Rapid Speed Transportation Initiative

An update on the Midwest Connect Corridor Studies
One of 10 corridors selected worldwide to explore the feasibility of implementing hyperloop technology.
Connecting the Midwest Megaregion

The Emerging Megaregions

- Cascadia
- Northern California
- Southern California
- Arizona Sun Corridor
- Front Range
- Texas Triangle
- Piedmont Atlantic
- Gulf Coast
- Florida
- Northeast
- Great Lakes

Metro Area Population:
- 150,000 to 1 million
- 1 to 3 million
- 3 to 6 million
- 6 million +
Traveling Fast ... Real Fast
Rapid Speed Transportation Initiative (RSTI)

- $2.5-million study of rapid-speed technology options (traditional rail and hyperloop)
- Chicago-Columbus-Pittsburgh corridor
- Two initial phases:
  1. Hyperloop Feasibility Study
  2. Components of Tier 1 EIS *(first-of-its-kind)*
- Future phase: Complete EIS
- Multiple public and private funding partners
Hyperloop Feasibility Study

• Task 1 – Visioning and Technology Application
• Task 2 – Route Planning
• Task 3 – Transportation Demand and Economic Benefit Analysis
• Task 4 – Regulatory Framework and Implementation Strategy
• Project Management, Stakeholder, and Public Engagement
Components of Tier 1 EIS

• Task 1: Project Management
• Task 2: Preliminary Data Collection
• Task 3: Purpose and Need Statement
• Task 4: Route Alternatives
• Task 5: Service Alternatives
• Task 6: Infrastructure Investments
• Task 7: Public Involvement

CONSULTANT SELECTED: WSP
Current Study Funders

- ODOT
- City of Columbus
- City of Lima
- City of Marysville
- Union County
- MORPC
- ...more to come
RSTI Timeline

2018
JUNE  JULY  AUG.  SEPT.  OCT.  NOV.  DEC.

2019
JAN.  FEB.  MAR.  APR.  MAY  JUNE  JULY  AUG.

FEASIBILITY STUDY - 9 MONTHS

CORRIDOR EIS - 12 MONTHS

ADDITIONAL EIS COMPONENTS
Thea J. Walsh, AICP
Director, Transportation Systems & Funding (TS&F)
twalsh@morpc.org
Phone: 614.233.4160

Dina Lopez
Principal Planner, TS&F
dlopez@morpc.org
Phone: 614.233.4149

Nathaniel Kaelin, AICP
Competitive Advantage Program Manager, TS&F
nkaelin@morpc.org
Phone: 614.233.4190