### GOVERNMENT INTERVENTIONS IN INFRASTRUCTURE TO SPUR ECONOMIC DEVELOPMENT

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#### INNOVATIONS AND LINKAGES BETWEEN PUBLIC POLICY AND ENGINEERING: **CURRICULUM**

- Live Client Work: nonlitigation
- Environmental Justice Issues
  - Co-generation plant in Albany, NY (state capital)
  - Oil rail cars next to public housing development
  - Reroute heavy trucks coming from Port of Albany, avoid public housing
- Shared Community Benefits of Development
- Involve Students Through Direct Services

#### INNOVATIONS AND LINKAGES BETWEEN PUBLIC POLICY AND ENGINEERING: **RESEARCH**

- Government interventions to spur economic development
  - Business location tax incentives (corporate headquarters, manufacturing facilities – often include gov't \$ for infrastructure)
  - Place-based economic development incentives frequently benefit projects that were going to happen anyways (early research on opportunity zones"
- Community efforts to take control of economic development, infrastructure

#### INNOVATIONS AND LINKAGES BETWEEN PUBLIC POLICY AND ENGINEERING: **RESEARCH**

- Transportation Infrastructure Planning
  - Executive
    - Baltimore Red Line Closure
  - Legislative
    - Budgeting
    - Setting requirements re: public participation
  - Metropolitan Planning Organizations (in practice)
    - Two problems: can be dominated by suburban over urban board seats, difficult gaining broad public participation

#### GUIDING RESEARCH QUESTIONS



How does transportation infrastructure planning support community and individual flourishing?



How is convenience for some balanced against burdens (financial, environmental, epidemiological, societal, education, etc.) borne by others?



How is transportation infrastructure planning growing the power of historically marginalized groups?

## QUESTIONS?

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# THANKYOU!