



# NAIC/CIPR Infrastructure Investments Study Conference call

---

October 18, 2019

---





# Request for Information- Infrastructure Definition Observations

- Key Characteristics
- Definition
- What's Excluded
- Next Steps



# Key Characteristics of Infrastructure Investments

- Large Physical Assets
- Long Operational Life
- Capital Intensive
- Essential Need
- Not Easily Duplicated

# Economic Infrastructure – Definition

***“Long-lived, capital intensive, large physical assets that provide essential services or facilities to a country, state, municipality, or region and contributes to its economic development or prosperity”***

*Note: 14 comment letters received from regulators, insurance companies, trade associations and other interested parties.*

# Economic Infrastructure – What's Included?

- **Transportation** – roads (streets and highways), bridges, tunnels, public transit, rail, airports, and maritime and inland waterway ports.
- **Broadband** (and other high-speed data and communication conduits) for rural communities.
- **Telecommunications** – wireless towers.
- **Waste Management** – wastewater, stormwater, solid waste, sewage, **landfills**, land revitalization and Brownfields.
- **Power and Energy** – **power utilities**, power generation, transmission and distribution facilities, **renewable energy (wind/solar)**, **pipelines**, **energy processing**, **distribution and storage**, **offshore infrastructure**, **production platforms**, and **liquefied natural gas (LNG) terminals**.
- **Water and Water Resources** – drinking water, flood risk management (dams and levees), water supply and waterways.

# What's Excluded?

- Rolling Stock
  - Parking Structures and Meters
  - Transportation Vessels
- 

- Social – Separate Analysis?
- Emerging – Future Analysis

# Social Infrastructure – Separate Analysis?

- Schools and Universities
- Hospitals
- Student Housing
- Civic Centers
- State Municipal Facilities
- Government buildings
- Social Housing
- Stadiums
- Other Assets under Public Private Partnership Structures

# Emerging Infrastructure – Future Analysis

- Data Centers
- Microgrids
- Vehicle Electrification
- Autonomous Equipment
- IoT sensors, etc.



# Next Steps

- Remaining RFI sections
  - **Comments will be due Friday, Nov. 22nd.**
- Outreach
  - One-on-one interviews with respondents are currently being scheduled. If you would like to discuss your responses, please contact Elizabeth Muroski ([Emuroski@naic.org](mailto:Emuroski@naic.org)) to schedule an interview.

# Questions?