

Andrew R. Petrisin

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WORK EXPERIENCE

United States Department of Transportation

November 2021 – Current

Supply Chain Advisor

Supply Chain Disruptions Task Force

- Operationalizing the Administration's supply chain portfolio nationally; improving fluidity at key port/terminals, coordinating the import of priority medical goods with HHS, and funding near-term port capacity for exporters with USDA.
- Leading DOT's "FLOW" effort; launched with Secretary Buttigieg and Brian Deese, FLOW is a novel supply chain data sharing initiative partnering with companies from across the supply chain to optimize system performance and inform investments.

BIL Project Delivery

- Leading a team of FHWA, FTA, FRA, FAA, and MARAD to develop a process for oversight and coordination of "megaprojects" for BIL implementation, developing a risk-based process for identifying and "managing by exception" complex projects.
- Supporting the White House Infrastructure Implementation Team (WHIIT) on the development of a project development summit to share best practices amongst project sponsors to successfully deliver BIL projects on time and on budget.

WSP

July 2018 – November 2021

Associate Consultant

Amtrak Major Program Delivery

- Assisted Amtrak CEO Stephen Gardner and EVP Laura Mason to develop a Major Program Delivery function for Amtrak to deliver a major expansion of United States rail service funded through BIL federal infrastructure investment.
- Evaluated the commercial functions of Amtrak including the future delivery of Northeast Corridor, State Supported, and Long-Distance capital projects and how BIL funding could support service expansion in key markets.

Bus Fleet Electrification Public Private Partnerships

- Led the development of procurement documents for transit agencies to utilize alternative contracting for zero-emission bus fleet conversions, operationalizing local decisions needed to decarbonize the transportation system.
- Proposed financing structures to deliver renewable energy to transit agencies, worked with transit agencies to evaluate Energy-as-a-Service and Charging-as-a-Service contracts for energy delivery to new zero-emission vehicles.

Federal-Local Policy Development with Accelerator for America

- Led a two-year infrastructure policy effort working with mayors to shape infrastructure legislation in the areas of procurement practices for racial equity, transportation electrification, and improved federal-local funding mechanisms.
- Worked with members of Congress to advance legislation developed, resulting in Senator Padilla and Representatives Aguilar and Gomez introducing legislation to close the racial wealth gap through infrastructure procurement.

Keough School of Global Affairs, University of Notre Dame

August 2017– July 2018

Program Associate, Integration Lab – South Bend, IN

- Asked by two professors to launch a new graduate program and oversaw three dozen students consulting for international non-profits focused on challenges of resilient infrastructure, supply chain, and economic development.
- Taught undergraduate classes on human-centered design and systems thinking for project-based coursework.

Atkins North America

July 2016 – August 2017

Engineer – Orlando, FL

- Designed plan sets for infrastructure projects including the largest fiber optic cable roadway deployment in the country, additional intelligent transportation solutions (ITS) projects, roadway design projects, and site development projects.
- Selected as one of two early-career employees in North America to build a practice focused on autonomous vehicles, shared ride service public-private partnerships, and new bus rapid transit deployments for transit agencies.

ADDITIONAL PROJECTS

Equitable Procurement and DBE Program Improvement

March 2021 – November 2021

- Worked with the Domestic Policy Council and Denver International Airport, Chicago Transit Authority, and Port of Long Beach to develop and implement a federal-local pledge to close the racial wealth gap through equitable procurement.

The New Localism

January 2020 - September 2020

- Worked with Bruce Katz, formerly at the Brookings Institution and HUD, on recommendations for inclusive economic development focused on building stronger public institutions and a more cooperative fiscal federalism.

EDUCATION

University of Notre Dame

May 2016

Bachelor of Science in Civil Engineering

Honors: Graduation Speaker, Andrews Scholar

INTERESTS

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