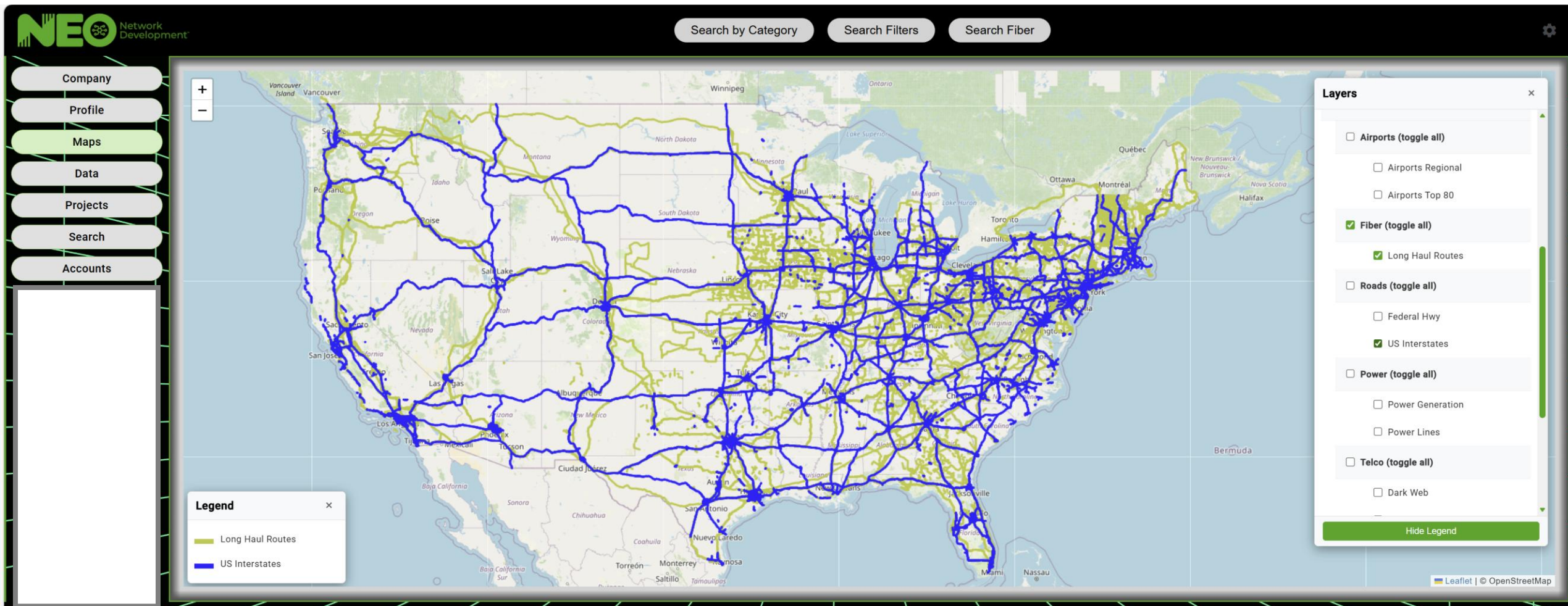


Infrastructure Accessible for Commercial Use: Enables Incumbent Service Providers to Build More Fiber 3 Times More Cost Effectively and 5 to 10 Times Faster

National Broadband Master Plan

Desktop Design and Budget

Phase 1: Consist of 50,000 Miles of Underground Conduit and Fiber Placed Along U.S. Interstates Comprising the Primary Infrastructure and Fiber Optic Core

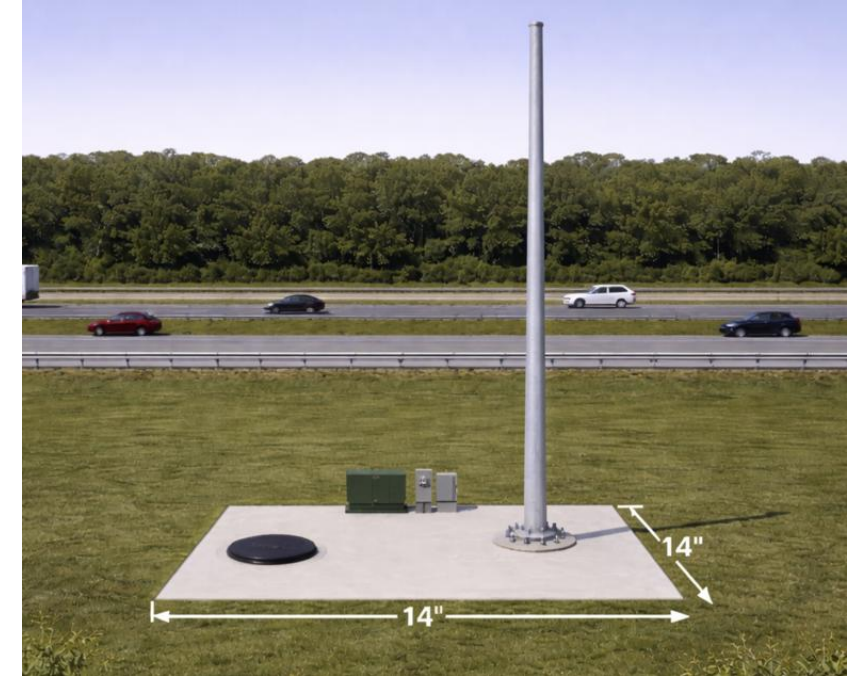


100%
Below Ground

\$50 Billion
Phase 1 Budget

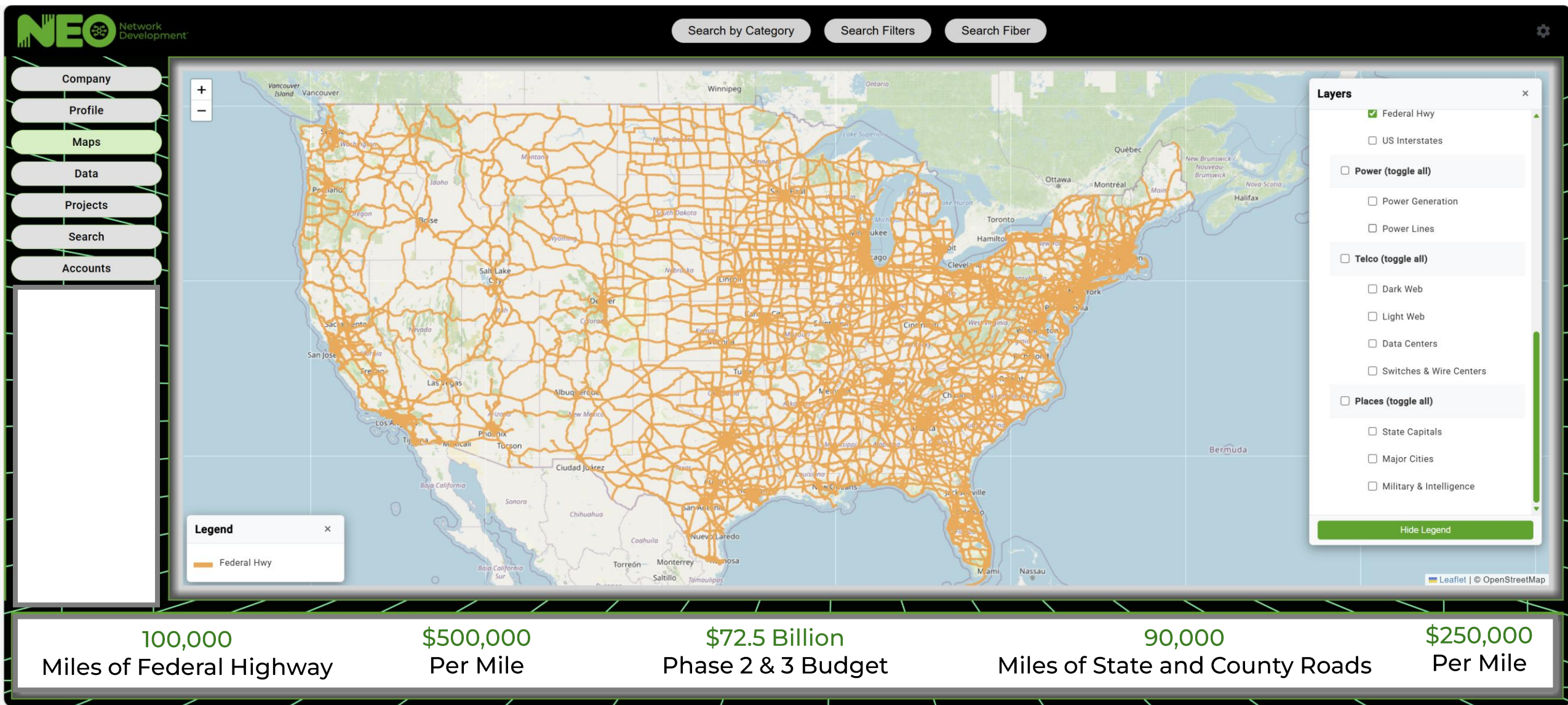
~\$1 Million
Per Mile

Phase 1: Includes Up to 47,000 Cast In Place Manholes Spaced at 1 Mile Intervals With Integrated Foundations to Place 60' to 80' Monopoles Equipped With Commercial Electric Service

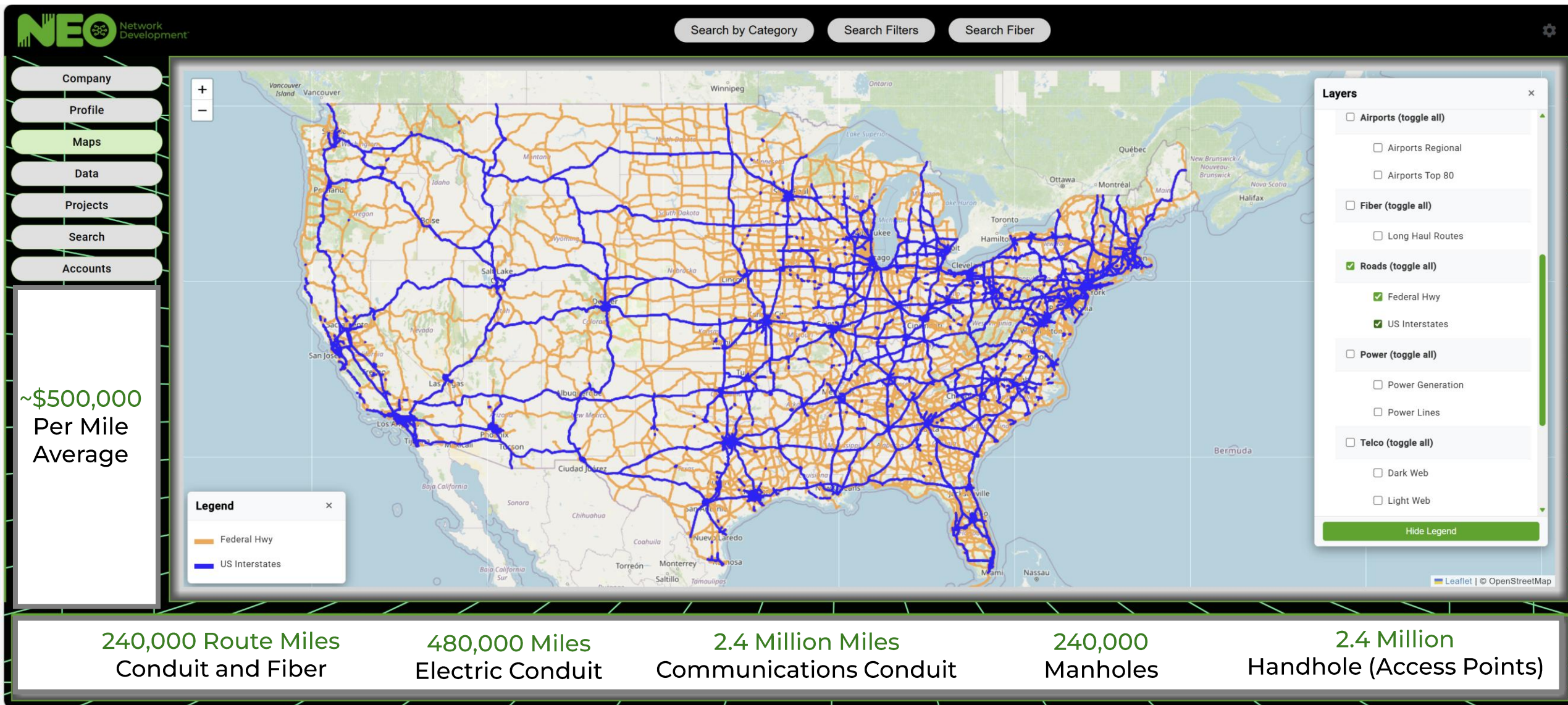


Shareable Infrastructure: Supports All Advanced and Emerging Mobile Wireless, Line of Sight (“LOS”) and Near Line-of-Sight (“NLOS”) Technology

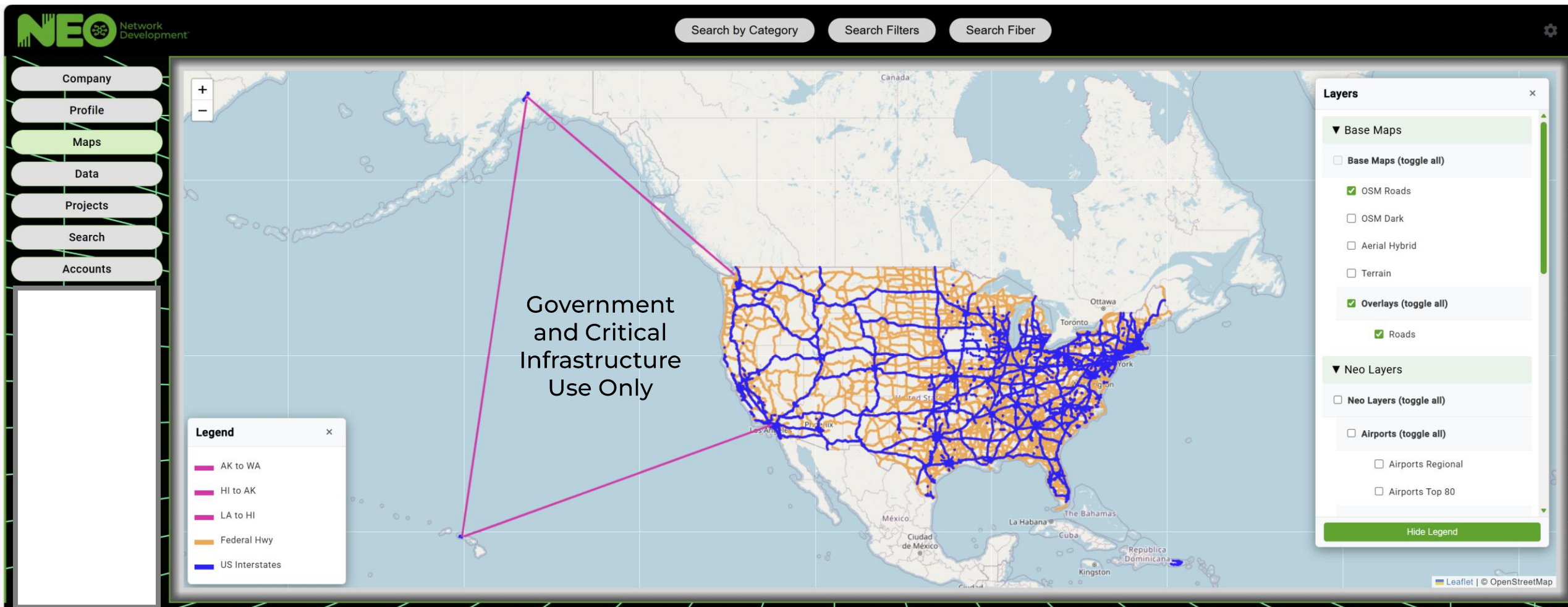
Phase 2 & 3: Consist of Up To 190,000 Total Miles of Federal Highway “Middle Mile” and Federally Funded State and County Roads “Last Mile”



Completion of Phases 1, 2 & 3: The Continental U.S. Will Have the Most Resilient and Self-Sustaining Infrastructure and Fiber Base On Earth



Phase 4: 10,000 Miles of Subsea Fiber Optic Cable

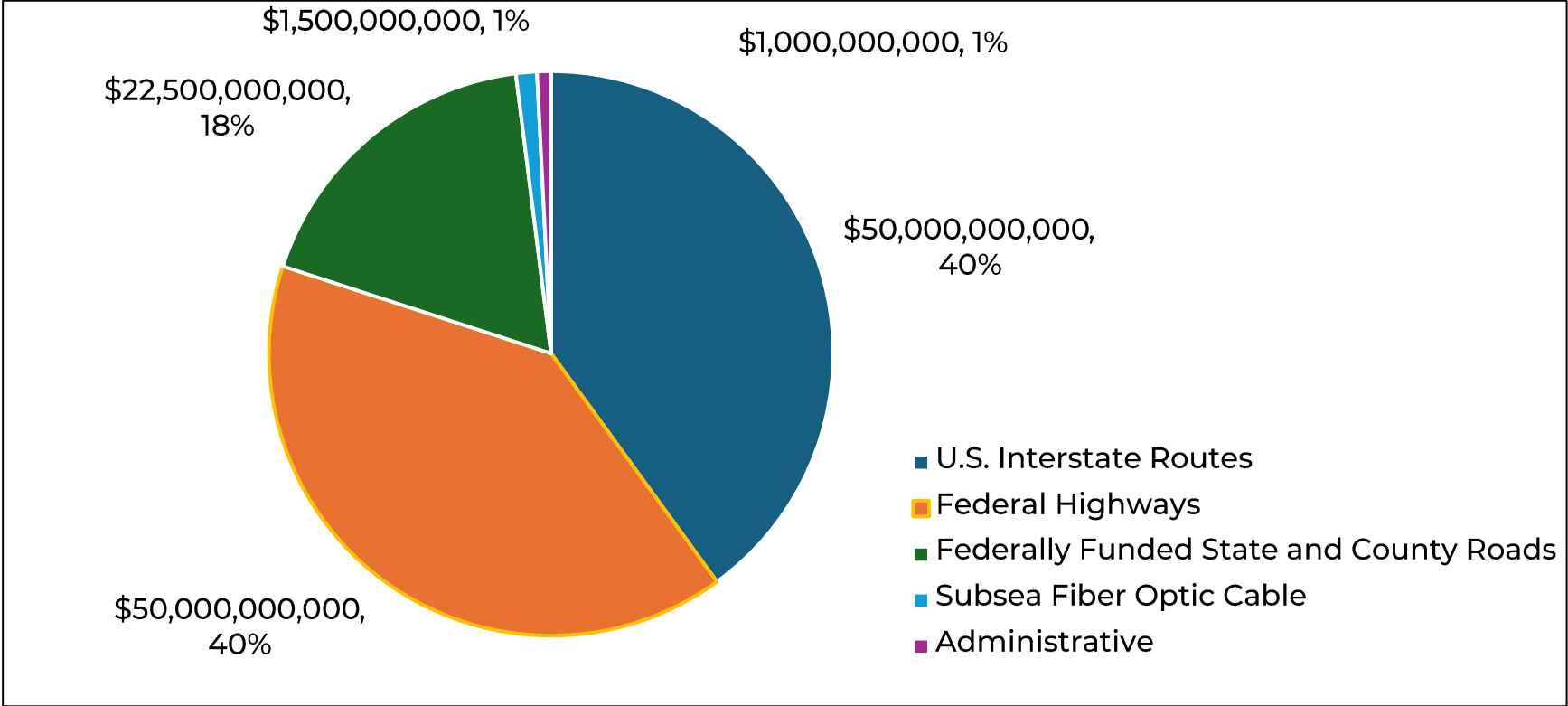


Pacific Ring: 2,400 Strands of Fiber To Support Immediate Government, Military, Intelligence, Communications, Transportation, Energy and Critical Infrastructure Only

National Broadband Master Plan

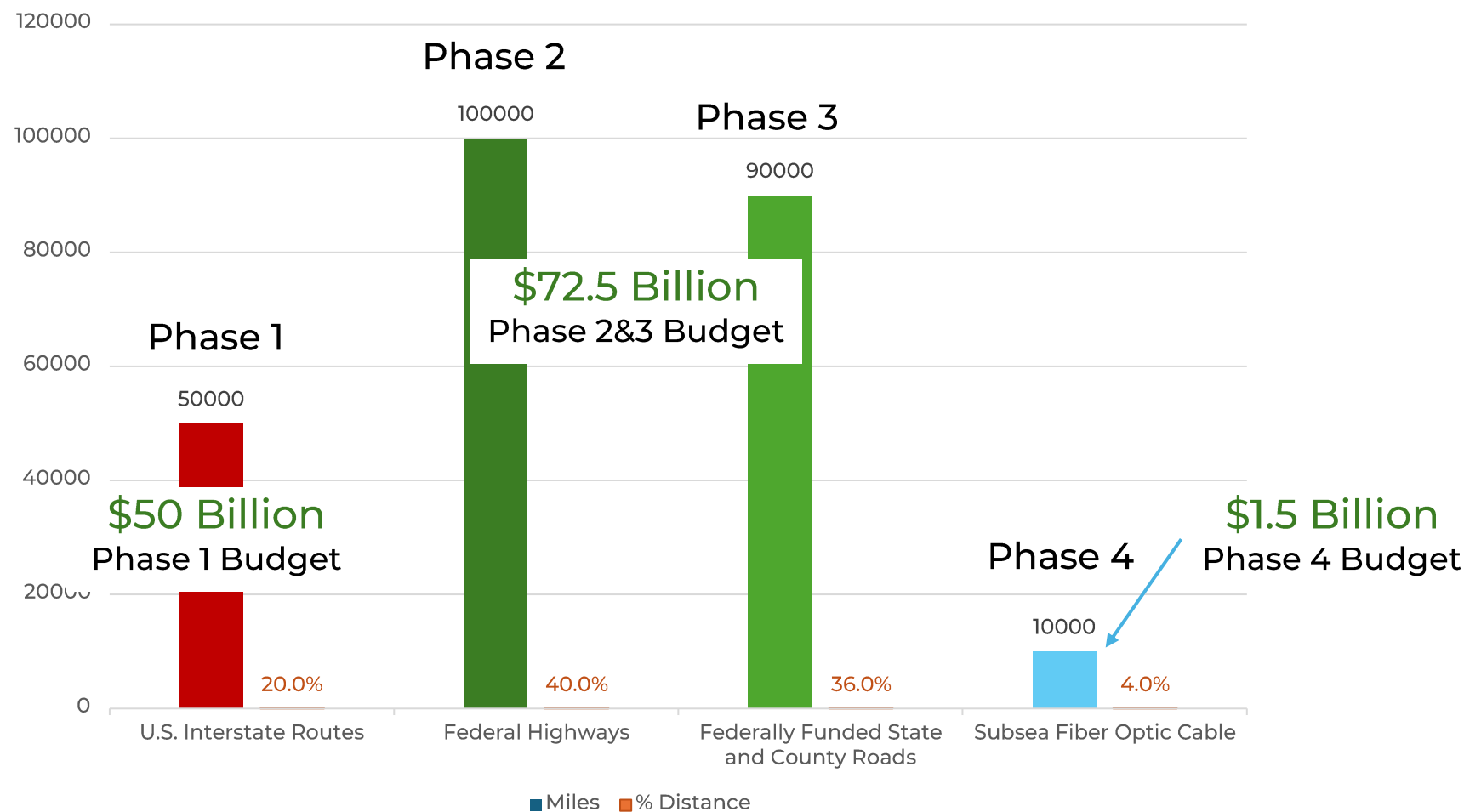


\$125 Billion Capital Budget Summary



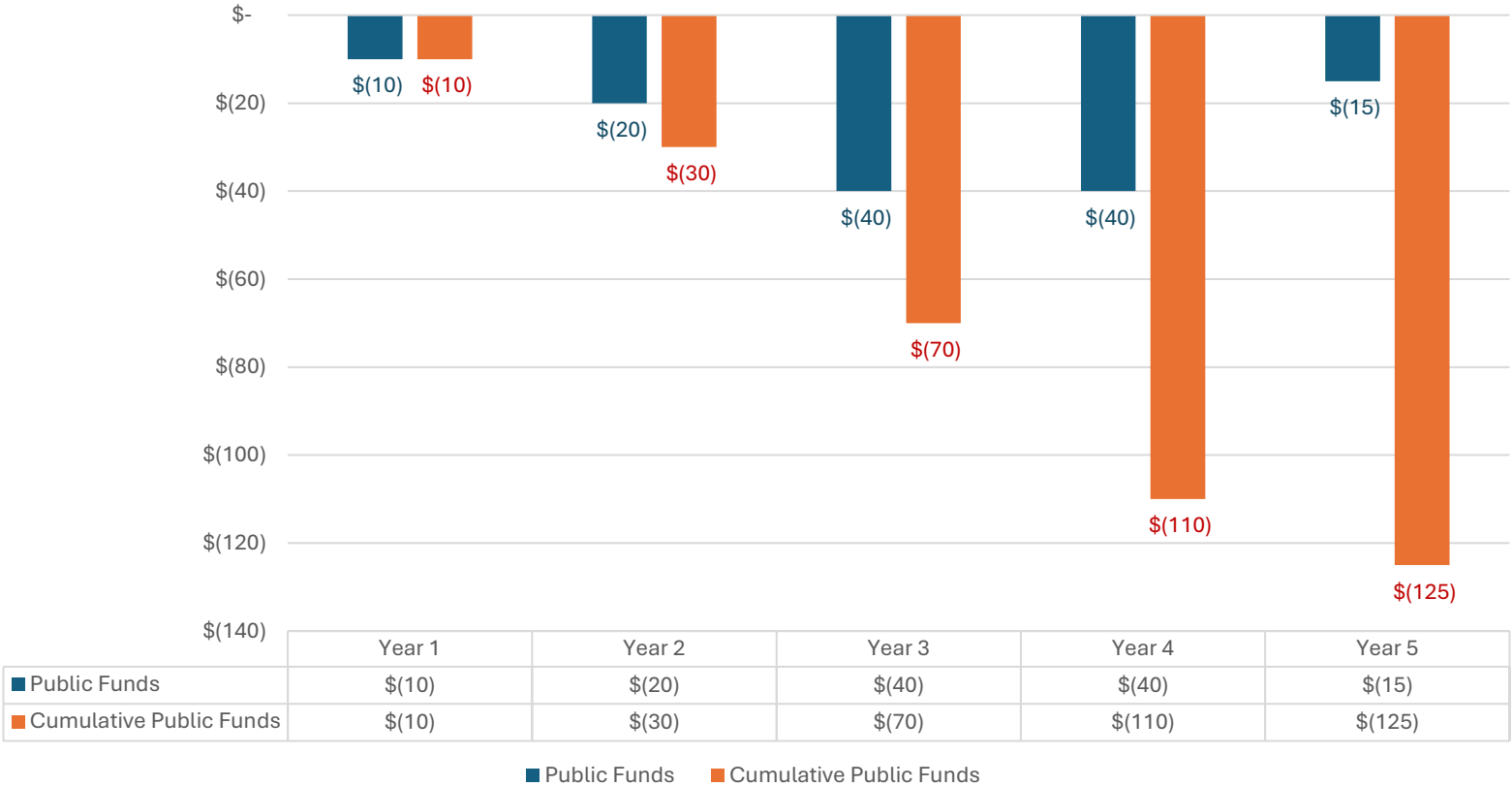
Refined Capital Budget	Miles	Cost Per Mile	Cost Per Foot	Total Cost	% Capital	% Distance
U.S. Interstate Routes	50000	\$1,000,000	\$189	\$50,000,000,000	40.0%	20.0%
Federal Highways	100000	\$500,000	\$95	\$50,000,000,000	40.0%	40.0%
Federally Funded State and County Roads	90000	\$250,000	\$47	\$22,500,000,000	18.0%	36.0%
Subsea Fiber Optic Cable	10000	\$150,000	\$28	\$1,500,000,000	1.2%	4.0%
Administrative	1			\$1,000,000,000	0.8%	0.0%
Totals	250000			\$125,000,000,000	100%	100.0%

250,000 Route Mile Design and \$125 Bn* Capital Budget Overview



*Includes \$1 Bn Budget for Planning and Administrative Cost

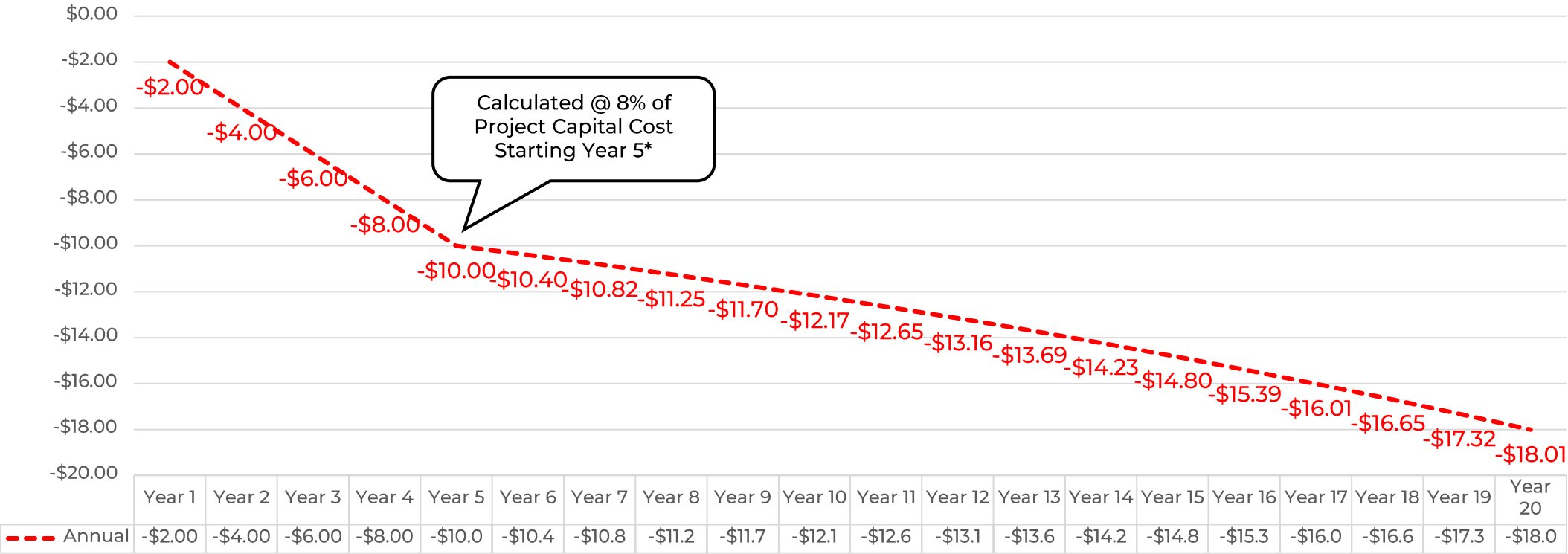
Timing and Availability of Public Funds



Initially Appropriating All \$125 Bn As Public Taxpayer Funds Ensures Project Completion

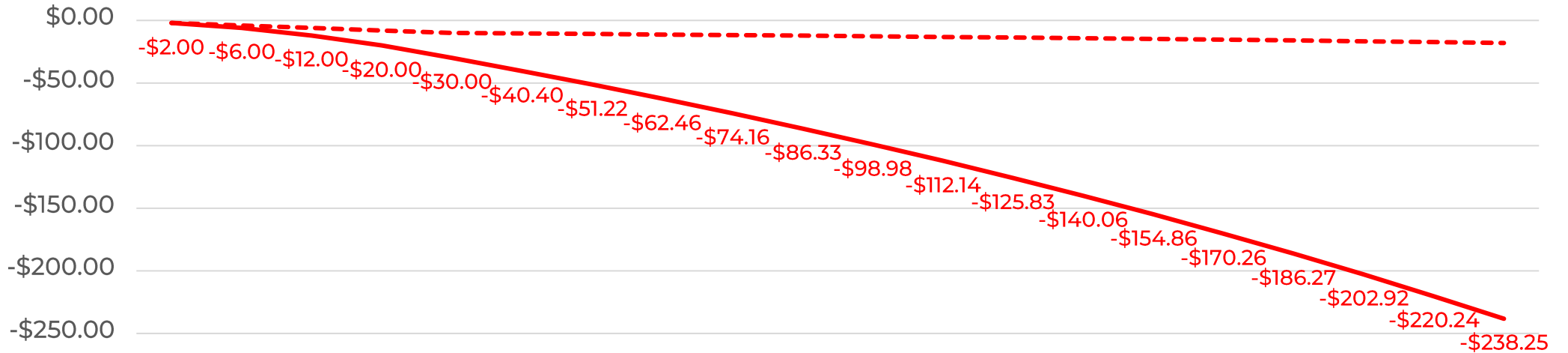
Gradual Ramp to ~\$10 Billion In Annual Operating Expenses As Anticipated Worst Case

Actual Expenses and Cost Escalators Intentionally Overinflated



*Includes \$2 Bn (20%) Annual Accrual For Fiber Upgrades and Replacement Cost At End of Life

Cumulative Operating Expenses Projected Over 20 Years*



--- Annual	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	Year 11	Year 12	Year 13	Year 14	Year 15	Year 16	Year 17	Year 18	Year 19	Year 20
— Cumulative Expense	-\$2.0	-\$6.0	-\$12.	-\$20.	-\$30.	-\$40.	-\$51.	-\$62.	-\$74.	-\$86.	-\$98.	-\$112	-\$125	-\$140	-\$154	-\$170	-\$186	-\$202	-\$220	-\$238

--- Annual — Cumulative Expense

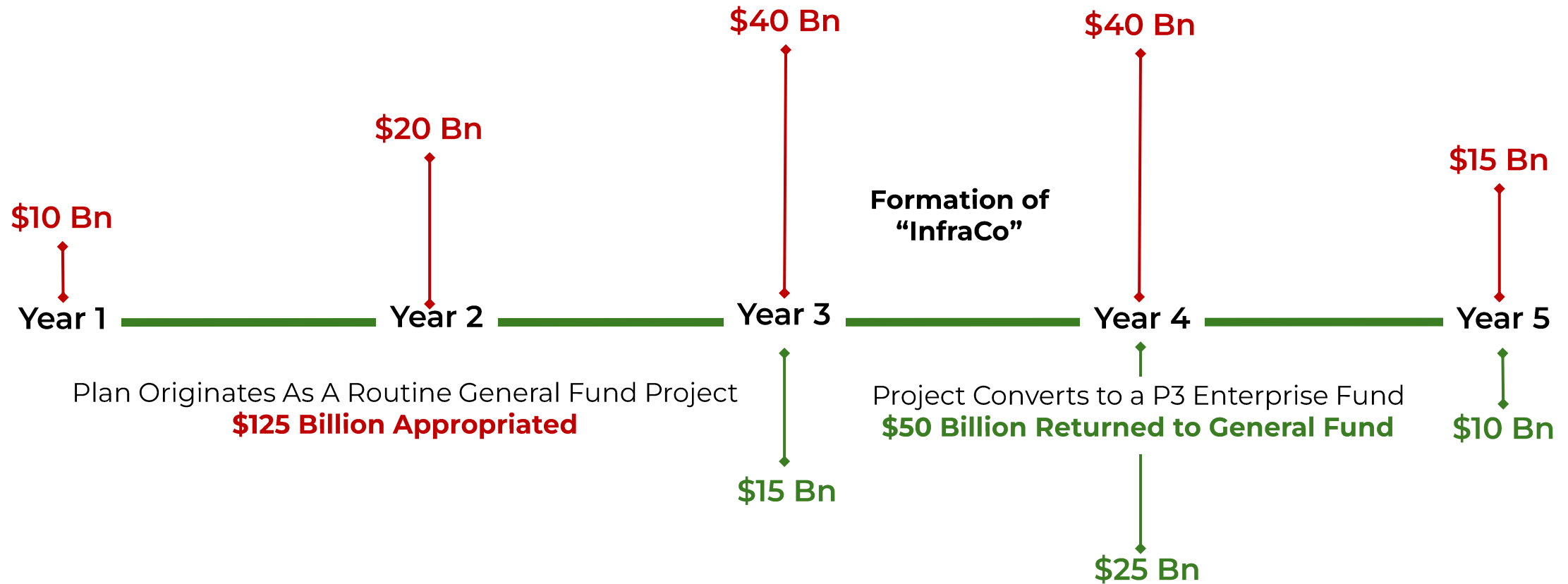
*Includes a 4% Annual Cost Escalator

20 Year Total Cost of Ownership

\$300 Billion (Capital and Cumulative Expense)

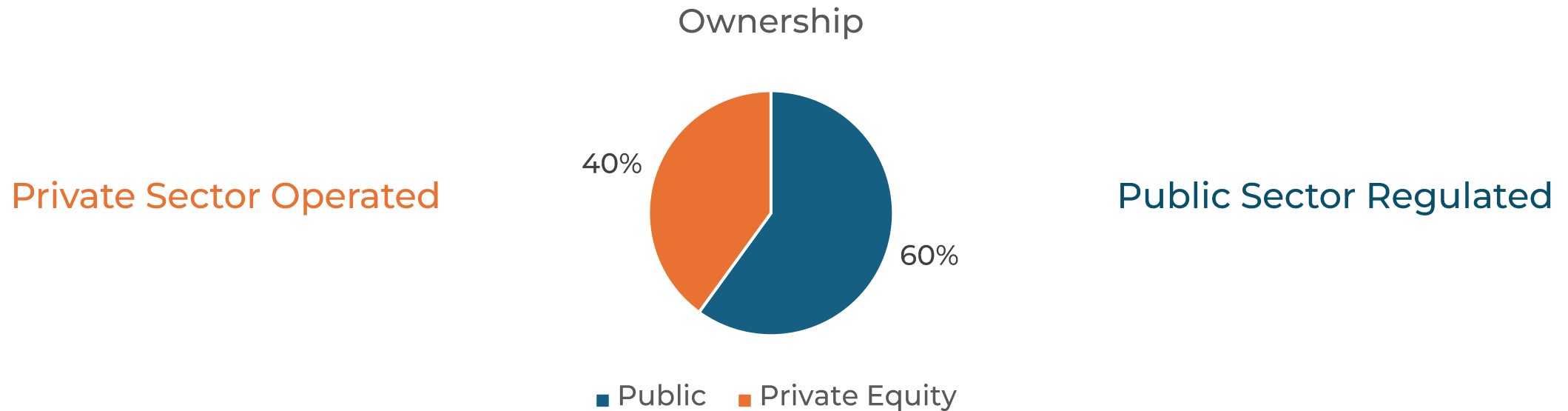
20 - Years

Involving the Private Sector Guarantees Shared Infrastructure Access is Marketed and Monetized From Commercial Use



\$50 Billion Returned to the General Fund Reduces Net Capital by 40%

Maintaining A Majority of Public Ownership Guarantees Open Access

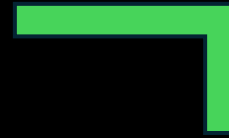


Competitively Neutral, Non-Discriminatory Access
Commercially Reasonable Rates and No Windfall Profit Taking

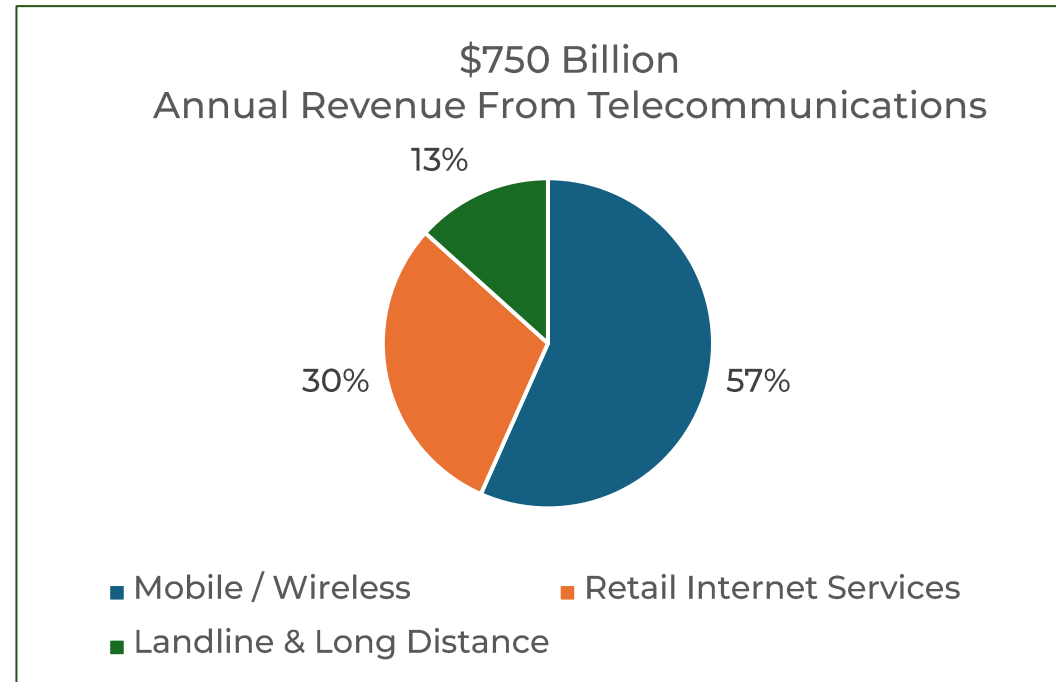
National Broadband Master Plan



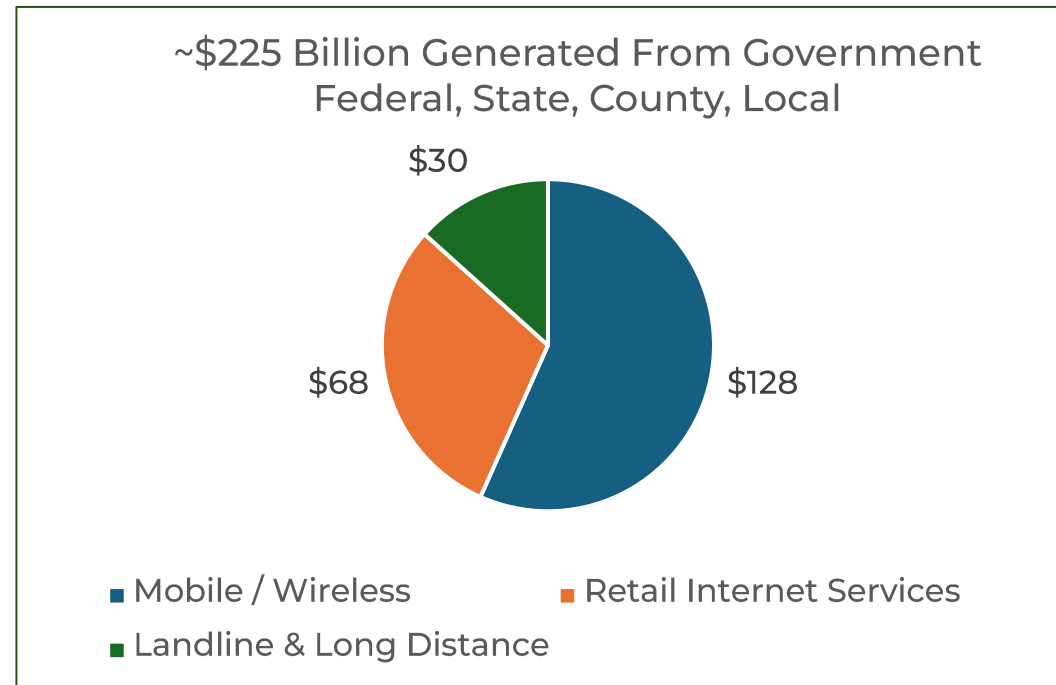
Savings



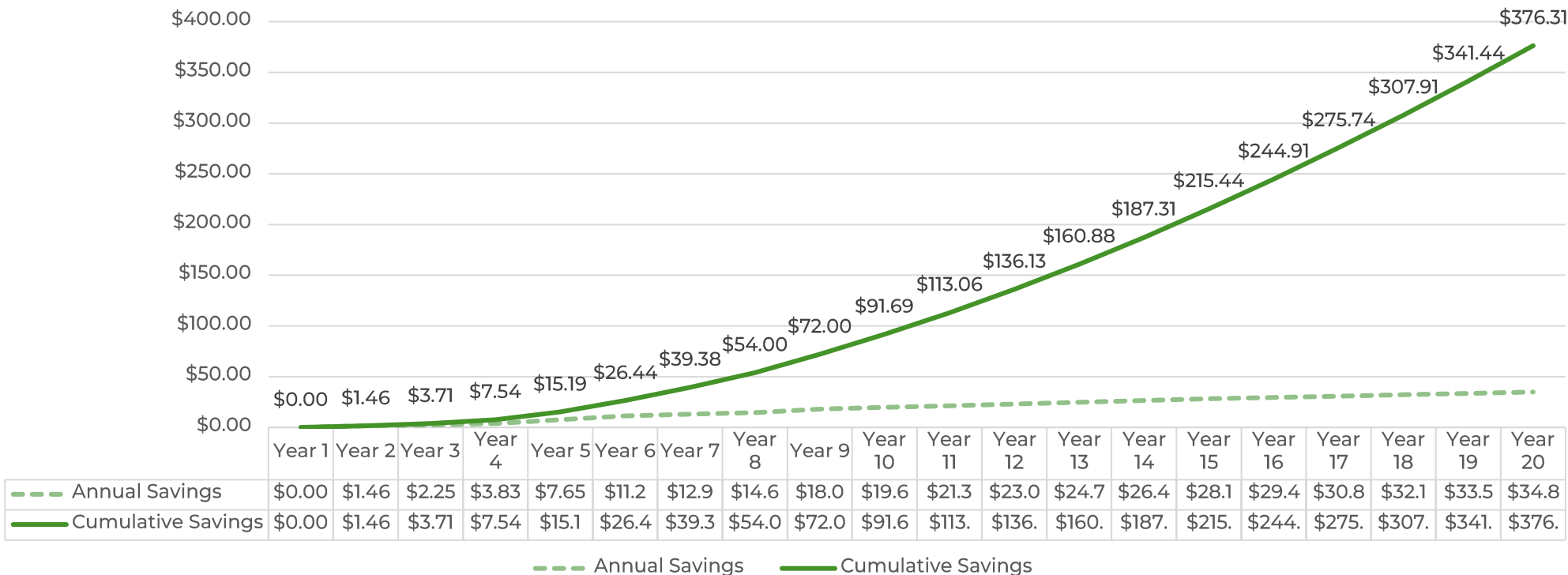
U.S. Telecom Industry Generates ~\$750 Billion A Year



~\$225 Billion A Year (~30%) Originates From Government Spend



Measurable Savings Resulting From Slowing the Current Rate of Spend Reduced Reliance On Overpriced Individual Retail Internet Circuits



Conservative Pro-Forma Projections Reflect More Than \$30 Billion Annual Savings
Cumulative Savings In Excess of \$370 Billion Over 20 Years

Savings Recover The Taxpayers Investment And Cover Annual Operating Expense

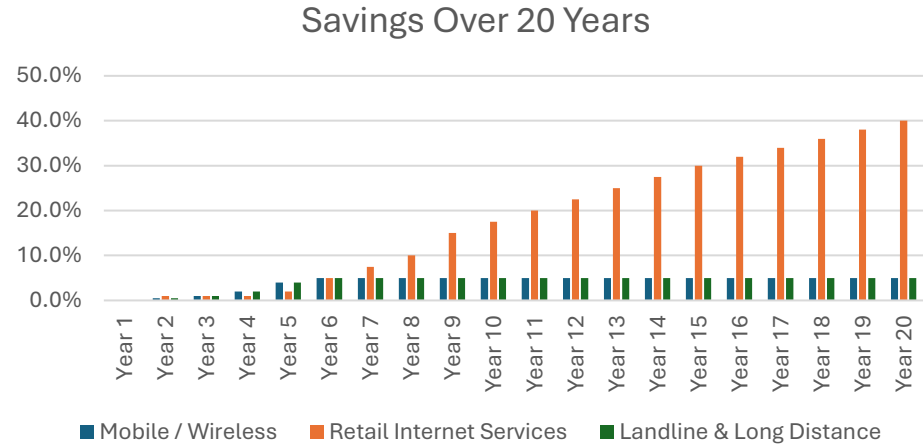
\$125 Billion
Invested



⇒ >\$375 Billion
Saved

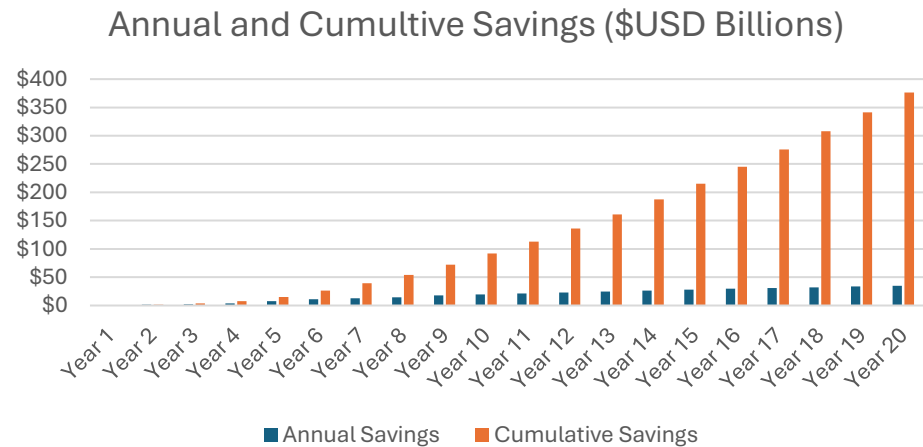
300% Return On Investment
Over First 20 Years

Fiber Creates Savings So Profound Even Without Any Revenue From Commercial Use The Investment Pays For Itself



Direct Taxpayer Savings

- Slowing the Rate of Spend On Mobile Wireless, Landline and Long & Distance Services By Just 5%
- Gradually Reducing The Cost of Retail Internet Services Spend By 40% Over the First 20 Years



Projected Savings

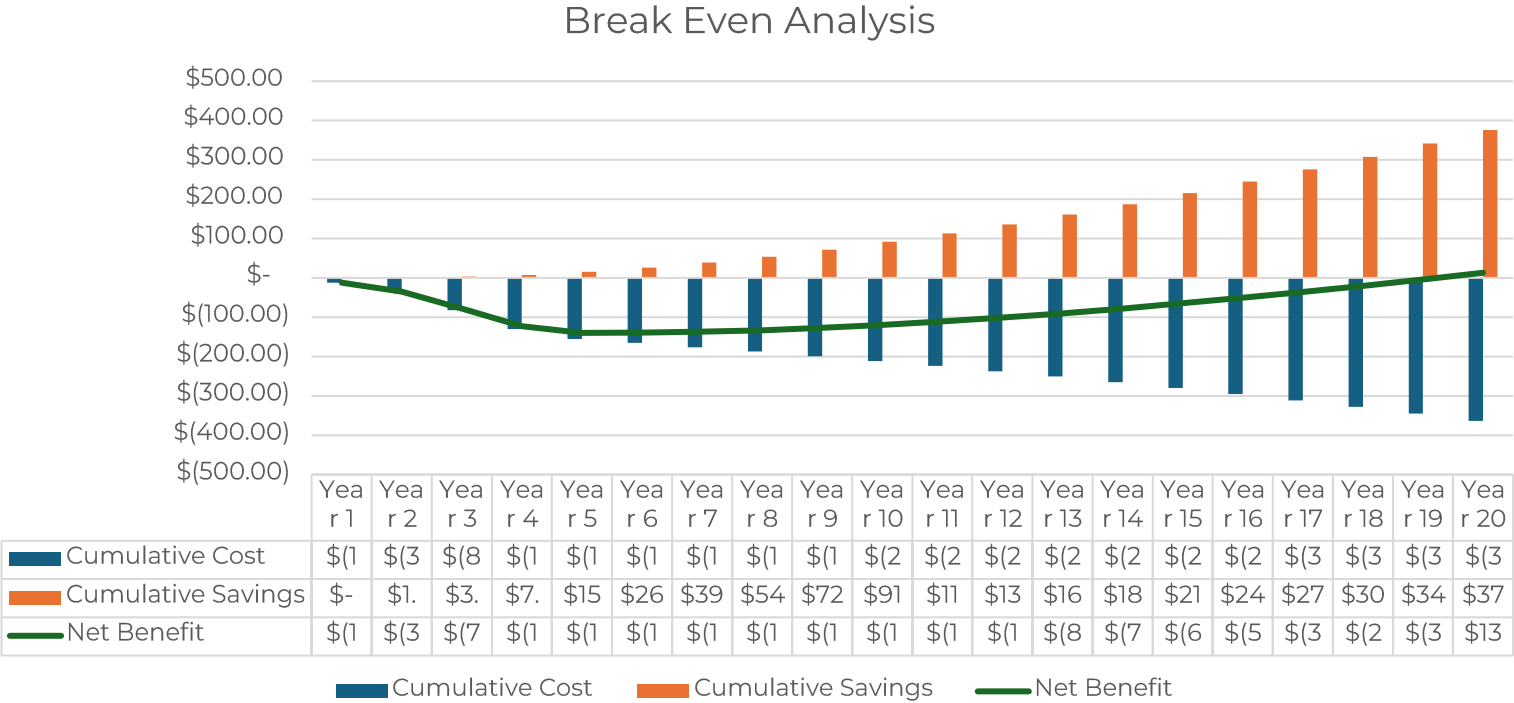
End of Year 10

- **\$20 Billion Annualized Savings**
- **\$92 Billion Cumulative**

End of Year 20

- **\$35 Billion Annualized Savings**
- **\$350 Billion Cumulative**

<20 Year ROI On Savings Alone*

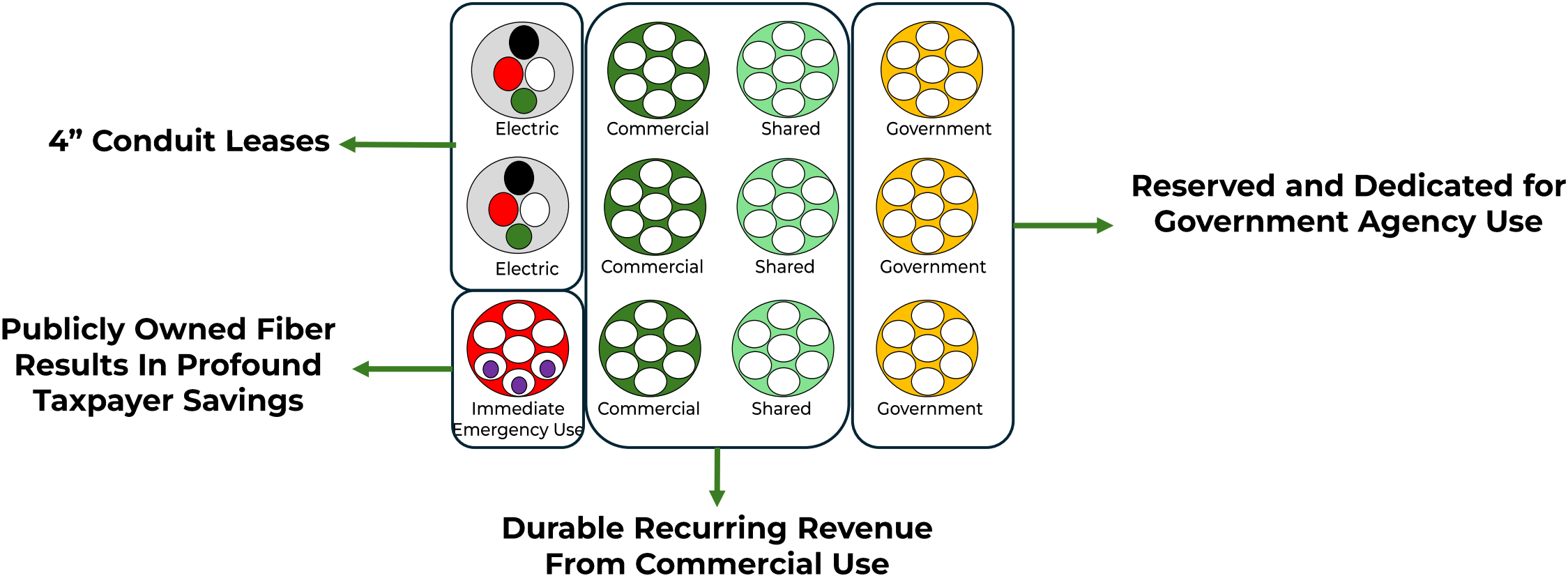


**Not Including Any Non-Tax Revenue From Commercial Use*

National Broadband Master Plan

Revenues

Projections Factor Taxpayer Savings For Government Agencies and Durable, Annual Recurring Revenue From Commercial Use



Additional Revenues From Lateral and Location Based Infrastructure Including Rents From 250,000 Manholes Leases and Rent From 2.5 Million Handholes

Operated At Full Capacity and Managed As A Network Real Estate Business
The Infrastructure Can Generate Up To \$35 Bn From Commercial Use

Non-Tax Recurring Revenue From Commercial Use Calculated At Competitively Neutral,
Non-discriminatory, Cost Recovery (“Postalized”) Rates

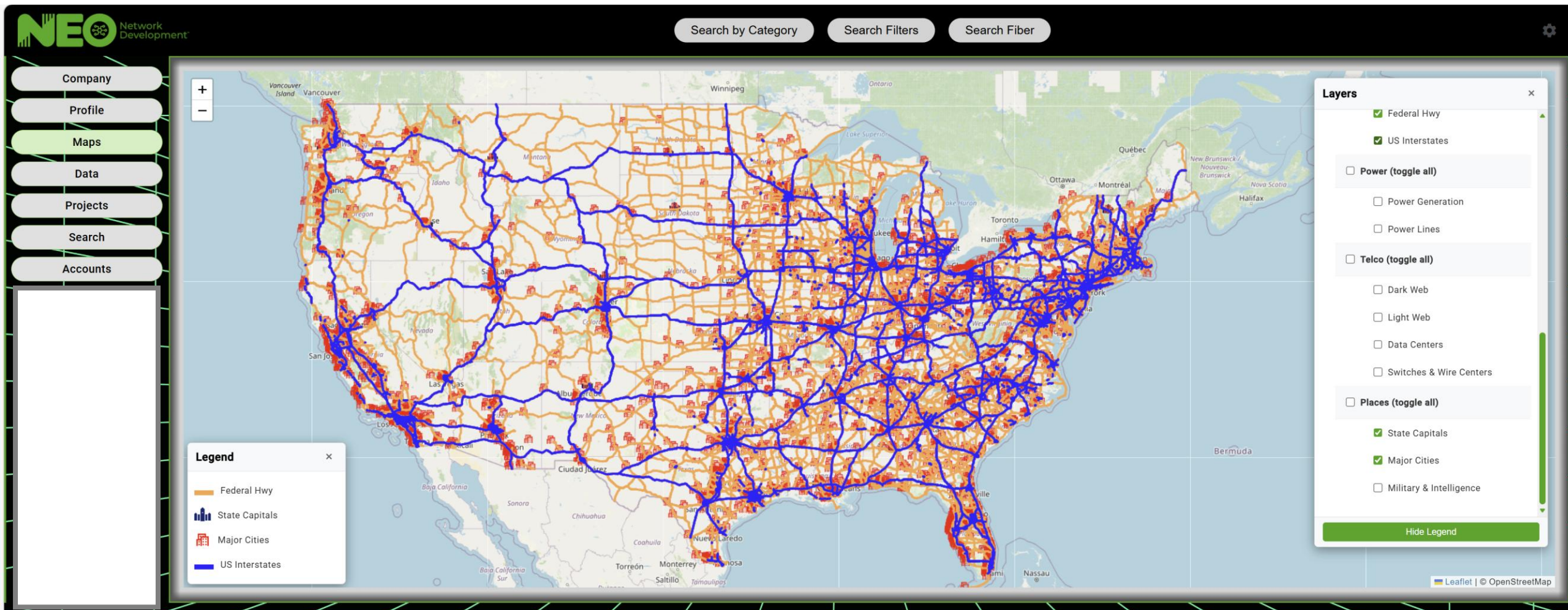
Phase 1	
Lateral Infrastructure	\$20,328,000,000
Location Based Infrastructure	\$550,000,000
<u>Phase 1 Revenue</u>	<u>\$20,878,000,000</u>
Phase 2 and 3	
Lateral Infrastructure	\$12,672,000,000
Location Based Infrastructure	\$1,672,000,000
<u>Phase 2 and 3 Revenue</u>	<u>\$14,344,000,000</u>
<u>Phase 1, 2 & 3 Combined</u>	
<u>Gross Annual Revenue</u>	<u>\$35,222,000,000</u>

**Not Including Non-Recurring Professional Services or Any Recurring Revenue From Dark Fiber, Transport, Managed Fiber Services or Pole Rents*

National Broadband Master Plan

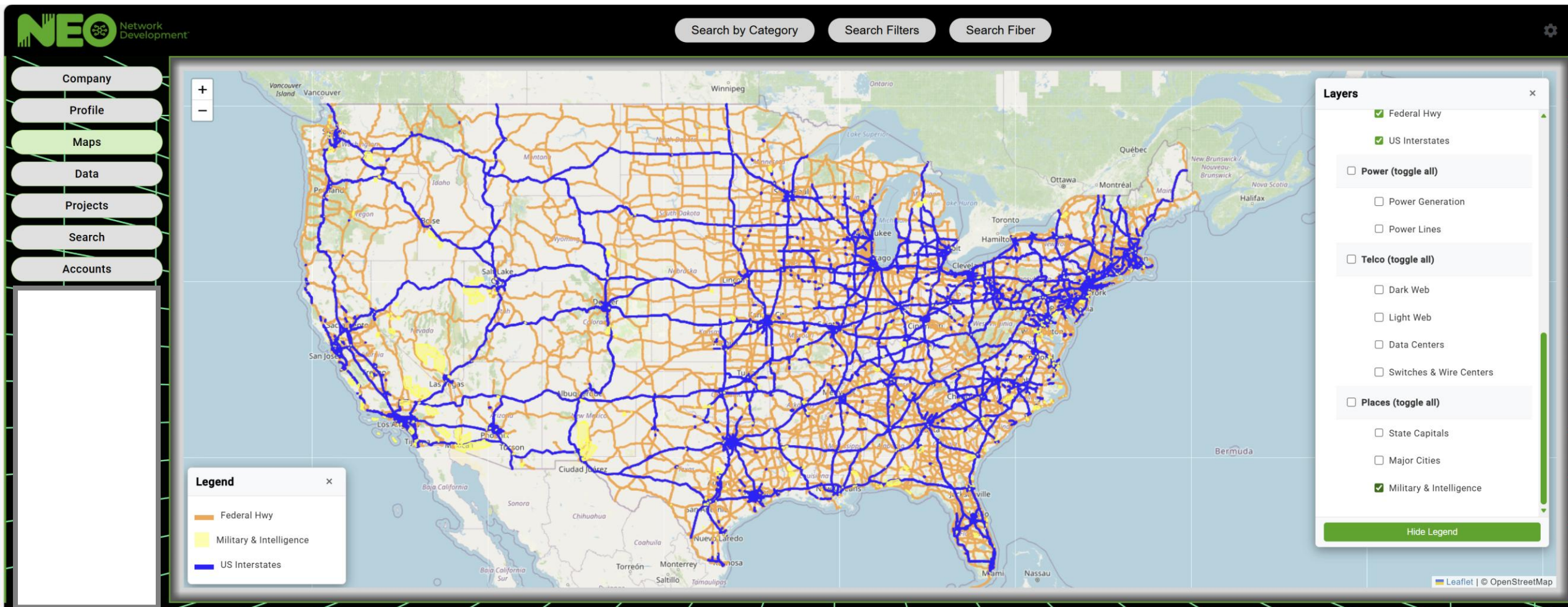
Public Use Cases

Federal Government Properties: Interconnecting Federal Properties In Every State Capital, Major US City and Strategically Routed to Interconnect Unserved and Underserved Places



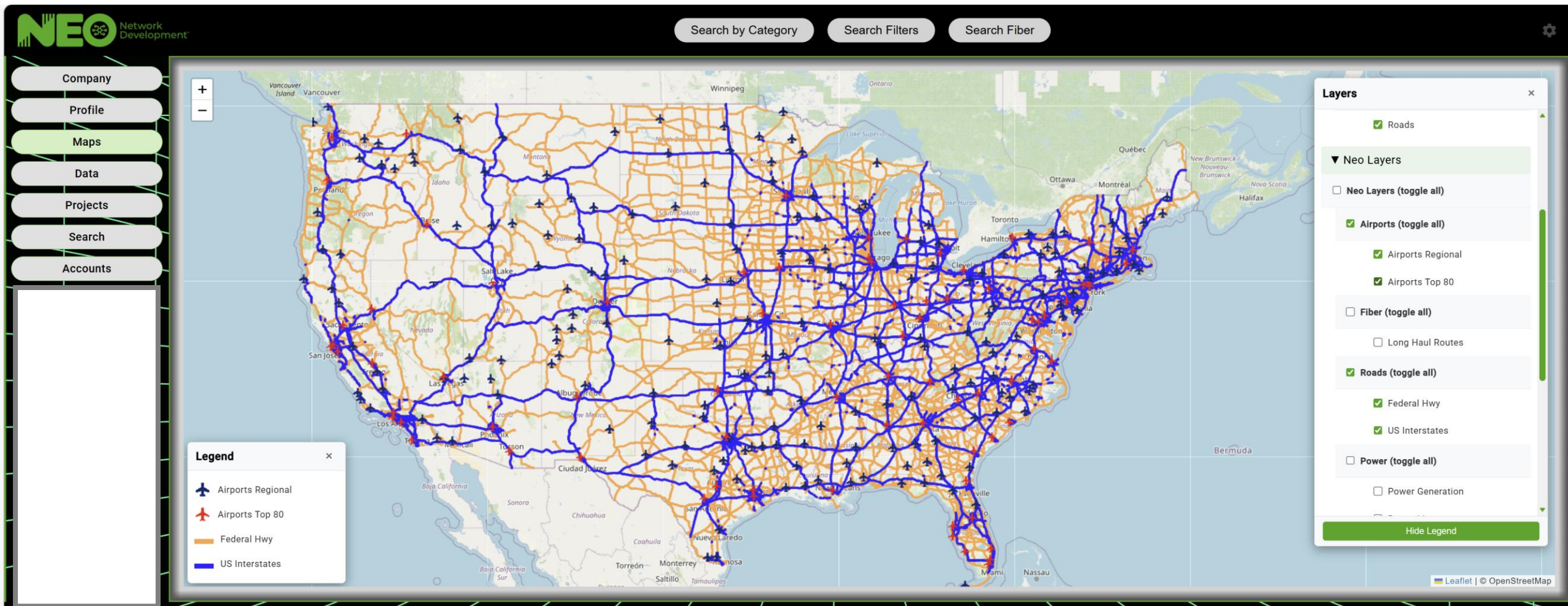
State, County and Local Government Incentivized to Expand and Build Off The National Backbone

U.S. Military and Intelligence Agencies: Hardening Homeland Security and Nation Defense With Fiber Optic Networks For Each Branch of the Military, Intelligence Agency and the Golden Dome



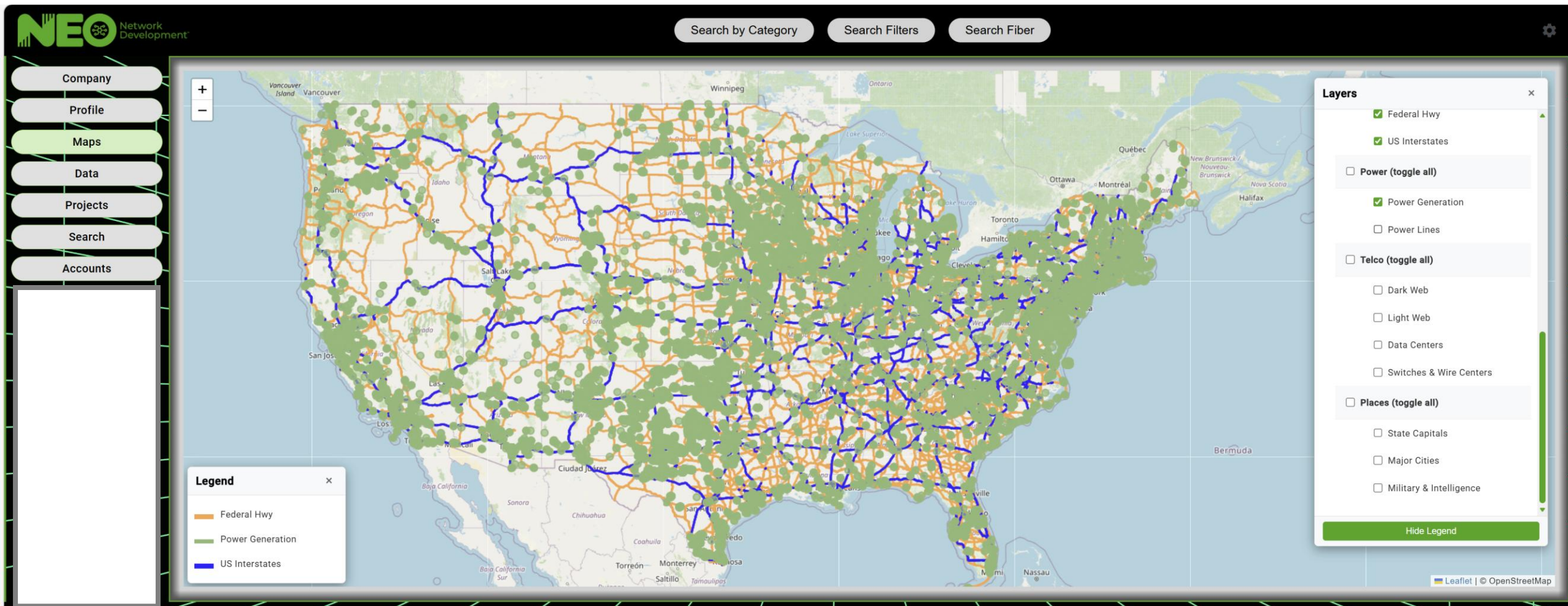
Protecting Those That Risk Their Lives to Protect Us

Intelligent Transportation Technology: Weaving Airports, Seaports, Transport Hubs and Transportation Rights of Way Into the Digital Fabric To Keep People, Products and Goods Moving Faster and Safer



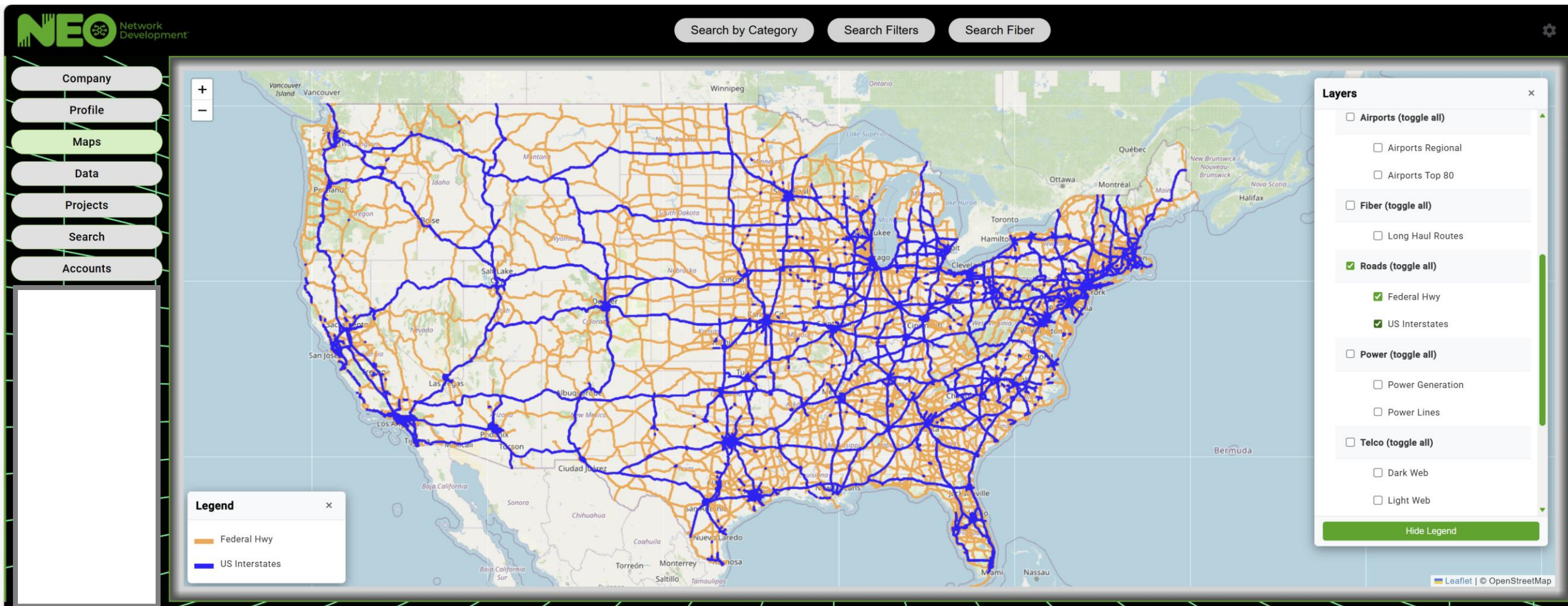
Dovetails Into the \$12.5 Bn Airport Improvement Project and Monetization as Edge Data Centers Interconnects Intelligent Infrastructure Supporting 5G Densification & U.S. Dominance in 6G AI RAN

Protecting Our Energy Production and the Electric Grid: Dedicated Dark Fiber Protects Critical Utilities From Debilitating Cyber-Attacks and Malicious Acts of Cyber Terrorism and Cyber-Warfare



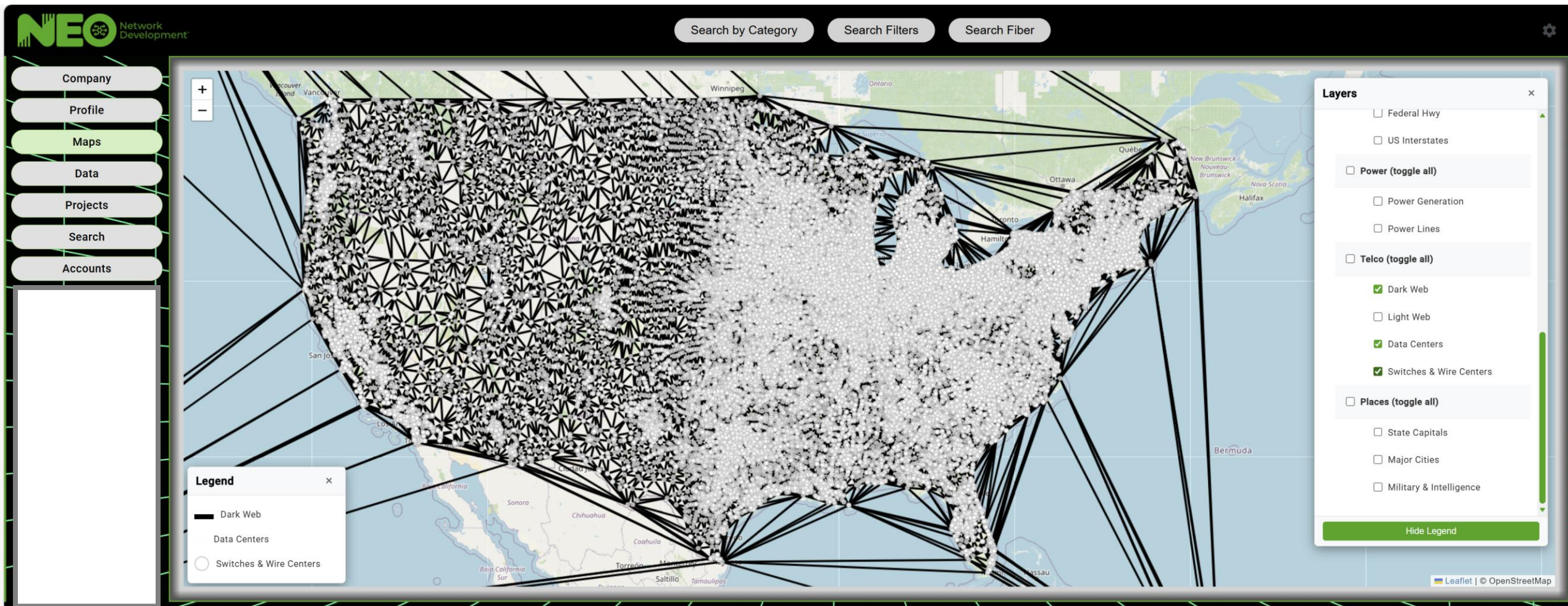
Underground Infrastructure and Fiber Strategically Routed to Connect Vulnerable Energy Production, Transmission and Distribution of Electric, Water, Fossil Fuels and Gas Utilities

As a Unified Investment in Hardened Infrastructure: Every Federal Agency and State Reaps the Benefits In Measurable and Meaningful Ways



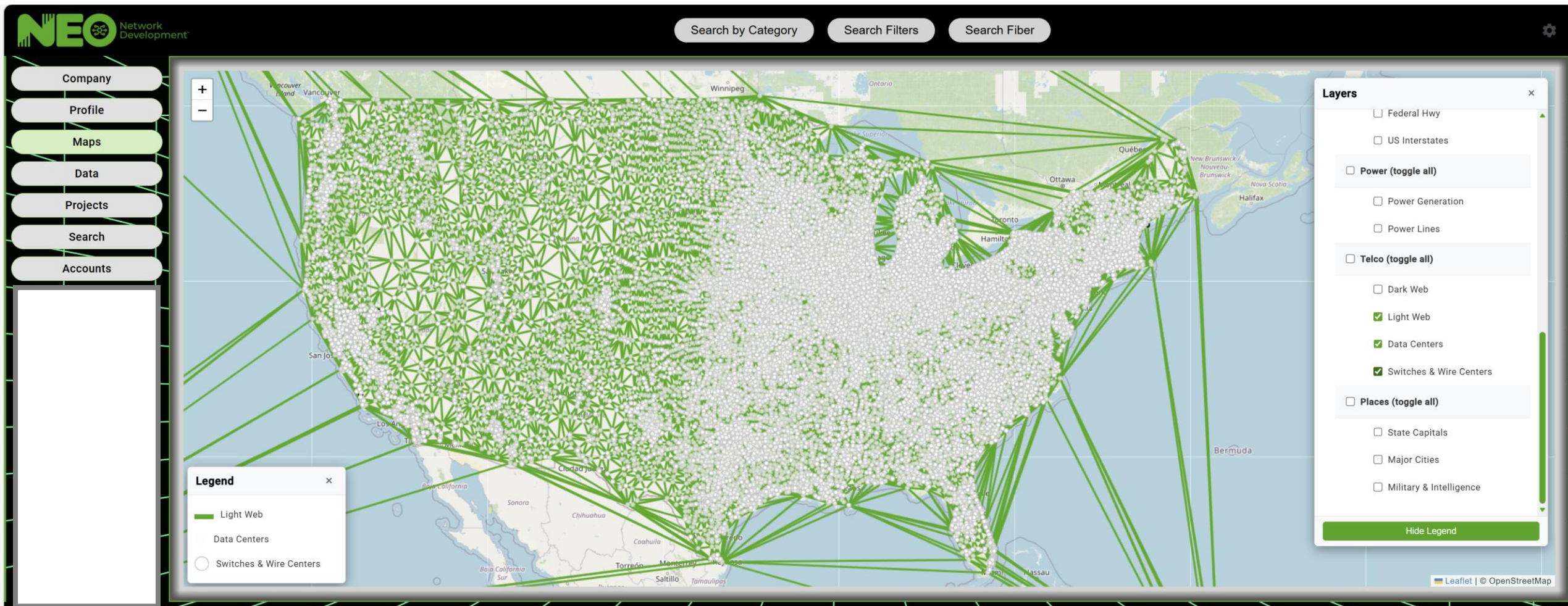
The More Wireless Our World Becomes, The More Wired Connections Are Needed to Make Them Work With Massive Gaps in 4G / 5G and the Future of 6G All Depend On Getting the Infrastructure In Place

Upgrading the Public Internet: America's Aging Internet Is Currently Ranked #32 of 36 Developed Nations and is Long Overdue for An Overhaul



Cobbled Together Using Leased Copper Lines, Hybrid Fiber Coax, Fiber, Wireless and Satellite a 21st Century Quantum Internet Requires a Pure Fiber Optic Backbone

Public Safety Communications, 5G and 6G Mobility: As Commercial Service Providers Use This New Infrastructure, More Reliable and Resilient Communications Will Emerge



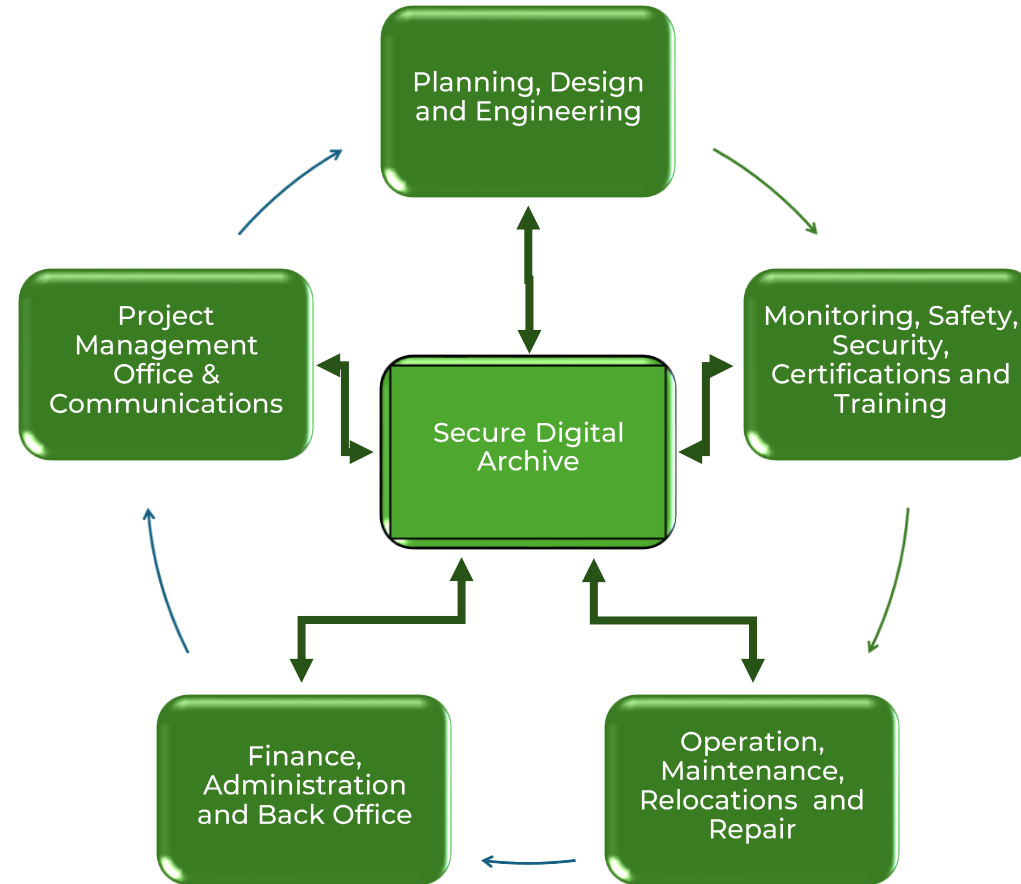
Getting Connectivity Close to More Than 500,000 Cell Towers, Communications Hubs, Wire Centers, Mega-watt and Edge and Data Centers

National Broadband Master Plan

Operating Plan

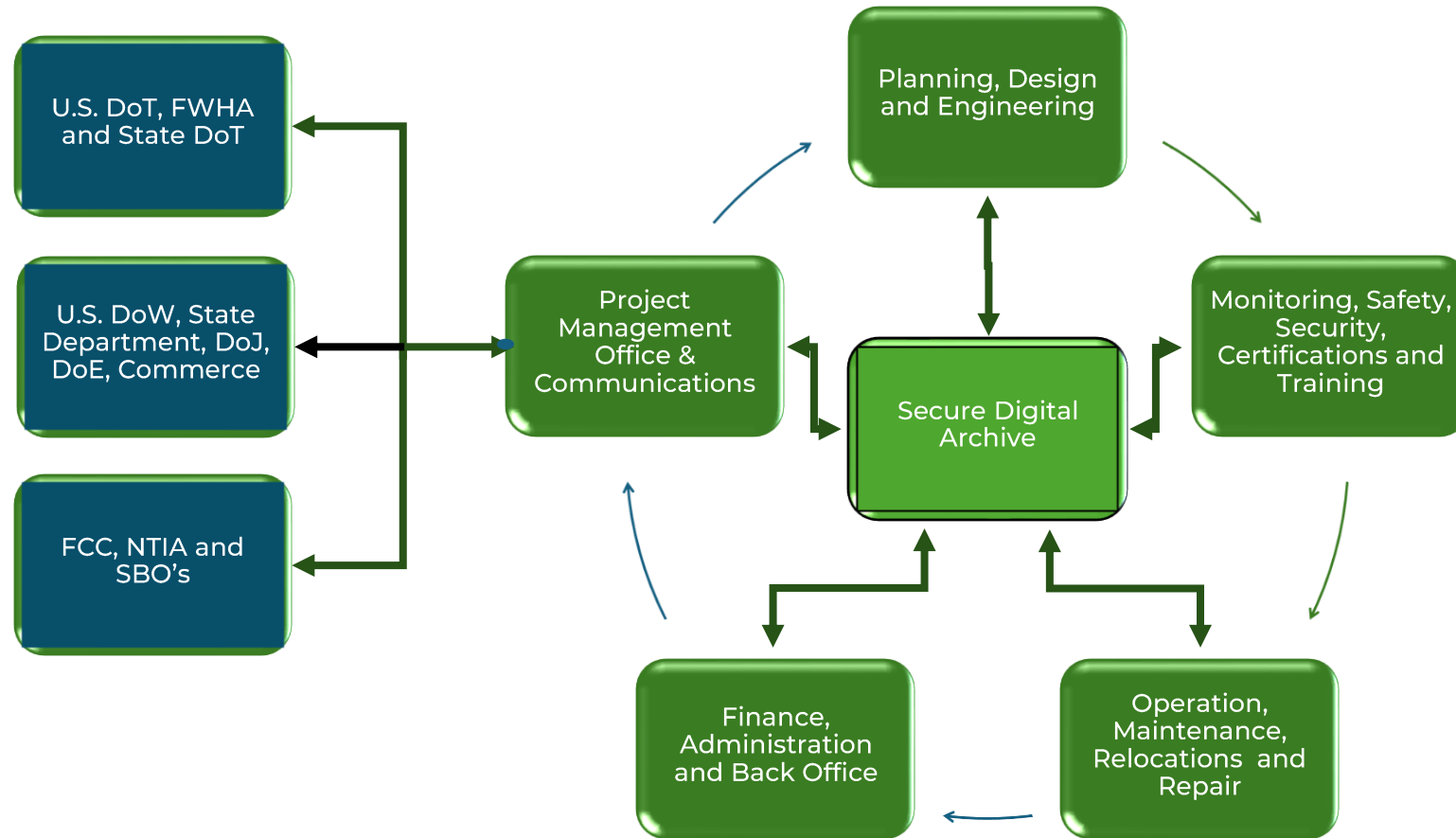
With The Formation of InfraCo, The Project Converts From a General Fund Project to a Public-Private Partnership and an Enterprise Fund (“P3-EF”)

~ Year 3



An Organization Created to Safely Build, Operate, Maintain, Repair, Relocate and Replace Fiber and Infrastructure in Federal Transportation Rights of Way

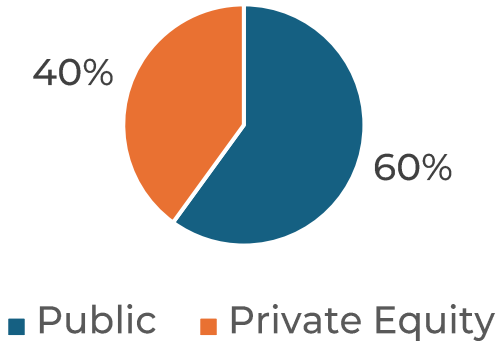
InfraCo PMO Centralizes Coordination and Communications With Federal and State Agencies



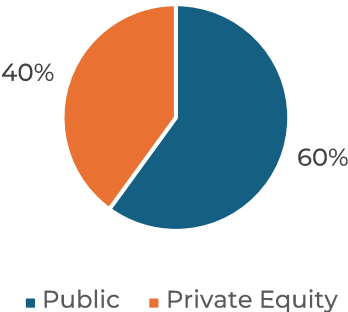
A Digitally Hardened Clean Room Maintains Communications and Operational Security Standards Over Confidential and Classified Data

The InfraCo P3-EF Ownership - Revenue and Cost Sharing

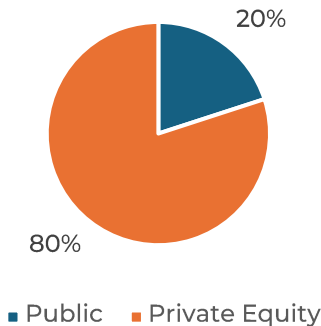
InfraCo Ownership



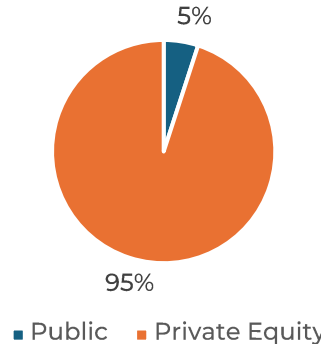
Annual Expense



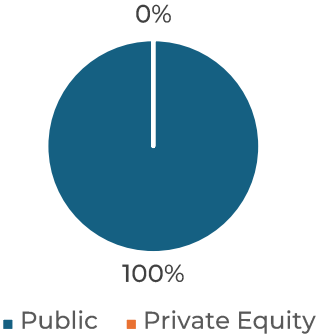
Recurring Revenue



Non-Recurring Revenue



Taxpayer Savings

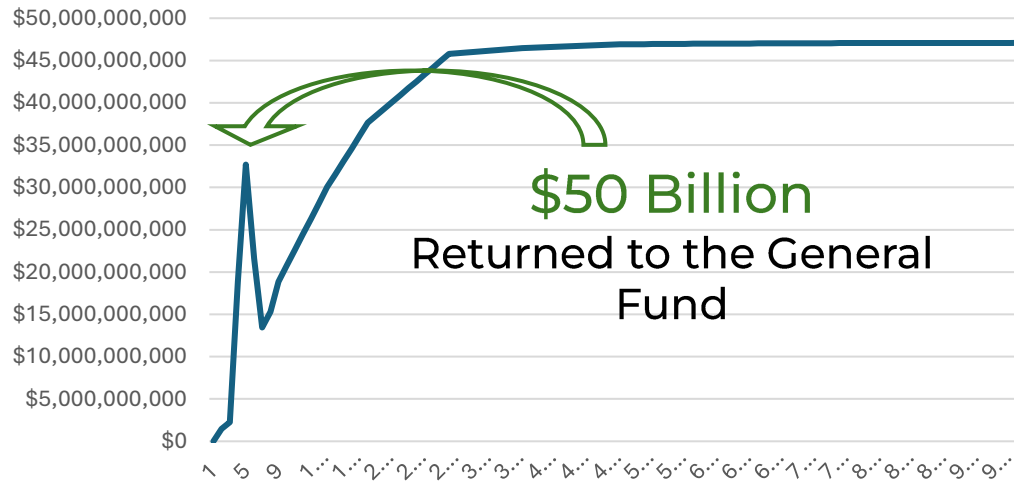


Taxpayers Keep The Savings In Perpetuity While Private Sector Investment, Expense Reduction and Revenue Sharing Pays Them Back

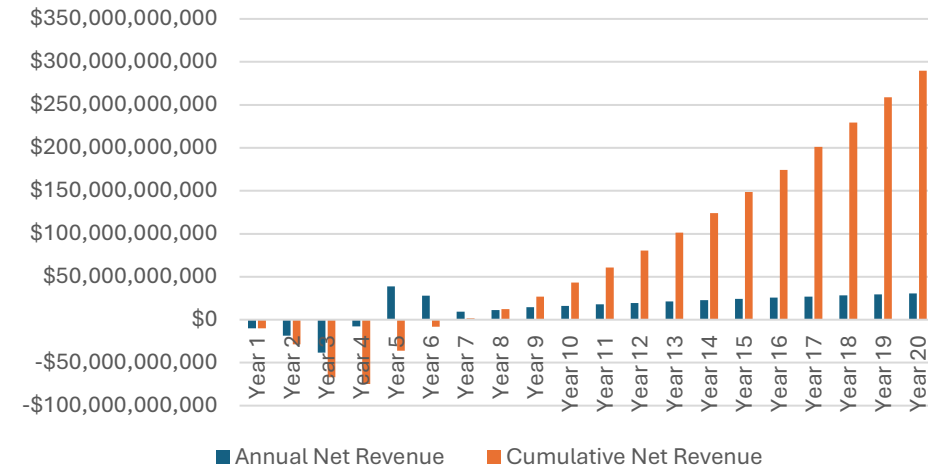
Shareable Infrastructure and Fiber For Government Use Only Surplus Infrastructure and Capacity Made Available For Commercial Use

Federal Government and Taxpayer Benefits

Private Equity + Annual Recurring Revenue



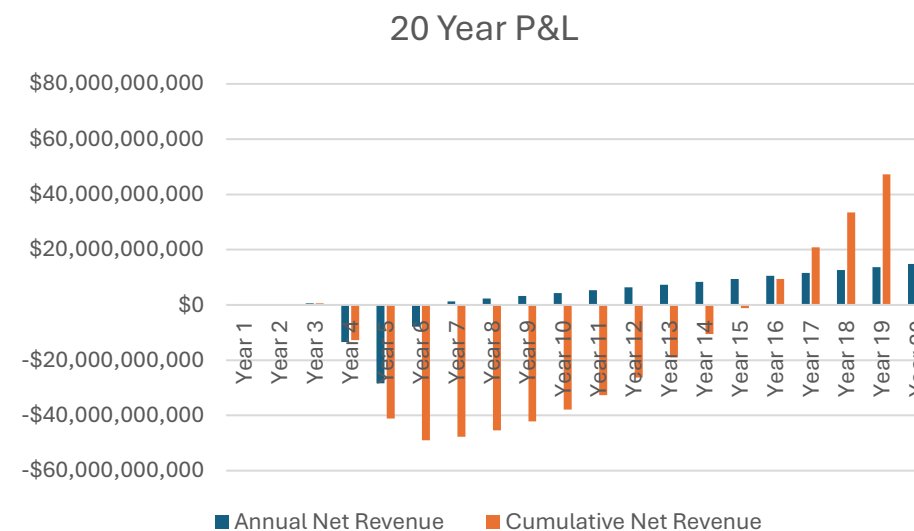
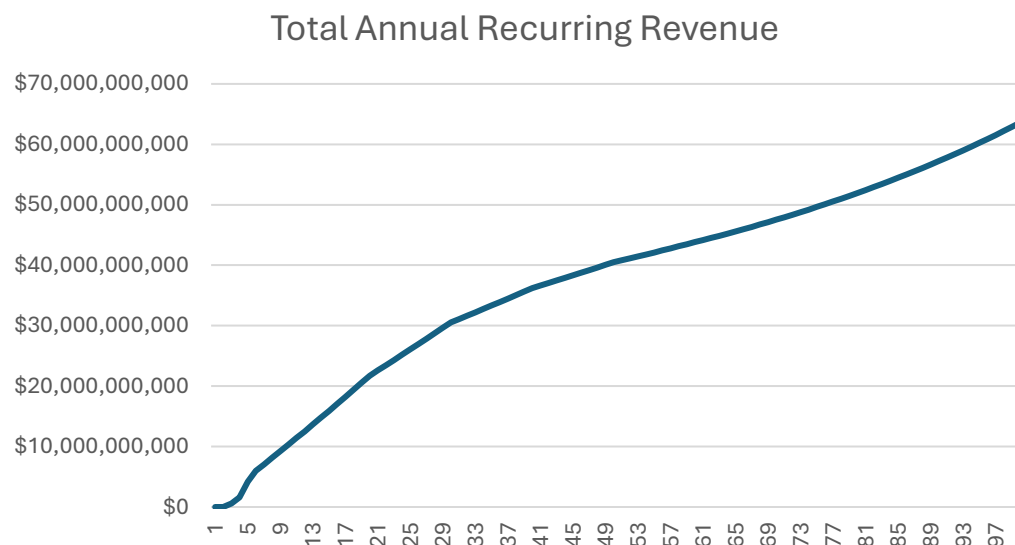
20 Year P&L



- \$75 Billion Net Capital Cost
- Measurable Taxpayer Savings
- Passive Revenue Sharing From Commercial Use
- Savings Plus Revenue Eclipse Expenses By Year 5
- Recovers the Investment By End of Year 8

Shareable Infrastructure and Fiber For Government Use Only Surplus Infrastructure and Capacity Made Available For Commercial Use

InfraCo Benefits



No Windfall Profit* Taking Ensures 95% of All Surplus Revenues Are Reinvested For Continued Expansion and Growth*

**Organized as a 501-C-4 and Operated As A Real Estate Investment Trust ("REIT")*

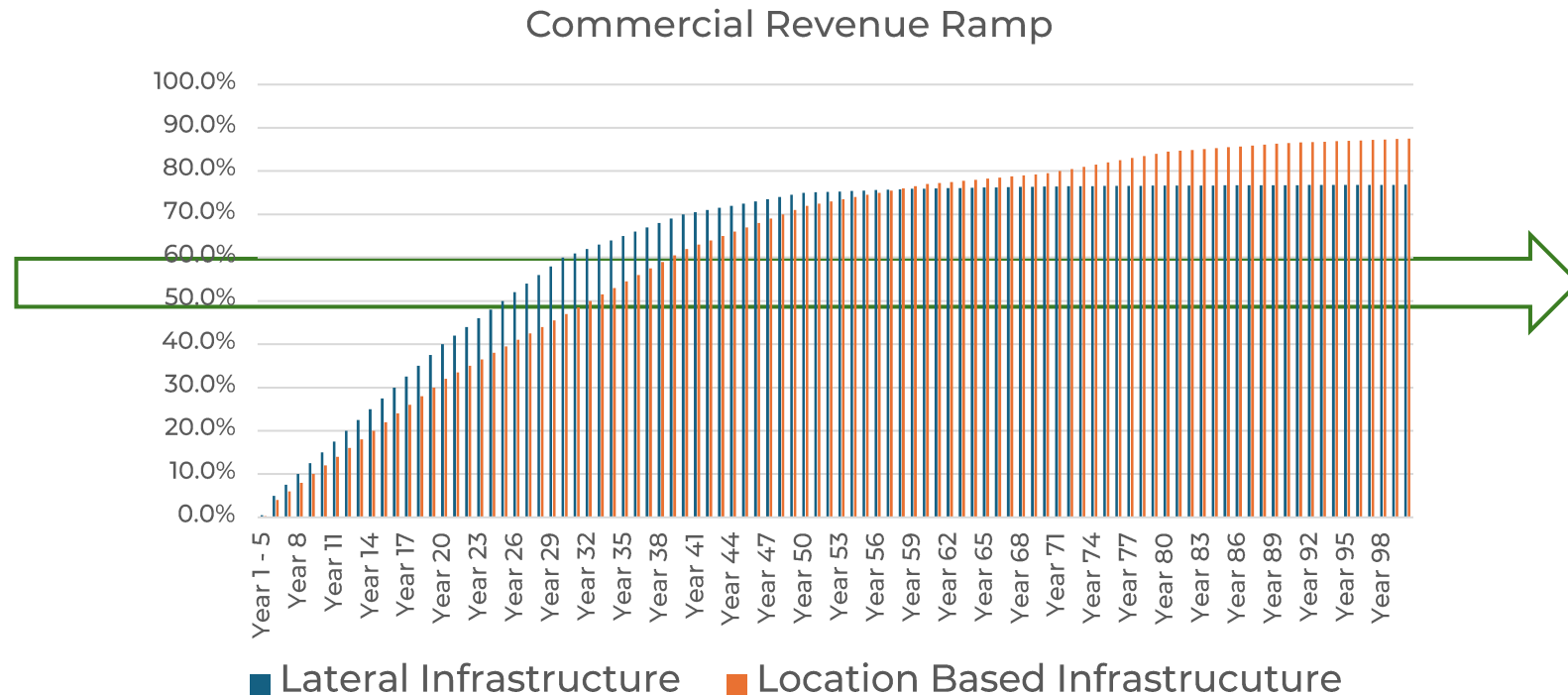
National Broadband Master Plan

100 Year Outlook

100 Year Projected Recurring Revenue Ramp

Leasing and Revenue Goals Targeting 50% to 60% of Max Capacity By ~Year 30

Projected
\$35 Bn Annual
Revenue (Gross)



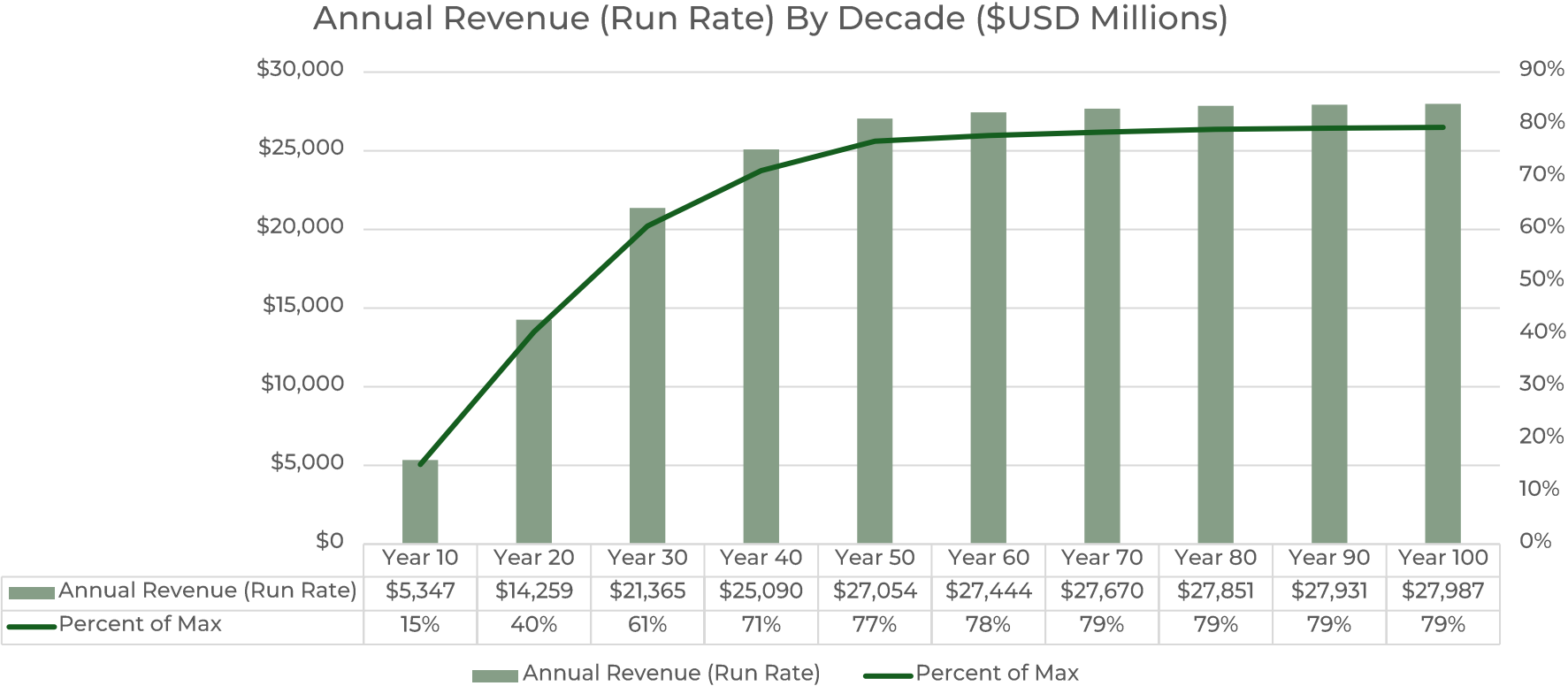
Variability
Recognition of
Revenue

100 Year Projected Revenue By Decade

Conservative Estimates Beyond Year 30 Reflect Average Annual Revenues in Excess of \$25 Bn*

30 Year
Ramp Up

\$25 Bn
Net Average



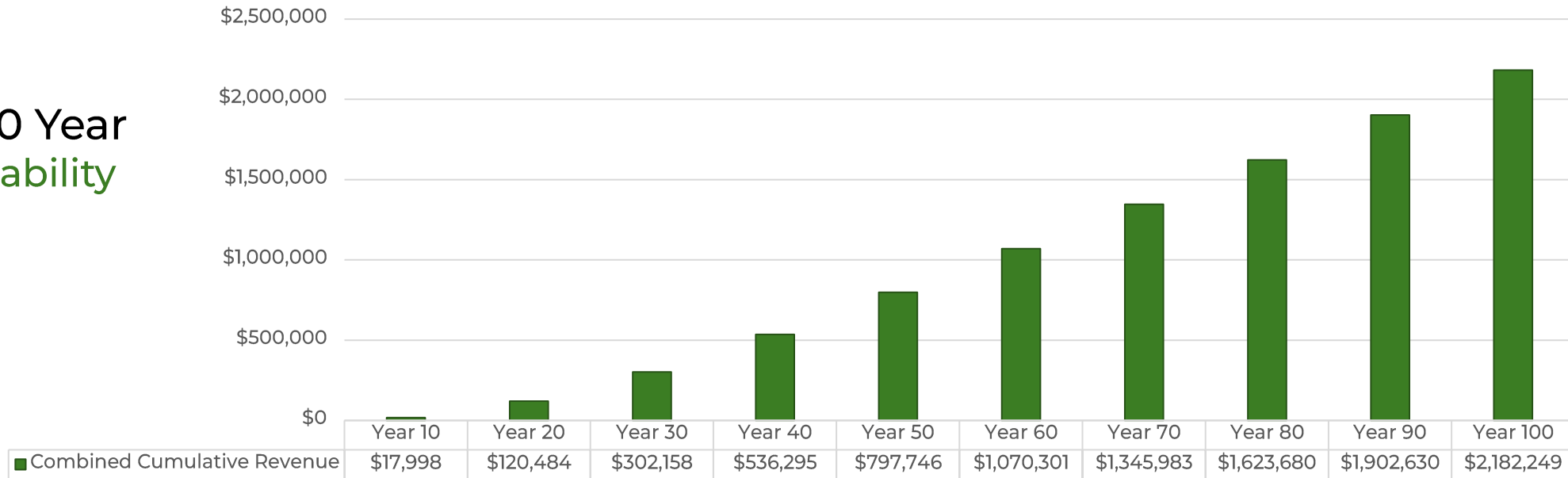
*Based on 2026 Value of Money

100 Year Projected Cumulative Recurring Revenues

Commercial Recurring Revenue By Decade (\$USD Millions)

100 Year
Viability

\$2.2+ Trillion
Cumulative

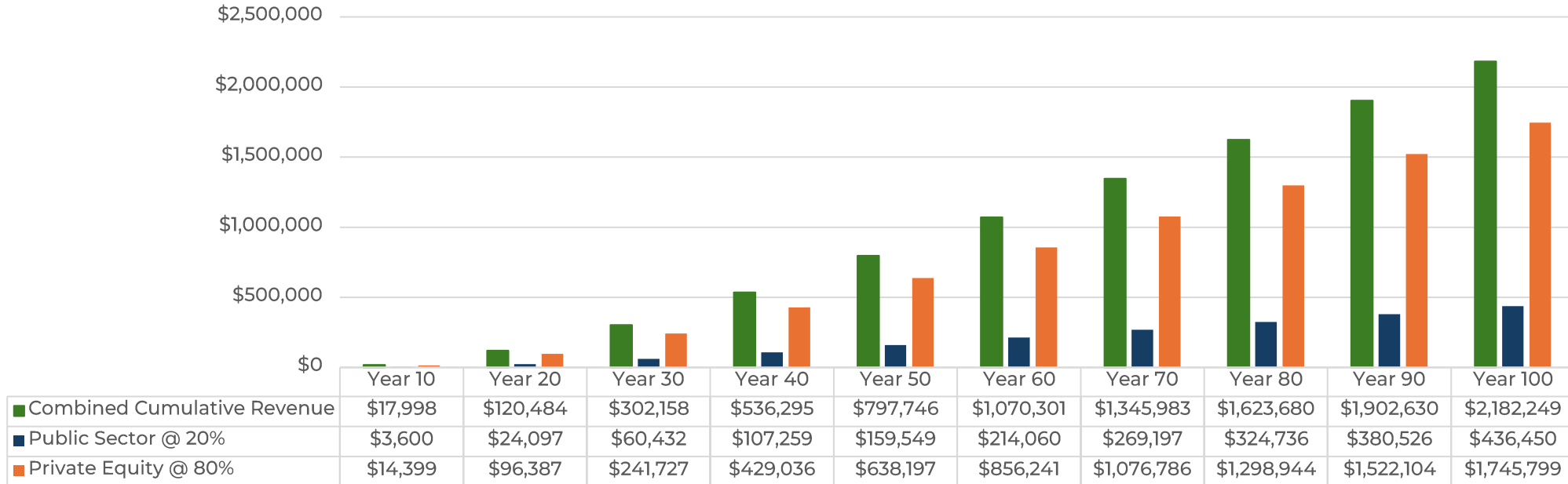


100% Non-Tax Revenue

Over the Next 100 Years

Based on an 80% / 20% Recurring Revenue Sharing Arrangement

Cumulative Commercial Non-Tax Recurring Revenue By Decade (\$USD Millions)



■ Combined Cumulative Revenue ■ Public Sector @ 20% ■ Private Equity @ 80%

InfraCo Would Earn Over \$1.7 Trillion* in Gross Revenue With More Than \$400 Bn In Non-Tax Revenues Returned to the General Fund

*Based On the 2026 Value of Money

National Broadband Master Plan

Industry Benefits

Commercial Service Providers Avoid Building Independently Owned Fiber Optic Networks in Federal Transportation Rights of Way

Cost Too
Much To Build

\$130K to \$210K

Per Mile Average

Takes Way
Too Long

5 to 10 Year

Timetable

No Return on
Investment

\$2K to \$2.5K

Expense Per Mile

Extremely High Cost, Protracted Timelines and a Limited Addressable Market Along U.S. Interstates and Federal Highways

The Business Case For Privately Owned Fiber Breaks

With Underground Infrastructure and Conduit Accessible and Available for Commercial Use

300% Lower
Build Cost

\$50K to \$70K

Per Mile Average

5 to 10 Times
Faster

< 1 Year

Timetable

Expenses
Remain Flat

\$2K to \$2.5K

Expense Per Mile

Service Providers Build More Fiber Into Previously Unserved Places
Opens Up New Markets - Generates New Revenues In A Fraction of Time

Budgetary and Timeline Certainty Fix The Broken Business Case

All 336 Million Americans Benefit

- ✓ Taxpayer Benefits
 - Invests and Recovers Taxpayer Funds
- ✓ Governmental Benefits
 - Protects America's Most Critical Infrastructure
 - Fortifies Homeland Security
 - Hardens Nation Defense
- ✓ Self-Sustainable
 - Financially Justified
- ✓ Industrial Benefits From Commercial Use
 - Incumbent Service Providers Build More Fiber Faster and Cheaper
 - Private Equity Captures Durable, Annual and Non-Recurring Services Revenues For The Next 100 Years
- ✓ Captures Up to \$20 Trillion In Private Sector Data Center & Tech Investment
 - Unprecedented GDP Growth
 - Jobs Creation

With So Many Reasons to Move Forward, It Is Not a Question of Why Would We Do This?
The Question to Ask Is Why Wouldn't We.

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